

COMMITTENTE:



ALTA SORVEGLIANZA:



GENERAL CONTRACTOR:



**INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA LEGGE OBIETTIVO N. 443/01**

**LINEA A.V. /A.C. TORINO – VENEZIA      Tratta MILANO – VERONA**  
**Lotto funzionale Brescia-Verona**

**PROGETTO ESECUTIVO**

**GALLERIA ARTIFICIALE SAN GIORGIO IN SALICI OVEST (GA16)**

**Da Pk 140+181.85 a Pk 140+502.85**

**Relazione di calcolo opere provvisorie – Allegati numerici**

GENERAL CONTRACTOR	DIRETTORE LAVORI
Consorzio <b>Cepav due</b> Consorzio Cepav due Il Direttore del Consorzio (Ing. T. Taranta)	Valido per costruzione
Data: _____	Data: _____

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC	OPERA/DISCIPLINA	PROGR	REV
I N O R	1 1	E	E 2	C L	G A 1 6 0 1	0 0 2	A

PROGETTAZIONE						IL PROGETTISTA	
Rev.	Descrizione	Redatto	Data	Verificato	Data	Data	Data
A	Emissione	REGE	22/06/18	MERLINI	22/06/18	22/06/18	22/06/18
B							
C							



CIG. 75147334A

FILE: INOR11EE2CLGA1601002A\_10.doc



Progetto cofinanziato dalla Unione Europea

CUP: F81H91000000008

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# 1. PARATIA ALLA PK 140+462, H = 18 M

## Design Assumption : Nominal - File di Paratie - File di output (.out)

```

-----
PARATIEPLUS(TM)  NLS ENGINE RELEASE  2018.0  FULL VERSION  *Build date:Nov 13, 2017*
-----
NewProject.BaseDesignSection_28.Nominal_63
Exe Time : 8 June 2018      11:15:43
-----

```

```

*****
*
*  PARATIE PLUS Non-Linear Spring Engine
*
*      AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
*      FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
*      Written by Ce.A.S. s.r.l. (ITALY)
*      with the scientific supervision of
*      Roberto Nova - full professor SOIL MECHANICS
*      at Politecnico di Milano (ITALY)
*
*****
*
*  RELEASE  2018.0      *Build date:Nov 13, 2017*
*
*
*  Ce.A.S.      S.R.L  CENTRO DI ANALISI STRUTTURALE
*              VIALE  GIUSTINIANO 10
*              20129  M I L A N O (ITALIA)
*  TEL.        +39 02 2020221
*
*  email       bruno.becci@ceas.it
*  Web Page    www.ceas.it      www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.Nominal\_63

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
*  WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
*           BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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Exe Time : 8 June 2018 11:15:43

INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	91
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	182
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	4
NO. OF SOLUTION STEPS (NSTE).....	5
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	634
NO. OF LONG NAMES (LASTNAME) .....	24
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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Exe Time : 8 June 2018 11:15:43

P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 634

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -18 0 1
7 : SOIL 0_L LeftWall_32 -18 0 1 0
8 : SOIL 0_R LeftWall_32 -18 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosa2_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : LDATA sabbialimosoghiaiosa3_236_221_L_0 -10 LeftWall_32
31 : ATREST 0.76 2 1
32 : WEIGHT 21.4 12.2 10
33 : PERMEABILITY 1E-05
34 : RESISTANCE 30 36 0 0 0
35 : YOUNG 1E+05 2.5E+05
36 : ENDL
37 : LDATA Limosabbiosol_237_225_L_0 -14 LeftWall_32
38 : ATREST 0.75 2 1
39 : WEIGHT 19.2 10.3 10
40 : PERMEABILITY 1E-05
41 : RESISTANCE 30 36 0 0 0
42 : YOUNG 1E+05 2.5E+05
43 : ENDL
44 : MATERIAL Fe360_108 2.06E+08
45 : MATERIAL C2530_104 3.148E+07
46 : MATERIAL acciaioarmonico_124 2.001E+08
47 : MATERIAL C2025_103 2.996E+07
48 : BEAM WallElement_33 LeftWall_32 -18 0 C2530_104 0.6225 00 00 0
49 : WIRE Tieback_652 LeftWall_32 -3 acciaioarmonico_124 2.059E-05 250 15 0 0
50 : STRIP LeftWall_32 1 5 1.5 28.5 0 20 45
51 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
52 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
53 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
54 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
55 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
56 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
57 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
58 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
59 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
60 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
61 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
62 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
63 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
64 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
65 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
66 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45

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78 : STRIP LeftWall\_32 1 1 10.8 0.4 0 50.4 45  
 79 : STRIP LeftWall\_32 1 1 11.2 0.4 0 50.4 45  
 80 : STRIP LeftWall\_32 1 1 11.6 0.4 0 50.4 45  
 81 : STRIP LeftWall\_32 1 1 12 0.4 0 50.4 45  
 82 : STRIP LeftWall\_32 1 1 12.4 0.4 0 50.4 45  
 83 : STRIP LeftWall\_32 1 1 12.8 0.4 0 50.4 45  
 84 : STRIP LeftWall\_32 1 1 13.2 0.4 0 50.4 45  
 85 : STRIP LeftWall\_32 1 1 13.6 0.4 0 50.4 45  
 86 : STRIP LeftWall\_32 1 1 14 0.4 0 50.4 45  
 87 : STRIP LeftWall\_32 1 1 14.4 0.4 0 50.4 45  
 88 : STRIP LeftWall\_32 1 1 14.8 0.4 0 50.4 45  
 89 : STRIP LeftWall\_32 1 1 15.2 0.4 0 50.4 45  
 90 : STRIP LeftWall\_32 1 1 15.6 0.4 0 50.4 45  
 91 : STRIP LeftWall\_32 1 1 16 0.4 0 50.4 45  
 92 : STRIP LeftWall\_32 1 1 16.4 0.4 0 50.4 45  
 93 : STRIP LeftWall\_32 1 1 16.8 0.4 0 50.4 45  
 94 : STRIP LeftWall\_32 1 1 17.2 0.4 0 50.4 45  
 95 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
 96 : STRIP LeftWall\_32 1 1 18 0.4 0 50.4 45  
 97 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
 98 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
 99 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
 100 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
 101 : STRIP LeftWall\_32 1 1 20 0.4 0 50.4 45  
 102 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
 103 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
 104 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
 105 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
 106 : STRIP LeftWall\_32 1 1 22 0.4 0 50.4 45  
 107 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
 108 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
 109 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
 110 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
 111 : STRIP LeftWall\_32 1 1 24 0.4 0 50.4 45  
 112 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
 113 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
 114 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
 115 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
 116 : STRIP LeftWall\_32 1 1 26 0.4 0 50.4 45  
 117 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
 118 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
 119 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
 120 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
 121 : STRIP LeftWall\_32 1 1 28 0.4 0 50.4 45  
 122 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
 123 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
 124 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
 125 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
 126 : STRIP LeftWall\_32 2 2 0 0.4 0 1.68 45  
 127 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
 128 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
 129 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
 130 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
 131 : STRIP LeftWall\_32 2 2 2 0.4 0 18.48 45  
 132 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
 133 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
 134 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
 135 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
 136 : STRIP LeftWall\_32 2 2 4 0.4 0 35.28 45  
 137 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
 138 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
 139 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
 140 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
 141 : STRIP LeftWall\_32 2 2 6 0.4 0 50.4 45  
 142 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
 143 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
 144 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
 145 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
 146 : STRIP LeftWall\_32 2 2 8 0.4 0 50.4 45  
 147 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
 148 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
 149 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
 150 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
 151 : STRIP LeftWall\_32 2 2 10 0.4 0 50.4 45  
 152 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
 153 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
 154 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
 155 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
 156 : STRIP LeftWall\_32 2 2 12 0.4 0 50.4 45  
 157 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
 158 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
 159 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
 160 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
 161 : STRIP LeftWall\_32 2 2 14 0.4 0 50.4 45  
 162 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
 163 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
 164 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
 165 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
 166 : STRIP LeftWall\_32 2 2 16 0.4 0 50.4 45  
 167 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 18 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 20 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45  
 185 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 186 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 187 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
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 193 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
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 195 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
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 198 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
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 201 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 202 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 203 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 204 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 205 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 206 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 207 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 208 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 209 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 210 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 211 : STRIP LeftWall\_32 3 3 4 0.4 0 35.28 45  
 212 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 213 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 214 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 215 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 216 : STRIP LeftWall\_32 3 3 6 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 8 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 10 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 12 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 14 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 16 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 20 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 22 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45



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258 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 259 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 260 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 261 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45  
 262 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 263 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 264 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 265 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 266 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45  
 267 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45  
 268 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 269 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 270 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 271 : STRIP LeftWall\_32 3 3 28 0.4 0 50.4 45  
 272 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 273 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 274 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45  
 275 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 276 : STRIP LeftWall\_32 4 4 0 0.4 0 1.68 45  
 277 : STRIP LeftWall\_32 4 4 0.4 0.4 0 5.04 45  
 278 : STRIP LeftWall\_32 4 4 0.8 0.4 0 8.4 45  
 279 : STRIP LeftWall\_32 4 4 1.2 0.4 0 11.76 45  
 280 : STRIP LeftWall\_32 4 4 1.6 0.4 0 15.12 45  
 281 : STRIP LeftWall\_32 4 4 2 0.4 0 18.48 45  
 282 : STRIP LeftWall\_32 4 4 2.4 0.4 0 21.84 45  
 283 : STRIP LeftWall\_32 4 4 2.8 0.4 0 25.2 45  
 284 : STRIP LeftWall\_32 4 4 3.2 0.4 0 28.56 45  
 285 : STRIP LeftWall\_32 4 4 3.6 0.4 0 31.92 45  
 286 : STRIP LeftWall\_32 4 4 4 0.4 0 35.28 45  
 287 : STRIP LeftWall\_32 4 4 4.4 0.4 0 38.64 45  
 288 : STRIP LeftWall\_32 4 4 4.8 0.4 0 42 45  
 289 : STRIP LeftWall\_32 4 4 5.2 0.4 0 45.36 45  
 290 : STRIP LeftWall\_32 4 4 5.6 0.4 0 48.72 45  
 291 : STRIP LeftWall\_32 4 4 6 0.4 0 50.4 45  
 292 : STRIP LeftWall\_32 4 4 6.4 0.4 0 50.4 45  
 293 : STRIP LeftWall\_32 4 4 6.8 0.4 0 50.4 45  
 294 : STRIP LeftWall\_32 4 4 7.2 0.4 0 50.4 45  
 295 : STRIP LeftWall\_32 4 4 7.6 0.4 0 50.4 45  
 296 : STRIP LeftWall\_32 4 4 8 0.4 0 50.4 45  
 297 : STRIP LeftWall\_32 4 4 8.4 0.4 0 50.4 45  
 298 : STRIP LeftWall\_32 4 4 8.8 0.4 0 50.4 45  
 299 : STRIP LeftWall\_32 4 4 9.2 0.4 0 50.4 45  
 300 : STRIP LeftWall\_32 4 4 9.6 0.4 0 50.4 45  
 301 : STRIP LeftWall\_32 4 4 10 0.4 0 50.4 45  
 302 : STRIP LeftWall\_32 4 4 10.4 0.4 0 50.4 45  
 303 : STRIP LeftWall\_32 4 4 10.8 0.4 0 50.4 45  
 304 : STRIP LeftWall\_32 4 4 11.2 0.4 0 50.4 45  
 305 : STRIP LeftWall\_32 4 4 11.6 0.4 0 50.4 45  
 306 : STRIP LeftWall\_32 4 4 12 0.4 0 50.4 45  
 307 : STRIP LeftWall\_32 4 4 12.4 0.4 0 50.4 45  
 308 : STRIP LeftWall\_32 4 4 12.8 0.4 0 50.4 45  
 309 : STRIP LeftWall\_32 4 4 13.2 0.4 0 50.4 45  
 310 : STRIP LeftWall\_32 4 4 13.6 0.4 0 50.4 45  
 311 : STRIP LeftWall\_32 4 4 14 0.4 0 50.4 45  
 312 : STRIP LeftWall\_32 4 4 14.4 0.4 0 50.4 45  
 313 : STRIP LeftWall\_32 4 4 14.8 0.4 0 50.4 45  
 314 : STRIP LeftWall\_32 4 4 15.2 0.4 0 50.4 45  
 315 : STRIP LeftWall\_32 4 4 15.6 0.4 0 50.4 45  
 316 : STRIP LeftWall\_32 4 4 16 0.4 0 50.4 45  
 317 : STRIP LeftWall\_32 4 4 16.4 0.4 0 50.4 45  
 318 : STRIP LeftWall\_32 4 4 16.8 0.4 0 50.4 45  
 319 : STRIP LeftWall\_32 4 4 17.2 0.4 0 50.4 45  
 320 : STRIP LeftWall\_32 4 4 17.6 0.4 0 50.4 45  
 321 : STRIP LeftWall\_32 4 4 18 0.4 0 50.4 45  
 322 : STRIP LeftWall\_32 4 4 18.4 0.4 0 50.4 45  
 323 : STRIP LeftWall\_32 4 4 18.8 0.4 0 50.4 45  
 324 : STRIP LeftWall\_32 4 4 19.2 0.4 0 50.4 45  
 325 : STRIP LeftWall\_32 4 4 19.6 0.4 0 50.4 45  
 326 : STRIP LeftWall\_32 4 4 20 0.4 0 50.4 45  
 327 : STRIP LeftWall\_32 4 4 20.4 0.4 0 50.4 45  
 328 : STRIP LeftWall\_32 4 4 20.8 0.4 0 50.4 45  
 329 : STRIP LeftWall\_32 4 4 21.2 0.4 0 50.4 45  
 330 : STRIP LeftWall\_32 4 4 21.6 0.4 0 50.4 45  
 331 : STRIP LeftWall\_32 4 4 22 0.4 0 50.4 45  
 332 : STRIP LeftWall\_32 4 4 22.4 0.4 0 50.4 45  
 333 : STRIP LeftWall\_32 4 4 22.8 0.4 0 50.4 45  
 334 : STRIP LeftWall\_32 4 4 23.2 0.4 0 50.4 45  
 335 : STRIP LeftWall\_32 4 4 23.6 0.4 0 50.4 45  
 336 : STRIP LeftWall\_32 4 4 24 0.4 0 50.4 45  
 337 : STRIP LeftWall\_32 4 4 24.4 0.4 0 50.4 45  
 338 : STRIP LeftWall\_32 4 4 24.8 0.4 0 50.4 45  
 339 : STRIP LeftWall\_32 4 4 25.2 0.4 0 50.4 45  
 340 : STRIP LeftWall\_32 4 4 25.6 0.4 0 50.4 45  
 341 : STRIP LeftWall\_32 4 4 26 0.4 0 50.4 45  
 342 : STRIP LeftWall\_32 4 4 26.4 0.4 0 50.4 45  
 343 : STRIP LeftWall\_32 4 4 26.8 0.4 0 50.4 45  
 344 : STRIP LeftWall\_32 4 4 27.2 0.4 0 50.4 45  
 345 : STRIP LeftWall\_32 4 4 27.6 0.4 0 50.4 45  
 346 : STRIP LeftWall\_32 4 4 28 0.4 0 50.4 45  
 347 : STRIP LeftWall\_32 4 4 28.4 0.4 0 50.4 45

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348 : STRIP LeftWall\_32 4 4 28.8 0.4 0 50.4 45  
 349 : STRIP LeftWall\_32 4 4 29.2 0.4 0 50.4 45  
 350 : STRIP LeftWall\_32 4 4 29.6 0.4 0 50.4 45  
 351 : STRIP LeftWall\_32 5 5 0 0.4 0 1.68 45  
 352 : STRIP LeftWall\_32 5 5 0.4 0.4 0 5.04 45  
 353 : STRIP LeftWall\_32 5 5 0.8 0.4 0 8.4 45  
 354 : STRIP LeftWall\_32 5 5 1.2 0.4 0 11.76 45  
 355 : STRIP LeftWall\_32 5 5 1.6 0.4 0 15.12 45  
 356 : STRIP LeftWall\_32 5 5 2 0.4 0 18.48 45  
 357 : STRIP LeftWall\_32 5 5 2.4 0.4 0 21.84 45  
 358 : STRIP LeftWall\_32 5 5 2.8 0.4 0 25.2 45  
 359 : STRIP LeftWall\_32 5 5 3.2 0.4 0 28.56 45  
 360 : STRIP LeftWall\_32 5 5 3.6 0.4 0 31.92 45  
 361 : STRIP LeftWall\_32 5 5 4 0.4 0 35.28 45  
 362 : STRIP LeftWall\_32 5 5 4.4 0.4 0 38.64 45  
 363 : STRIP LeftWall\_32 5 5 4.8 0.4 0 42 45  
 364 : STRIP LeftWall\_32 5 5 5.2 0.4 0 45.36 45  
 365 : STRIP LeftWall\_32 5 5 5.6 0.4 0 48.72 45  
 366 : STRIP LeftWall\_32 5 5 6 0.4 0 50.4 45  
 367 : STRIP LeftWall\_32 5 5 6.4 0.4 0 50.4 45  
 368 : STRIP LeftWall\_32 5 5 6.8 0.4 0 50.4 45  
 369 : STRIP LeftWall\_32 5 5 7.2 0.4 0 50.4 45  
 370 : STRIP LeftWall\_32 5 5 7.6 0.4 0 50.4 45  
 371 : STRIP LeftWall\_32 5 5 8 0.4 0 50.4 45  
 372 : STRIP LeftWall\_32 5 5 8.4 0.4 0 50.4 45  
 373 : STRIP LeftWall\_32 5 5 8.8 0.4 0 50.4 45  
 374 : STRIP LeftWall\_32 5 5 9.2 0.4 0 50.4 45  
 375 : STRIP LeftWall\_32 5 5 9.6 0.4 0 50.4 45  
 376 : STRIP LeftWall\_32 5 5 10 0.4 0 50.4 45  
 377 : STRIP LeftWall\_32 5 5 10.4 0.4 0 50.4 45  
 378 : STRIP LeftWall\_32 5 5 10.8 0.4 0 50.4 45  
 379 : STRIP LeftWall\_32 5 5 11.2 0.4 0 50.4 45  
 380 : STRIP LeftWall\_32 5 5 11.6 0.4 0 50.4 45  
 381 : STRIP LeftWall\_32 5 5 12 0.4 0 50.4 45  
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 383 : STRIP LeftWall\_32 5 5 12.8 0.4 0 50.4 45  
 384 : STRIP LeftWall\_32 5 5 13.2 0.4 0 50.4 45  
 385 : STRIP LeftWall\_32 5 5 13.6 0.4 0 50.4 45  
 386 : STRIP LeftWall\_32 5 5 14 0.4 0 50.4 45  
 387 : STRIP LeftWall\_32 5 5 14.4 0.4 0 50.4 45  
 388 : STRIP LeftWall\_32 5 5 14.8 0.4 0 50.4 45  
 389 : STRIP LeftWall\_32 5 5 15.2 0.4 0 50.4 45  
 390 : STRIP LeftWall\_32 5 5 15.6 0.4 0 50.4 45  
 391 : STRIP LeftWall\_32 5 5 16 0.4 0 50.4 45  
 392 : STRIP LeftWall\_32 5 5 16.4 0.4 0 50.4 45  
 393 : STRIP LeftWall\_32 5 5 16.8 0.4 0 50.4 45  
 394 : STRIP LeftWall\_32 5 5 17.2 0.4 0 50.4 45  
 395 : STRIP LeftWall\_32 5 5 17.6 0.4 0 50.4 45  
 396 : STRIP LeftWall\_32 5 5 18 0.4 0 50.4 45  
 397 : STRIP LeftWall\_32 5 5 18.4 0.4 0 50.4 45  
 398 : STRIP LeftWall\_32 5 5 18.8 0.4 0 50.4 45  
 399 : STRIP LeftWall\_32 5 5 19.2 0.4 0 50.4 45  
 400 : STRIP LeftWall\_32 5 5 19.6 0.4 0 50.4 45  
 401 : STRIP LeftWall\_32 5 5 20 0.4 0 50.4 45  
 402 : STRIP LeftWall\_32 5 5 20.4 0.4 0 50.4 45  
 403 : STRIP LeftWall\_32 5 5 20.8 0.4 0 50.4 45  
 404 : STRIP LeftWall\_32 5 5 21.2 0.4 0 50.4 45  
 405 : STRIP LeftWall\_32 5 5 21.6 0.4 0 50.4 45  
 406 : STRIP LeftWall\_32 5 5 22 0.4 0 50.4 45  
 407 : STRIP LeftWall\_32 5 5 22.4 0.4 0 50.4 45  
 408 : STRIP LeftWall\_32 5 5 22.8 0.4 0 50.4 45  
 409 : STRIP LeftWall\_32 5 5 23.2 0.4 0 50.4 45  
 410 : STRIP LeftWall\_32 5 5 23.6 0.4 0 50.4 45  
 411 : STRIP LeftWall\_32 5 5 24 0.4 0 50.4 45  
 412 : STRIP LeftWall\_32 5 5 24.4 0.4 0 50.4 45  
 413 : STRIP LeftWall\_32 5 5 24.8 0.4 0 50.4 45  
 414 : STRIP LeftWall\_32 5 5 25.2 0.4 0 50.4 45  
 415 : STRIP LeftWall\_32 5 5 25.6 0.4 0 50.4 45  
 416 : STRIP LeftWall\_32 5 5 26 0.4 0 50.4 45  
 417 : STRIP LeftWall\_32 5 5 26.4 0.4 0 50.4 45  
 418 : STRIP LeftWall\_32 5 5 26.8 0.4 0 50.4 45  
 419 : STRIP LeftWall\_32 5 5 27.2 0.4 0 50.4 45  
 420 : STRIP LeftWall\_32 5 5 27.6 0.4 0 50.4 45  
 421 : STRIP LeftWall\_32 5 5 28 0.4 0 50.4 45  
 422 : STRIP LeftWall\_32 5 5 28.4 0.4 0 50.4 45  
 423 : STRIP LeftWall\_32 5 5 28.8 0.4 0 50.4 45  
 424 : STRIP LeftWall\_32 5 5 29.2 0.4 0 50.4 45  
 425 : STRIP LeftWall\_32 5 5 29.6 0.4 0 50.4 45  
 426 : STEP Stage1\_31  
 427 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 428 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 429 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 430 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 431 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 432 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 433 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 434 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 435 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 436 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 437 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32

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438 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
439 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
440 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
441 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
442 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
443 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
444 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
445 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-FRICT=36 LeftWall\_32  
446 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-FRICT=36 LeftWall\_32  
447 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KA=0.215 LeftWall\_32  
448 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KP=6.978 LeftWall\_32  
449 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KA=0.215 LeftWall\_32  
450 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KP=6.978 LeftWall\_32  
451 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-FRICT=36 LeftWall\_32  
452 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-FRICT=36 LeftWall\_32  
453 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KA=0.215 LeftWall\_32  
454 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KP=6.978 LeftWall\_32  
455 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KA=0.215 LeftWall\_32  
456 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KP=6.978 LeftWall\_32  
457 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
458 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
459 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
460 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
461 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
462 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
463 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
464 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
465 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
466 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
467 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
468 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
469 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
470 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
471 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
472 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
473 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-COHE=30 LeftWall\_32  
474 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-ADHES=0 LeftWall\_32  
475 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-COHE=30 LeftWall\_32  
476 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-ADHES=0 LeftWall\_32  
477 : SETWALL LeftWall\_32  
478 : GEOM 0 0  
479 : WATER -0.5 0 -18 0 0  
480 : ADD WallElement\_33  
481 : ENDSTEP  
482 : STEP Stage2\_240  
483 : SETWALL LeftWall\_32  
484 : GEOM 0 -3.5  
485 : WATER -2.5 1.5 -18 0 0  
486 : ENDSTEP  
487 : STEP Stage3\_343  
488 : SETWALL LeftWall\_32  
489 : GEOM 0 -3.5  
490 : WATER -2.5 1.5 -18 0 0  
491 : ADD Tieback\_652  
492 : ENDSTEP  
493 : STEP Stage4\_446  
494 : SETWALL LeftWall\_32  
495 : GEOM 0 -9.5  
496 : WATER -8.5 1.5 -18 0 0  
497 : ENDSTEP  
498 : STEP Stage5\_549  
499 : SETWALL LeftWall\_32  
500 : GEOM 0 -9.5  
501 : WATER -8.5 1.5 -18 0 0  
502 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.422 LeftWall\_32  
503 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.477 LeftWall\_32  
504 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.902 LeftWall\_32  
505 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.737 LeftWall\_32  
506 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.422 LeftWall\_32  
507 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.477 LeftWall\_32  
508 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.902 LeftWall\_32  
509 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.737 LeftWall\_32  
510 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KAED=0.237 LeftWall\_32  
511 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KAEW=0.265 LeftWall\_32  
512 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KPED=7.268 LeftWall\_32  
513 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KPEW=7.048 LeftWall\_32  
514 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KAED=0.237 LeftWall\_32  
515 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KAEW=0.265 LeftWall\_32  
516 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KPED=7.268 LeftWall\_32  
517 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KPEW=7.048 LeftWall\_32  
518 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAED=0.237 LeftWall\_32  
519 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAEW=0.264 LeftWall\_32  
520 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPED=7.268 LeftWall\_32  
521 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPEW=7.053 LeftWall\_32  
522 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAED=0.237 LeftWall\_32  
523 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAEW=0.264 LeftWall\_32  
524 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPED=7.268 LeftWall\_32  
525 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPEW=7.053 LeftWall\_32  
526 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KAED=0.248 LeftWall\_32  
527 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KAEW=0.275 LeftWall\_32

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528 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPED=6.739 LeftWall\_32  
 529 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPEW=6.535 LeftWall\_32  
 530 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAED=0.248 LeftWall\_32  
 531 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAEW=0.275 LeftWall\_32  
 532 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPED=6.739 LeftWall\_32  
 533 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPEW=6.535 LeftWall\_32  
 534 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KAED=0.248 LeftWall\_32  
 535 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KAEW=0.28 LeftWall\_32  
 536 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KPED=6.739 LeftWall\_32  
 537 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KPEW=6.504 LeftWall\_32  
 538 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KAED=0.248 LeftWall\_32  
 539 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KAEW=0.28 LeftWall\_32  
 540 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KPED=6.739 LeftWall\_32  
 541 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KPEW=6.504 LeftWall\_32  
 542 : EQK USER 0.0618 0 0 26.57 0.66 0 0.66 1 0  
 543 : DLOAD step LeftWall\_32 -9.5 4.511 0 4.511  
 544 : DLOAD step LeftWall\_32 -9.5 0.7766 0 0.7766  
 545 : DLOAD step LeftWall\_32 -8.7 1.984 -8.5 0  
 546 : DLOAD step LeftWall\_32 -8.9 2.806 -8.7 1.984  
 547 : DLOAD step LeftWall\_32 -9.1 3.437 -8.9 2.806  
 548 : DLOAD step LeftWall\_32 -9.3 3.969 -9.1 3.437  
 549 : DLOAD step LeftWall\_32 -9.5 4.437 -9.3 3.969  
 550 : DLOAD step LeftWall\_32 -9.7 4.86 -9.5 4.437  
 551 : DLOAD step LeftWall\_32 -9.9 5.25 -9.7 4.86  
 552 : DLOAD step LeftWall\_32 -10.1 5.612 -9.9 5.25  
 553 : DLOAD step LeftWall\_32 -10.3 5.953 -10.1 5.612  
 554 : DLOAD step LeftWall\_32 -10.5 6.275 -10.3 5.953  
 555 : DLOAD step LeftWall\_32 -10.7 6.581 -10.5 6.275  
 556 : DLOAD step LeftWall\_32 -10.9 6.874 -10.7 6.581  
 557 : DLOAD step LeftWall\_32 -11.1 7.154 -10.9 6.874  
 558 : DLOAD step LeftWall\_32 -11.3 7.425 -11.1 7.154  
 559 : DLOAD step LeftWall\_32 -11.5 7.685 -11.3 7.425  
 560 : DLOAD step LeftWall\_32 -11.7 7.937 -11.5 7.685  
 561 : DLOAD step LeftWall\_32 -11.9 8.181 -11.7 7.937  
 562 : DLOAD step LeftWall\_32 -12.1 8.419 -11.9 8.181  
 563 : DLOAD step LeftWall\_32 -12.3 8.649 -12.1 8.419  
 564 : DLOAD step LeftWall\_32 -12.5 8.874 -12.3 8.649  
 565 : DLOAD step LeftWall\_32 -12.7 9.093 -12.5 8.874  
 566 : DLOAD step LeftWall\_32 -12.9 9.307 -12.7 9.093  
 567 : DLOAD step LeftWall\_32 -13.1 9.516 -12.9 9.307  
 568 : DLOAD step LeftWall\_32 -13.3 9.721 -13.1 9.516  
 569 : DLOAD step LeftWall\_32 -13.5 9.921 -13.3 9.721  
 570 : DLOAD step LeftWall\_32 -13.7 10.12 -13.5 9.921  
 571 : DLOAD step LeftWall\_32 -13.9 10.31 -13.7 10.12  
 572 : DLOAD step LeftWall\_32 -14.1 10.5 -13.9 10.31  
 573 : DLOAD step LeftWall\_32 -14.3 10.69 -14.1 10.5  
 574 : DLOAD step LeftWall\_32 -14.5 10.87 -14.3 10.69  
 575 : DLOAD step LeftWall\_32 -14.7 11.05 -14.5 10.87  
 576 : DLOAD step LeftWall\_32 -14.9 11.22 -14.7 11.05  
 577 : DLOAD step LeftWall\_32 -15.1 11.4 -14.9 11.22  
 578 : DLOAD step LeftWall\_32 -15.3 11.57 -15.1 11.4  
 579 : DLOAD step LeftWall\_32 -15.5 11.74 -15.3 11.57  
 580 : DLOAD step LeftWall\_32 -15.7 11.91 -15.5 11.74  
 581 : DLOAD step LeftWall\_32 -15.9 12.07 -15.7 11.91  
 582 : DLOAD step LeftWall\_32 -16.1 12.23 -15.9 12.07  
 583 : DLOAD step LeftWall\_32 -16.3 12.39 -16.1 12.23  
 584 : DLOAD step LeftWall\_32 -16.5 12.55 -16.3 12.39  
 585 : DLOAD step LeftWall\_32 -16.7 12.71 -16.5 12.55  
 586 : DLOAD step LeftWall\_32 -16.9 12.86 -16.7 12.71  
 587 : DLOAD step LeftWall\_32 -17.1 13.01 -16.9 12.86  
 588 : DLOAD step LeftWall\_32 -17.3 13.16 -17.1 13.01  
 589 : DLOAD step LeftWall\_32 -17.5 13.31 -17.3 13.16  
 590 : DLOAD step LeftWall\_32 -17.7 13.46 -17.5 13.31  
 591 : DLOAD step LeftWall\_32 -17.9 13.6 -17.7 13.46  
 592 : DLOAD step LeftWall\_32 -18 13.68 -17.9 13.6  
 593 : DLOAD step LeftWall\_32 -10.2 1.821 -10 0  
 594 : DLOAD step LeftWall\_32 -10.4 2.575 -10.2 1.821  
 595 : DLOAD step LeftWall\_32 -10.6 3.154 -10.4 2.575  
 596 : DLOAD step LeftWall\_32 -10.8 3.642 -10.6 3.154  
 597 : DLOAD step LeftWall\_32 -11 4.072 -10.8 3.642  
 598 : DLOAD step LeftWall\_32 -11.2 4.46 -11 4.072  
 599 : DLOAD step LeftWall\_32 -11.4 4.818 -11.2 4.46  
 600 : DLOAD step LeftWall\_32 -11.6 5.15 -11.4 4.818  
 601 : DLOAD step LeftWall\_32 -11.8 5.463 -11.6 5.15  
 602 : DLOAD step LeftWall\_32 -12 5.758 -11.8 5.463  
 603 : DLOAD step LeftWall\_32 -12.2 6.039 -12 5.758  
 604 : DLOAD step LeftWall\_32 -12.4 6.308 -12.2 6.039  
 605 : DLOAD step LeftWall\_32 -12.6 6.565 -12.4 6.308  
 606 : DLOAD step LeftWall\_32 -12.8 6.813 -12.6 6.565  
 607 : DLOAD step LeftWall\_32 -13 7.052 -12.8 6.813  
 608 : DLOAD step LeftWall\_32 -13.2 7.284 -13 7.052  
 609 : DLOAD step LeftWall\_32 -13.4 7.508 -13.2 7.284  
 610 : DLOAD step LeftWall\_32 -13.6 7.725 -13.4 7.508  
 611 : DLOAD step LeftWall\_32 -13.8 7.937 -13.6 7.725  
 612 : DLOAD step LeftWall\_32 -14 8.143 -13.8 7.937  
 613 : DLOAD step LeftWall\_32 -14.2 8.344 -14 8.143  
 614 : DLOAD step LeftWall\_32 -14.4 8.541 -14.2 8.344  
 615 : DLOAD step LeftWall\_32 -14.6 8.733 -14.4 8.541  
 616 : DLOAD step LeftWall\_32 -14.8 8.921 -14.6 8.733  
 617 : DLOAD step LeftWall\_32 -15 9.105 -14.8 8.921

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```
618 : DLOAD step LeftWall_32 -15.2 9.285 -15 9.105
619 : DLOAD step LeftWall_32 -15.4 9.462 -15.2 9.285
620 : DLOAD step LeftWall_32 -15.6 9.635 -15.4 9.462
621 : DLOAD step LeftWall_32 -15.8 9.806 -15.6 9.635
622 : DLOAD step LeftWall_32 -16 9.973 -15.8 9.806
623 : DLOAD step LeftWall_32 -16.2 10.14 -16 9.973
624 : DLOAD step LeftWall_32 -16.4 10.3 -16.2 10.14
625 : DLOAD step LeftWall_32 -16.6 10.46 -16.4 10.3
626 : DLOAD step LeftWall_32 -16.8 10.62 -16.6 10.46
627 : DLOAD step LeftWall_32 -17 10.77 -16.8 10.62
628 : DLOAD step LeftWall_32 -17.2 10.93 -17 10.77
629 : DLOAD step LeftWall_32 -17.4 11.08 -17.2 10.93
630 : DLOAD step LeftWall_32 -17.6 11.22 -17.4 11.08
631 : DLOAD step LeftWall_32 -17.8 11.37 -17.6 11.22
632 : DLOAD step LeftWall_32 -18 11.52 -17.8 11.37
633 : DLOAD step LeftWall_32 -18 11.52 -18 11.52
634 : ENDSTEP
```

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.0000	/	52	0.0000	-10.2000	/
53	0.0000	-10.400	/	54	0.0000	-10.600	/	55	0.0000	-10.800	/	56	0.0000	-11.000	/
57	0.0000	-11.200	/	58	0.0000	-11.400	/	59	0.0000	-11.600	/	60	0.0000	-11.800	/
61	0.0000	-12.000	/	62	0.0000	-12.200	/	63	0.0000	-12.400	/	64	0.0000	-12.600	/
65	0.0000	-12.800	/	66	0.0000	-13.000	/	67	0.0000	-13.200	/	68	0.0000	-13.400	/
69	0.0000	-13.600	/	70	0.0000	-13.800	/	71	0.0000	-14.000	/	72	0.0000	-14.200	/
73	0.0000	-14.400	/	74	0.0000	-14.600	/	75	0.0000	-14.800	/	76	0.0000	-15.000	/
77	0.0000	-15.200	/	78	0.0000	-15.400	/	79	0.0000	-15.600	/	80	0.0000	-15.800	/
81	0.0000	-16.000	/	82	0.0000	-16.200	/	83	0.0000	-16.400	/	84	0.0000	-16.600	/
85	0.0000	-16.800	/	86	0.0000	-17.000	/	87	0.0000	-17.200	/	88	0.0000	-17.400	/
89	0.0000	-17.600	/	90	0.0000	-17.800	/	91	0.0000	-18.000	/				

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ELEMENT GROUP NO. 1

0\_L  
5 91 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage	status
1	active
2	active
3	active
4	active
5	active

material set no. 1

prop( 1) angle	0.00000
prop( 2) layer as foreseen	1.00000

material set no. 2

prop( 1) angle	0.00000
prop( 2) layer as foreseen	2.00000

material set no. 3

prop( 1) angle	0.00000
prop( 2) layer as foreseen	3.00000

material set no. 4

prop( 1) angle	0.00000
prop( 2) layer as foreseen	4.00000

material set no. 5

prop( 1) angle	0.00000
prop( 2) layer as foreseen	5.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000

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29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.2000	0.000	0.000	0.000	1.000
72	72	5	0.2000	0.000	0.000	0.000	1.000
73	73	5	0.2000	0.000	0.000	0.000	1.000
74	74	5	0.2000	0.000	0.000	0.000	1.000
75	75	5	0.2000	0.000	0.000	0.000	1.000
76	76	5	0.2000	0.000	0.000	0.000	1.000
77	77	5	0.2000	0.000	0.000	0.000	1.000
78	78	5	0.2000	0.000	0.000	0.000	1.000
79	79	5	0.2000	0.000	0.000	0.000	1.000
80	80	5	0.2000	0.000	0.000	0.000	1.000
81	81	5	0.2000	0.000	0.000	0.000	1.000
82	82	5	0.2000	0.000	0.000	0.000	1.000
83	83	5	0.2000	0.000	0.000	0.000	1.000
84	84	5	0.2000	0.000	0.000	0.000	1.000
85	85	5	0.2000	0.000	0.000	0.000	1.000
86	86	5	0.2000	0.000	0.000	0.000	1.000
87	87	5	0.2000	0.000	0.000	0.000	1.000
88	88	5	0.2000	0.000	0.000	0.000	1.000
89	89	5	0.2000	0.000	0.000	0.000	1.000
90	90	5	0.2000	0.000	0.000	0.000	1.000
91	91	5	0.1000	0.000	0.000	0.000	1.000



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ELEMENT GROUP NO. 2

0\_R  
5 91 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active  
4 active  
5 active

material set no. 1  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

material set no. 4  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 4.00000

material set no. 5  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 5.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000

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29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.2000	0.000	0.000	0.000	2.000
72	72	5	0.2000	0.000	0.000	0.000	2.000
73	73	5	0.2000	0.000	0.000	0.000	2.000
74	74	5	0.2000	0.000	0.000	0.000	2.000
75	75	5	0.2000	0.000	0.000	0.000	2.000
76	76	5	0.2000	0.000	0.000	0.000	2.000
77	77	5	0.2000	0.000	0.000	0.000	2.000
78	78	5	0.2000	0.000	0.000	0.000	2.000
79	79	5	0.2000	0.000	0.000	0.000	2.000
80	80	5	0.2000	0.000	0.000	0.000	2.000
81	81	5	0.2000	0.000	0.000	0.000	2.000
82	82	5	0.2000	0.000	0.000	0.000	2.000
83	83	5	0.2000	0.000	0.000	0.000	2.000
84	84	5	0.2000	0.000	0.000	0.000	2.000
85	85	5	0.2000	0.000	0.000	0.000	2.000
86	86	5	0.2000	0.000	0.000	0.000	2.000
87	87	5	0.2000	0.000	0.000	0.000	2.000
88	88	5	0.2000	0.000	0.000	0.000	2.000
89	89	5	0.2000	0.000	0.000	0.000	2.000
90	90	5	0.2000	0.000	0.000	0.000	2.000
91	91	5	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33 :  
2 90 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active  
4 active  
5 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future .....0.294300E-43

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000  
4 1.000  
5 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000

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42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000
46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000
71	71	72	1	0.000	0.000	0.6225	0.000	0.000
72	72	73	1	0.000	0.000	0.6225	0.000	0.000
73	73	74	1	0.000	0.000	0.6225	0.000	0.000
74	74	75	1	0.000	0.000	0.6225	0.000	0.000
75	75	76	1	0.000	0.000	0.6225	0.000	0.000
76	76	77	1	0.000	0.000	0.6225	0.000	0.000
77	77	78	1	0.000	0.000	0.6225	0.000	0.000
78	78	79	1	0.000	0.000	0.6225	0.000	0.000
79	79	80	1	0.000	0.000	0.6225	0.000	0.000
80	80	81	1	0.000	0.000	0.6225	0.000	0.000
81	81	82	1	0.000	0.000	0.6225	0.000	0.000
82	82	83	1	0.000	0.000	0.6225	0.000	0.000
83	83	84	1	0.000	0.000	0.6225	0.000	0.000
84	84	85	1	0.000	0.000	0.6225	0.000	0.000
85	85	86	1	0.000	0.000	0.6225	0.000	0.000
86	86	87	1	0.000	0.000	0.6225	0.000	0.000
87	87	88	1	0.000	0.000	0.6225	0.000	0.000
88	88	89	1	0.000	0.000	0.6225	0.000	0.000
89	89	90	1	0.000	0.000	0.6225	0.000	0.000
90	90	91	1	0.000	0.000	0.6225	0.000	0.000

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ELEMENT GROUP NO. 4

Tieback\_652

6 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0

.....2D POST-TENSION ANCHOR.....

element group behaviour throughout stage analysis

stage status

1 inactive  
2 inactive  
3 active  
4 active  
5 active

material set no. 1

prop( 1) angle 15.0000  
prop( 2) young modulus 0.200100E+09  
prop( 3) modification time 0.00000  
prop( 4) new young modulus 0.00000

no. of step variable items: 2

step	-ve lim	+ve lim
1	0.000	0.000
2	0.000	0.000
3	0.000	0.000
4	0.000	0.000
5	0.000	0.000

element data

el	n	mat	a/l	pinit	yieldc	yieldt
1	16	1	0.2059E-04	250.0	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 10  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
3.80000	0.0000E+00
4.00000	0.1000E+01
4.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
4.80000	0.0000E+00
5.00000	0.1000E+01
5.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
6.00000	0.1000E+01

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LOAD FUNCTION NUMBER = 7  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 8  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 9  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
3.80000	0.0000E+00
4.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 10  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
4.80000	0.0000E+00
5.00000	0.1000E+01
6.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 4.511  
Z-COORD 0.000 PRESSURE 4.511  
L.CURVE 5

NO. OF GENERATED NODAL FORCES		48							
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE
48	-.9400E+01	0.6790609E+00 /	47	-.9200E+01	0.9069992E+00 /	46	-.9000E+01	0.9069992E+00 /	
45	-.8800E+01	0.9069969E+00 /	44	-.8600E+01	0.9069969E+00 /	43	-.8400E+01	0.9069992E+00 /	
42	-.8200E+01	0.9069992E+00 /	41	-.8000E+01	0.9069992E+00 /	40	-.7800E+01	0.9069969E+00 /	
39	-.7600E+01	0.9069969E+00 /	38	-.7400E+01	0.9069992E+00 /	37	-.7200E+01	0.9069992E+00 /	
36	-.7000E+01	0.9069992E+00 /	35	-.6800E+01	0.9069969E+00 /	34	-.6600E+01	0.9069969E+00 /	
33	-.6400E+01	0.9069992E+00 /	32	-.6200E+01	0.9069992E+00 /	31	-.6000E+01	0.9069992E+00 /	
30	-.5800E+01	0.9069992E+00 /	29	-.5600E+01	0.9069969E+00 /	28	-.5400E+01	0.9069969E+00 /	
27	-.5200E+01	0.9069992E+00 /	26	-.5000E+01	0.9069992E+00 /	25	-.4800E+01	0.9069992E+00 /	
24	-.4600E+01	0.9069969E+00 /	23	-.4400E+01	0.9069969E+00 /	22	-.4200E+01	0.9069992E+00 /	
21	-.4000E+01	0.9069992E+00 /	20	-.3800E+01	0.9069992E+00 /	19	-.3600E+01	0.9069992E+00 /	
18	-.3400E+01	0.9069992E+00 /	17	-.3200E+01	0.9069992E+00 /	16	-.3000E+01	0.9069992E+00 /	
15	-.2800E+01	0.9069992E+00 /	14	-.2600E+01	0.9069992E+00 /	13	-.2400E+01	0.9069992E+00 /	
12	-.2200E+01	0.9069992E+00 /	11	-.2000E+01	0.9069992E+00 /	10	-.1800E+01	0.9069992E+00 /	
9	-.1600E+01	0.9069992E+00 /	8	-.1400E+01	0.9069992E+00 /	7	-.1200E+01	0.9069992E+00 /	
6	-.1000E+01	0.9069992E+00 /	5	-.8000E+00	0.9069992E+00 /	4	-.6000E+00	0.9069992E+00 /	
3	-.4000E+00	0.9069992E+00 /	2	-.2000E+00	0.9069992E+00 /	1	0.0000E+00	0.4534996E+00 /	

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 42.854

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 0.7766  
Z-COORD 0.000 PRESSURE 0.7766  
L.CURVE 5

NO. OF GENERATED NODAL FORCES		48							
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE
48	-.9400E+01	0.1169050E+00 /	47	-.9200E+01	0.1561462E+00 /	46	-.9000E+01	0.1561462E+00 /	
45	-.8800E+01	0.1561458E+00 /	44	-.8600E+01	0.1561458E+00 /	43	-.8400E+01	0.1561462E+00 /	
42	-.8200E+01	0.1561462E+00 /	41	-.8000E+01	0.1561462E+00 /	40	-.7800E+01	0.1561458E+00 /	
39	-.7600E+01	0.1561458E+00 /	38	-.7400E+01	0.1561462E+00 /	37	-.7200E+01	0.1561462E+00 /	
36	-.7000E+01	0.1561462E+00 /	35	-.6800E+01	0.1561458E+00 /	34	-.6600E+01	0.1561458E+00 /	
33	-.6400E+01	0.1561462E+00 /	32	-.6200E+01	0.1561462E+00 /	31	-.6000E+01	0.1561462E+00 /	



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30	- .5800E+01	0.1561462E+00 /	29	- .5600E+01	0.1561458E+00 /	28	- .5400E+01	0.1561458E+00 /
27	- .5200E+01	0.1561462E+00 /	26	- .5000E+01	0.1561462E+00 /	25	- .4800E+01	0.1561462E+00 /
24	- .4600E+01	0.1561458E+00 /	23	- .4400E+01	0.1561458E+00 /	22	- .4200E+01	0.1561462E+00 /
21	- .4000E+01	0.1561462E+00 /	20	- .3800E+01	0.1561462E+00 /	19	- .3600E+01	0.1561462E+00 /
18	- .3400E+01	0.1561462E+00 /	17	- .3200E+01	0.1561462E+00 /	16	- .3000E+01	0.1561462E+00 /
15	- .2800E+01	0.1561462E+00 /	14	- .2600E+01	0.1561462E+00 /	13	- .2400E+01	0.1561462E+00 /
12	- .2200E+01	0.1561462E+00 /	11	- .2000E+01	0.1561462E+00 /	10	- .1800E+01	0.1561462E+00 /
9	- .1600E+01	0.1561462E+00 /	8	- .1400E+01	0.1561462E+00 /	7	- .1200E+01	0.1561462E+00 /
6	- .1000E+01	0.1561462E+00 /	5	- .8000E+00	0.1561462E+00 /	4	- .6000E+00	0.1561462E+00 /
3	- .4000E+00	0.1561462E+00 /	2	- .2000E+00	0.1561462E+00 /	1	0.0000E+00	0.7807311E-01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 7.3777

PROCESSING DISTRIBUTED LOADS CARD NO. 3  
 AT Y-COORD 0.000 Z-COORD -8.700 PRESSURE 1.984  
 Z-COORD -8.500 PRESSURE 0.000  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
44	- .8600E+01	0.1984000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.19840

PROCESSING DISTRIBUTED LOADS CARD NO. 4  
 AT Y-COORD 0.000 Z-COORD -8.900 PRESSURE 2.806  
 Z-COORD -8.700 PRESSURE 1.984  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
45	- .8800E+01	0.4790000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.47900

PROCESSING DISTRIBUTED LOADS CARD NO. 5  
 AT Y-COORD 0.000 Z-COORD -9.100 PRESSURE 3.437  
 Z-COORD -8.900 PRESSURE 2.806  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
46	- .9000E+01	0.6243000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.62430

PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -9.300 PRESSURE 3.969  
 Z-COORD -9.100 PRESSURE 3.437  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
47	- .9200E+01	0.7406000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.74060

PROCESSING DISTRIBUTED LOADS CARD NO. 7  
 AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 4.437  
 Z-COORD -9.300 PRESSURE 3.969  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
48	- .9400E+01	0.8406000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.84060

PROCESSING DISTRIBUTED LOADS CARD NO. 8  
 AT Y-COORD 0.000 Z-COORD -9.700 PRESSURE 4.860  
 Z-COORD -9.500 PRESSURE 4.437  
 L.CURVE 5

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NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 49 -.9600E+01 0.9297000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.92970

PROCESSING DISTRIBUTED LOADS CARD NO. 9  
 AT Y-COORD 0.000 Z-COORD -9.900 PRESSURE 5.250  
 Z-COORD -9.700 PRESSURE 4.860  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 50 -.9800E+01 0.1011000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0110

PROCESSING DISTRIBUTED LOADS CARD NO. 10  
 AT Y-COORD 0.000 Z-COORD -10.10 PRESSURE 5.612  
 Z-COORD -9.900 PRESSURE 5.250  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 51 -.1000E+02 0.1086200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0862

PROCESSING DISTRIBUTED LOADS CARD NO. 11  
 AT Y-COORD 0.000 Z-COORD -10.30 PRESSURE 5.953  
 Z-COORD -10.10 PRESSURE 5.612  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 52 -.1020E+02 0.1156500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1565

PROCESSING DISTRIBUTED LOADS CARD NO. 12  
 AT Y-COORD 0.000 Z-COORD -10.50 PRESSURE 6.275  
 Z-COORD -10.30 PRESSURE 5.953  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 53 -.1040E+02 0.1222800E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2228

PROCESSING DISTRIBUTED LOADS CARD NO. 13  
 AT Y-COORD 0.000 Z-COORD -10.70 PRESSURE 6.581  
 Z-COORD -10.50 PRESSURE 6.275  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 54 -.1060E+02 0.1285600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2856

PROCESSING DISTRIBUTED LOADS CARD NO. 14  
 AT Y-COORD 0.000 Z-COORD -10.90 PRESSURE 6.874  
 Z-COORD -10.70 PRESSURE 6.581  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 55 -.1080E+02 0.1345500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3455

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PROCESSING DISTRIBUTED LOADS CARD NO. 15  
 AT Y-COORD 0.000 Z-COORD -11.10 PRESSURE 7.154  
 Z-COORD -10.90 PRESSURE 6.874  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
56	-.1100E+02	0.1402800E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4028

PROCESSING DISTRIBUTED LOADS CARD NO. 16  
 AT Y-COORD 0.000 Z-COORD -11.30 PRESSURE 7.425  
 Z-COORD -11.10 PRESSURE 7.154  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
57	-.1120E+02	0.1457900E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4579

PROCESSING DISTRIBUTED LOADS CARD NO. 17  
 AT Y-COORD 0.000 Z-COORD -11.50 PRESSURE 7.685  
 Z-COORD -11.30 PRESSURE 7.425  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
58	-.1140E+02	0.1511000E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5110

PROCESSING DISTRIBUTED LOADS CARD NO. 18  
 AT Y-COORD 0.000 Z-COORD -11.70 PRESSURE 7.937  
 Z-COORD -11.50 PRESSURE 7.685  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
59	-.1160E+02	0.1562200E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5622

PROCESSING DISTRIBUTED LOADS CARD NO. 19  
 AT Y-COORD 0.000 Z-COORD -11.90 PRESSURE 8.181  
 Z-COORD -11.70 PRESSURE 7.937  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
60	-.1180E+02	0.1611800E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6118

PROCESSING DISTRIBUTED LOADS CARD NO. 20  
 AT Y-COORD 0.000 Z-COORD -12.10 PRESSURE 8.419  
 Z-COORD -11.90 PRESSURE 8.181  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
61	-.1200E+02	0.1660000E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6600

PROCESSING DISTRIBUTED LOADS CARD NO. 21  
 AT Y-COORD 0.000 Z-COORD -12.30 PRESSURE 8.649  
 Z-COORD -12.10 PRESSURE 8.419

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NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
62	-.1220E+02	0.1706800E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7068

PROCESSING DISTRIBUTED LOADS CARD NO. 22

AT Y-COORD	0.000	Z-COORD	-12.50	PRESSURE	8.874
		Z-COORD	-12.30	PRESSURE	8.649

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
63	-.1240E+02	0.1752300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7523

PROCESSING DISTRIBUTED LOADS CARD NO. 23

AT Y-COORD	0.000	Z-COORD	-12.70	PRESSURE	9.093
		Z-COORD	-12.50	PRESSURE	8.874

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
64	-.1260E+02	0.1796700E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7967

PROCESSING DISTRIBUTED LOADS CARD NO. 24

AT Y-COORD	0.000	Z-COORD	-12.90	PRESSURE	9.307
		Z-COORD	-12.70	PRESSURE	9.093

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
65	-.1280E+02	0.1840000E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8400

PROCESSING DISTRIBUTED LOADS CARD NO. 25

AT Y-COORD	0.000	Z-COORD	-13.10	PRESSURE	9.516
		Z-COORD	-12.90	PRESSURE	9.307

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
66	-.1300E+02	0.1882300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8823

PROCESSING DISTRIBUTED LOADS CARD NO. 26

AT Y-COORD	0.000	Z-COORD	-13.30	PRESSURE	9.721
		Z-COORD	-13.10	PRESSURE	9.516

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
67	-.1320E+02	0.1923700E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9237

PROCESSING DISTRIBUTED LOADS CARD NO. 27

AT Y-COORD	0.000	Z-COORD	-13.50	PRESSURE	9.921
		Z-COORD	-13.30	PRESSURE	9.721

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
68	-.1340E+02	0.1964200E+01 /				

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9642

PROCESSING DISTRIBUTED LOADS CARD NO. 28  
AT Y-COORD 0.000 Z-COORD -13.70 PRESSURE 10.12  
Z-COORD -13.50 PRESSURE 9.921

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
69 -.1360E+02 0.2004100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0041

PROCESSING DISTRIBUTED LOADS CARD NO. 29  
AT Y-COORD 0.000 Z-COORD -13.90 PRESSURE 10.31  
Z-COORD -13.70 PRESSURE 10.12

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
70 -.1380E+02 0.2043000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0430

PROCESSING DISTRIBUTED LOADS CARD NO. 30  
AT Y-COORD 0.000 Z-COORD -14.10 PRESSURE 10.50  
Z-COORD -13.90 PRESSURE 10.31

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
71 -.1400E+02 0.2081000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0810

PROCESSING DISTRIBUTED LOADS CARD NO. 31  
AT Y-COORD 0.000 Z-COORD -14.30 PRESSURE 10.69  
Z-COORD -14.10 PRESSURE 10.50

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
72 -.1420E+02 0.2119000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1190

PROCESSING DISTRIBUTED LOADS CARD NO. 32  
AT Y-COORD 0.000 Z-COORD -14.50 PRESSURE 10.87  
Z-COORD -14.30 PRESSURE 10.69

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
73 -.1440E+02 0.2156000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1560

PROCESSING DISTRIBUTED LOADS CARD NO. 33  
AT Y-COORD 0.000 Z-COORD -14.70 PRESSURE 11.05  
Z-COORD -14.50 PRESSURE 10.87

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
74 -.1460E+02 0.2192000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1920

PROCESSING DISTRIBUTED LOADS CARD NO. 34

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AT Y-COORD 0.000 Z-COORD -14.90 PRESSURE 11.22  
 Z-COORD -14.70 PRESSURE 11.05  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 75 -.1480E+02 0.2227000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2270

PROCESSING DISTRIBUTED LOADS CARD NO. 35  
 AT Y-COORD 0.000 Z-COORD -15.10 PRESSURE 11.40  
 Z-COORD -14.90 PRESSURE 11.22  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 76 -.1500E+02 0.2262000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2620

PROCESSING DISTRIBUTED LOADS CARD NO. 36  
 AT Y-COORD 0.000 Z-COORD -15.30 PRESSURE 11.57  
 Z-COORD -15.10 PRESSURE 11.40  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 77 -.1520E+02 0.2297000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2970

PROCESSING DISTRIBUTED LOADS CARD NO. 37  
 AT Y-COORD 0.000 Z-COORD -15.50 PRESSURE 11.74  
 Z-COORD -15.30 PRESSURE 11.57  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 78 -.1540E+02 0.2331000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3310

PROCESSING DISTRIBUTED LOADS CARD NO. 38  
 AT Y-COORD 0.000 Z-COORD -15.70 PRESSURE 11.91  
 Z-COORD -15.50 PRESSURE 11.74  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 79 -.1560E+02 0.2365000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3650

PROCESSING DISTRIBUTED LOADS CARD NO. 39  
 AT Y-COORD 0.000 Z-COORD -15.90 PRESSURE 12.07  
 Z-COORD -15.70 PRESSURE 11.91  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 80 -.1580E+02 0.2398000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3980

PROCESSING DISTRIBUTED LOADS CARD NO. 40  
 AT Y-COORD 0.000 Z-COORD -16.10 PRESSURE 12.23  
 Z-COORD -15.90 PRESSURE 12.07  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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81 -.1600E+02 0.2430000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4300

PROCESSING DISTRIBUTED LOADS CARD NO. 41  
AT Y-COORD 0.000 Z-COORD -16.30 PRESSURE 12.39  
Z-COORD -16.10 PRESSURE 12.23  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

82 -.1620E+02 0.2462000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4620

PROCESSING DISTRIBUTED LOADS CARD NO. 42  
AT Y-COORD 0.000 Z-COORD -16.50 PRESSURE 12.55  
Z-COORD -16.30 PRESSURE 12.39  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

83 -.1640E+02 0.2494000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4940

PROCESSING DISTRIBUTED LOADS CARD NO. 43  
AT Y-COORD 0.000 Z-COORD -16.70 PRESSURE 12.71  
Z-COORD -16.50 PRESSURE 12.55  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

84 -.1660E+02 0.2526000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5260

PROCESSING DISTRIBUTED LOADS CARD NO. 44  
AT Y-COORD 0.000 Z-COORD -16.90 PRESSURE 12.86  
Z-COORD -16.70 PRESSURE 12.71  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

85 -.1680E+02 0.2557000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5570

PROCESSING DISTRIBUTED LOADS CARD NO. 45  
AT Y-COORD 0.000 Z-COORD -17.10 PRESSURE 13.01  
Z-COORD -16.90 PRESSURE 12.86  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

86 -.1700E+02 0.2587000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5870

PROCESSING DISTRIBUTED LOADS CARD NO. 46  
AT Y-COORD 0.000 Z-COORD -17.30 PRESSURE 13.16  
Z-COORD -17.10 PRESSURE 13.01  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

87 -.1720E+02 0.2617000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6170

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PROCESSING DISTRIBUTED LOADS CARD NO. 47  
 AT Y-COORD 0.000 Z-COORD -17.50 PRESSURE 13.31  
 Z-COORD -17.30 PRESSURE 13.16  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 88 -.1740E+02 0.2647000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6470

PROCESSING DISTRIBUTED LOADS CARD NO. 48  
 AT Y-COORD 0.000 Z-COORD -17.70 PRESSURE 13.46  
 Z-COORD -17.50 PRESSURE 13.31  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 89 -.1760E+02 0.2677000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6770

PROCESSING DISTRIBUTED LOADS CARD NO. 49  
 AT Y-COORD 0.000 Z-COORD -17.90 PRESSURE 13.60  
 Z-COORD -17.70 PRESSURE 13.46  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 90 -.1780E+02 0.2706000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.7060

PROCESSING DISTRIBUTED LOADS CARD NO. 50  
 AT Y-COORD 0.000 Z-COORD -18.00 PRESSURE 13.68  
 Z-COORD -17.90 PRESSURE 13.60  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 91 -.1800E+02 0.1364000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3640

PROCESSING DISTRIBUTED LOADS CARD NO. 51  
 AT Y-COORD 0.000 Z-COORD -10.20 PRESSURE 1.821  
 Z-COORD -10.00 PRESSURE 0.000  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 52 -.1020E+02 0.1821000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.18210

PROCESSING DISTRIBUTED LOADS CARD NO. 52  
 AT Y-COORD 0.000 Z-COORD -10.40 PRESSURE 2.575  
 Z-COORD -10.20 PRESSURE 1.821  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 53 -.1040E+02 0.4396000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.43960

PROCESSING DISTRIBUTED LOADS CARD NO. 53  
 AT Y-COORD 0.000 Z-COORD -10.60 PRESSURE 3.154  
 Z-COORD -10.40 PRESSURE 2.575  
 L.CURVE 5



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NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 54 -.1060E+02 0.5729000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.57290

PROCESSING DISTRIBUTED LOADS CARD NO. 54  
 AT Y-COORD 0.000 Z-COORD -10.80 PRESSURE 3.642  
 Z-COORD -10.60 PRESSURE 3.154  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 55 -.1080E+02 0.6796000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.67960

PROCESSING DISTRIBUTED LOADS CARD NO. 55  
 AT Y-COORD 0.000 Z-COORD -11.00 PRESSURE 4.072  
 Z-COORD -10.80 PRESSURE 3.642  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 56 -.1100E+02 0.7714000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.77140

PROCESSING DISTRIBUTED LOADS CARD NO. 56  
 AT Y-COORD 0.000 Z-COORD -11.20 PRESSURE 4.460  
 Z-COORD -11.00 PRESSURE 4.072  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 57 -.1120E+02 0.8532000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.85320

PROCESSING DISTRIBUTED LOADS CARD NO. 57  
 AT Y-COORD 0.000 Z-COORD -11.40 PRESSURE 4.818  
 Z-COORD -11.20 PRESSURE 4.460  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 58 -.1140E+02 0.9278000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.92780

PROCESSING DISTRIBUTED LOADS CARD NO. 58  
 AT Y-COORD 0.000 Z-COORD -11.60 PRESSURE 5.150  
 Z-COORD -11.40 PRESSURE 4.818  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 59 -.1160E+02 0.9968000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.99680

PROCESSING DISTRIBUTED LOADS CARD NO. 59  
 AT Y-COORD 0.000 Z-COORD -11.80 PRESSURE 5.463  
 Z-COORD -11.60 PRESSURE 5.150  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 60 -.1180E+02 0.1061300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0613

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PROCESSING DISTRIBUTED LOADS CARD NO. 60  
AT Y-COORD 0.000 Z-COORD -12.00 PRESSURE 5.758  
Z-COORD -11.80 PRESSURE 5.463  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
61 -.1200E+02 0.1122100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1221

PROCESSING DISTRIBUTED LOADS CARD NO. 61  
AT Y-COORD 0.000 Z-COORD -12.20 PRESSURE 6.039  
Z-COORD -12.00 PRESSURE 5.758  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
62 -.1220E+02 0.1179700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1797

PROCESSING DISTRIBUTED LOADS CARD NO. 62  
AT Y-COORD 0.000 Z-COORD -12.40 PRESSURE 6.308  
Z-COORD -12.20 PRESSURE 6.039  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
63 -.1240E+02 0.1234700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2347

PROCESSING DISTRIBUTED LOADS CARD NO. 63  
AT Y-COORD 0.000 Z-COORD -12.60 PRESSURE 6.565  
Z-COORD -12.40 PRESSURE 6.308  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
64 -.1260E+02 0.1287300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2873

PROCESSING DISTRIBUTED LOADS CARD NO. 64  
AT Y-COORD 0.000 Z-COORD -12.80 PRESSURE 6.813  
Z-COORD -12.60 PRESSURE 6.565  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
65 -.1280E+02 0.1337800E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3378

PROCESSING DISTRIBUTED LOADS CARD NO. 65  
AT Y-COORD 0.000 Z-COORD -13.00 PRESSURE 7.052  
Z-COORD -12.80 PRESSURE 6.813  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
66 -.1300E+02 0.1386500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3865

PROCESSING DISTRIBUTED LOADS CARD NO. 66  
AT Y-COORD 0.000 Z-COORD -13.20 PRESSURE 7.284  
Z-COORD -13.00 PRESSURE 7.052

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L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
67	-.1320E+02	0.1433600E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4336

PROCESSING DISTRIBUTED LOADS CARD NO. 67

AT Y-COORD 0.000 Z-COORD -13.40 PRESSURE 7.508

Z-COORD -13.20 PRESSURE 7.284

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
68	-.1340E+02	0.1479200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4792

PROCESSING DISTRIBUTED LOADS CARD NO. 68

AT Y-COORD 0.000 Z-COORD -13.60 PRESSURE 7.725

Z-COORD -13.40 PRESSURE 7.508

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
69	-.1360E+02	0.1523300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5233

PROCESSING DISTRIBUTED LOADS CARD NO. 69

AT Y-COORD 0.000 Z-COORD -13.80 PRESSURE 7.937

Z-COORD -13.60 PRESSURE 7.725

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
70	-.1380E+02	0.1566200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5662

PROCESSING DISTRIBUTED LOADS CARD NO. 70

AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 8.143

Z-COORD -13.80 PRESSURE 7.937

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
71	-.1400E+02	0.1608000E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6080

PROCESSING DISTRIBUTED LOADS CARD NO. 71

AT Y-COORD 0.000 Z-COORD -14.20 PRESSURE 8.344

Z-COORD -14.00 PRESSURE 8.143

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
72	-.1420E+02	0.1648700E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6487

PROCESSING DISTRIBUTED LOADS CARD NO. 72

AT Y-COORD 0.000 Z-COORD -14.40 PRESSURE 8.541

Z-COORD -14.20 PRESSURE 8.344

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
73	-.1440E+02	0.1688500E+01 /				

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6885

PROCESSING DISTRIBUTED LOADS CARD NO. 73  
AT Y-COORD 0.000 Z-COORD -14.60 PRESSURE 8.733  
Z-COORD -14.40 PRESSURE 8.541  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
74 -.1460E+02 0.1727400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7274

PROCESSING DISTRIBUTED LOADS CARD NO. 74  
AT Y-COORD 0.000 Z-COORD -14.80 PRESSURE 8.921  
Z-COORD -14.60 PRESSURE 8.733  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
75 -.1480E+02 0.1765400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7654

PROCESSING DISTRIBUTED LOADS CARD NO. 75  
AT Y-COORD 0.000 Z-COORD -15.00 PRESSURE 9.105  
Z-COORD -14.80 PRESSURE 8.921  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
76 -.1500E+02 0.1802600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8026

PROCESSING DISTRIBUTED LOADS CARD NO. 76  
AT Y-COORD 0.000 Z-COORD -15.20 PRESSURE 9.285  
Z-COORD -15.00 PRESSURE 9.105  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
77 -.1520E+02 0.1839000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8390

PROCESSING DISTRIBUTED LOADS CARD NO. 77  
AT Y-COORD 0.000 Z-COORD -15.40 PRESSURE 9.462  
Z-COORD -15.20 PRESSURE 9.285  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
78 -.1540E+02 0.1874700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8747

PROCESSING DISTRIBUTED LOADS CARD NO. 78  
AT Y-COORD 0.000 Z-COORD -15.60 PRESSURE 9.635  
Z-COORD -15.40 PRESSURE 9.462  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
79 -.1560E+02 0.1909700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9097

PROCESSING DISTRIBUTED LOADS CARD NO. 79

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AT Y-COORD 0.000 Z-COORD -15.80 PRESSURE 9.806  
 Z-COORD -15.60 PRESSURE 9.635  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 80 -.1580E+02 0.1944100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9441

PROCESSING DISTRIBUTED LOADS CARD NO. 80  
 AT Y-COORD 0.000 Z-COORD -16.00 PRESSURE 9.973  
 Z-COORD -15.80 PRESSURE 9.806  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 81 -.1600E+02 0.1977900E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9779

PROCESSING DISTRIBUTED LOADS CARD NO. 81  
 AT Y-COORD 0.000 Z-COORD -16.20 PRESSURE 10.14  
 Z-COORD -16.00 PRESSURE 9.973  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 82 -.1620E+02 0.2011300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0113

PROCESSING DISTRIBUTED LOADS CARD NO. 82  
 AT Y-COORD 0.000 Z-COORD -16.40 PRESSURE 10.30  
 Z-COORD -16.20 PRESSURE 10.14  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 83 -.1640E+02 0.2044000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0440

PROCESSING DISTRIBUTED LOADS CARD NO. 83  
 AT Y-COORD 0.000 Z-COORD -16.60 PRESSURE 10.46  
 Z-COORD -16.40 PRESSURE 10.30  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 84 -.1660E+02 0.2076000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0760

PROCESSING DISTRIBUTED LOADS CARD NO. 84  
 AT Y-COORD 0.000 Z-COORD -16.80 PRESSURE 10.62  
 Z-COORD -16.60 PRESSURE 10.46  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 85 -.1680E+02 0.2108000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1080

PROCESSING DISTRIBUTED LOADS CARD NO. 85  
 AT Y-COORD 0.000 Z-COORD -17.00 PRESSURE 10.77  
 Z-COORD -16.80 PRESSURE 10.62  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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86 -.1700E+02 0.2139000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1390

PROCESSING DISTRIBUTED LOADS CARD NO. 86  
AT Y-COORD 0.000 Z-COORD -17.20 PRESSURE 10.93  
Z-COORD -17.00 PRESSURE 10.77  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

87 -.1720E+02 0.2170000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1700

PROCESSING DISTRIBUTED LOADS CARD NO. 87  
AT Y-COORD 0.000 Z-COORD -17.40 PRESSURE 11.08  
Z-COORD -17.20 PRESSURE 10.93  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

88 -.1740E+02 0.2201000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2010

PROCESSING DISTRIBUTED LOADS CARD NO. 88  
AT Y-COORD 0.000 Z-COORD -17.60 PRESSURE 11.22  
Z-COORD -17.40 PRESSURE 11.08  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

89 -.1760E+02 0.2230000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2300

PROCESSING DISTRIBUTED LOADS CARD NO. 89  
AT Y-COORD 0.000 Z-COORD -17.80 PRESSURE 11.37  
Z-COORD -17.60 PRESSURE 11.22  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

90 -.1780E+02 0.2259000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2590

PROCESSING DISTRIBUTED LOADS CARD NO. 90  
AT Y-COORD 0.000 Z-COORD -18.00 PRESSURE 11.52  
Z-COORD -17.80 PRESSURE 11.37  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

91 -.1800E+02 0.1152000E+01 / 90 -.1780E+02 0.1137000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2890

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 91  
AT Y-COORD 0.000 Z-COORD -18.00 PRESSURE 11.52  
Z-COORD -18.00 PRESSURE 11.52  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD

1.1520

NO. OF DISTRIBUTED LOAD CARDS    91

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L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 4 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 4 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 5 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 199.26660  
STEP 5 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED



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NO. OF LAYERS ..... 5  
NO. OF DATA PER LAYER..... 100



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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 15.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 16.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

## GENERAL CONTRACTOR

Cepav due



## ALTA SORVEGLIANZA



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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 2

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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ITEM NO.	1	NAME	= 18.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -14.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 19.200	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 10.300	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.75000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1	NAME	= 14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	= 15.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	= 16.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	

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ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	= 17.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 3

ITEM NO.	1	NAME	= 18.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -14.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 19.200	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 10.300	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.75000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 4

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 4

ITEM NO.	1	NAME	= 14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	

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ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 5.0000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 23.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.37600	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 3.0390	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 5.0000	(BOTH WALLS)	
ITEM NO.	59	&lt;D-FRICT	&gt;= 23.000	(BOTH WALLS)	
ITEM NO.	60	&lt;D-KA	&gt;= 0.37600	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 3.0390	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 4

ITEM NO.	1	&lt;NAME	&gt;= 15.000	(BOTH WALLS)	
ITEM NO.	2	&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	&lt;LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4	&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	&lt;GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	59	&lt;D-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	60	&lt;D-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 4

ITEM NO.	1	&lt;NAME	&gt;= 16.000	(BOTH WALLS)	
ITEM NO.	2	&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	&lt;LEVEL	&gt;= -5.0000	(BOTH WALLS)	
ITEM NO.	4	&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 20.000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 20.000	(BOTH WALLS)	
ITEM NO.	59	&lt;D-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	60	&lt;D-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 4

ITEM NO.	1	&lt;NAME	&gt;= 17.000	(BOTH WALLS)	
ITEM NO.	2	&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	&lt;LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4	&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 30.000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 36.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.21500	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 6.9780	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	



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ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 5

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.42200 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.47700 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 2.9020 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 2.7370 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.42200 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.47700 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 2.9020 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 2.7370 WALL NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)



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ITEM NO.	8	U-COHE	10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.23700	WALL NO.	1
ITEM NO.	46	U-KAEW	0.26500	WALL NO.	1
ITEM NO.	47	U-KPED	7.2680	WALL NO.	1
ITEM NO.	48	U-KPEW	7.0480	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.23700	WALL NO.	1
ITEM NO.	96	D-KAEW	0.26500	WALL NO.	1
ITEM NO.	97	D-KPED	7.2680	WALL NO.	1
ITEM NO.	98	D-KPEW	7.0480	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 5

ITEM NO.	1	NAME	16.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.23700	WALL NO.	1
ITEM NO.	46	U-KAEW	0.26400	WALL NO.	1
ITEM NO.	47	U-KPED	7.2680	WALL NO.	1
ITEM NO.	48	U-KPEW	7.0530	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.23700	WALL NO.	1
ITEM NO.	96	D-KAEW	0.26400	WALL NO.	1
ITEM NO.	97	D-KPED	7.2680	WALL NO.	1
ITEM NO.	98	D-KPEW	7.0530	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 5

ITEM NO.	1	NAME	17.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.21500	WALL NO.	1
ITEM NO.	11	U-KP	6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.24800	WALL NO.	1
ITEM NO.	46	U-KAEW	0.27500	WALL NO.	1
ITEM NO.	47	U-KPED	6.7390	WALL NO.	1
ITEM NO.	48	U-KPEW	6.5350	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	30.000	(BOTH WALLS)	

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ITEM NO.	59	D-FRICT	&gt;= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	&gt;= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	&gt;= 0.24800	WALL NO.	1
ITEM NO.	96	D-KAEW	&gt;= 0.27500	WALL NO.	1
ITEM NO.	97	D-KPED	&gt;= 6.7390	WALL NO.	1
ITEM NO.	98	D-KPEW	&gt;= 6.5350	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 5

ITEM NO.	1	NAME	&gt;= 18.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -14.000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 19.200	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 10.300	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	&gt;= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	&gt;= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.75000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	&gt;= 0.24800	WALL NO.	1
ITEM NO.	46	U-KAEW	&gt;= 0.28000	WALL NO.	1
ITEM NO.	47	U-KPED	&gt;= 6.7390	WALL NO.	1
ITEM NO.	48	U-KPEW	&gt;= 6.5040	WALL NO.	1
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	&gt;= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	&gt;= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	&gt;= 0.24800	WALL NO.	1
ITEM NO.	96	D-KAEW	&gt;= 0.28000	WALL NO.	1
ITEM NO.	97	D-KPED	&gt;= 6.7390	WALL NO.	1
ITEM NO.	98	D-KPEW	&gt;= 6.5040	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 25 VALUES

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PHASE DESCRIPTORS

STEP NO. 1

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	0.000	0.000
Z-WATER_TABLE	-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 1

STEP NO. 2

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.500	0.000
Z-WATER_TABLE	-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.500	0.000
Z-WATER_TABLE	-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

STEP NO.	LEFT WALL	RIGHT WALL
4		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 4

STEP NO.	LEFT WALL	RIGHT WALL
5		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000

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PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6180E-01	0.000
MANUAL		
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	26.57	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 5

LEFT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

RIGHT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 376

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 8.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.7600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.1200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 227  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 228  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 229  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 230  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.760000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 231  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.120000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 232  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.480000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 233  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.840000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 234  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.200000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 235  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.560000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 236  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 237  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 238  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 239  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 240  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 241  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 242  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 243  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 244  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 245  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 246  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 247  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 248  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 249  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 250  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 251  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 252  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 253  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 254  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 255  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 256  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 257  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 258  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 259  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 260  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 261  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 262  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 263  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 264  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 265  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 266  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 267  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 268  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 269  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 270  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 271  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 272  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 273  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 274  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 275  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 276  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 277  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 278  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 279  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 280  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 281  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 282  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 283  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 284  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 285  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 286  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 287  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 288  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 289  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 290  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 291  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 292  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 293  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 294  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 295  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 296  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 297  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 298  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 299  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 300  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 301  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 302  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 303  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 304  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 305  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 306  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 307  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 308  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 309  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 310  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 311  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 312  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 313  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 314  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 315  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 316  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 317  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 318  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 319  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 320  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 321  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 322  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 323  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 324  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 325  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 326  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 327  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 328  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 329  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 330  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 331  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 332  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 333  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 334  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 335  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 336  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 337  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 338  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 339  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 340  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 341  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 342  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 343  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 344  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 345  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 346  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 347  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 348  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 349  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 350  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 351  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 352  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 353  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 354  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 355  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 356  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 357  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 358  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 359  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 360  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 361  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 362  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 363  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 364  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 365  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 366  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 367  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 368  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 369  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 370  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 371  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 372  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 373  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 374  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 375  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 376  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 10660

NO. OF D.P.W FOR THIS AREA 10795  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3112E+06 RIMNOR= 0.000  
RENORM=0.1338E-26 REMNOR= 0.000 RATIO =0.6558E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.29 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3112E+06 RDR = 0.000  
RATIOT=0.6558E-16 RATIOR= 0.000  
MAX UN=0.1421E-13 IEQ= 165 NODE 83 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 153 NODE 77 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3112E+06 RIMNOR= 0.000  
RENORM=0.2007E-28 REMNOR=0.1303E-52 RATIO =0.8030E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.29 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3112E+06 RDR = 0.000  
RATIOT=0.8030E-17 RATIOR= 0.000  
MAX UN=0.8052E-15 IEQ= 165 NODE 83 DOF 1 Y-DISPL.F  
MIN UN=-.5510E-16 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3112E+06 RIMNOR= 0.000  
RENORM=0.1895E-28 REMNOR=0.4102E-52 RATIO =0.7803E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.29 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3112E+06 RDR = 0.000  
RATIOT=0.7803E-17 RATIOR= 0.000  
MAX UN=0.8097E-15 IEQ= 179 NODE 90 DOF 1 Y-DISPL.F  
MIN UN=-.3534E-16 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63

Exe Time : 8 June 2018 11:15:43

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS



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33 D	28.13	-4.4262E-20	105.9 81.63 105.9	81.63	V-C 6.2678E+04 -6.400 59.00 1.000 1.000
140.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.86	-4.4002E-20	108.3 83.30 108.3	83.30	V-C 6.2678E+04 -6.600 61.00 1.000 1.000
144.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.59	-4.3606E-20	111.7 84.97 111.7	84.97	V-C 6.2678E+04 -6.800 63.00 1.000 1.000
148.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.33	-4.3090E-20	114.5 86.63 114.5	86.63	V-C 6.2678E+04 -7.000 65.00 1.000 1.000
151.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.06	-4.2462E-20	117.4 88.28 117.4	88.28	V-C 6.2678E+04 -7.200 67.00 1.000 1.000
155.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.79	-4.1727E-20	120.2 89.93 120.2	89.93	V-C 6.2678E+04 -7.400 69.00 1.000 1.000
158.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.52	-4.0886E-20	123.4 91.58 123.4	91.58	V-C 6.2678E+04 -7.600 71.00 1.000 1.000
162.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.25	-3.9920E-20	126.1 93.23 126.1	93.23	V-C 6.2678E+04 -7.800 73.00 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	33.97	-3.8760E-20	128.9 94.87 128.9	94.87	V-C 6.2678E+04 -8.000 75.00 1.000 1.000
169.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.70	-3.7377E-20	131.6 96.51 131.6	96.51	V-C 6.2678E+04 -8.200 77.00 1.000 1.000
173.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.43	-3.5770E-20	134.7 98.15 134.7	98.15	V-C 6.2678E+04 -8.400 79.00 1.000 1.000
177.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.16	-3.3992E-20	137.1 99.79 137.1	99.79	V-C 6.2678E+04 -8.600 81.00 1.000 1.000
180.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	36.89	-3.2106E-20	140.1 101.4 140.1	101.4	V-C 6.2678E+04 -8.800 83.00 1.000 1.000
184.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.61	-3.0174E-20	142.8 103.1 142.8	103.1	V-C 6.2678E+04 -9.000 85.00 1.000 1.000
188.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.34	-2.8251E-20	145.8 104.7 145.8	104.7	V-C 6.2678E+04 -9.200 87.00 1.000 1.000
191.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.07	-2.6391E-20	148.2 106.3 148.2	106.3	V-C 6.2678E+04 -9.400 89.00 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	39.79	-2.4657E-20	151.1 108.0 151.1	108.0	V-C 6.2678E+04 -9.600 91.00 1.000 1.000
199.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	40.52	-2.3169E-20	153.8 109.6 153.8	109.6	V-C 6.2678E+04 -9.800 93.00 1.000 1.000
202.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	41.25	-2.2045E-20	156.4 111.2 156.4	111.2	V-C 6.2678E+04 -10.00 95.00 1.000 1.000
206.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
52 D	41.98	-2.1338E-20	159.0 112.9 159.0	112.9	V-C 8.1775E+04 -10.20 97.00 1.000 1.000
209.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
53 D	42.70	-2.1097E-20	161.9 114.5 161.9	114.5	V-C 8.1775E+04 -10.40 99.00 1.000 1.000
213.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
54 D	43.43	-2.1412E-20	164.3 116.2 164.3	116.2	V-C 8.1775E+04 -10.60 101.00 1.000 1.000
217.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
55 D	44.16	-2.2310E-20	167.2 117.8 167.2	117.8	V-C 8.1775E+04 -10.80 103.00 1.000 1.000
220.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
56 D	44.89	-2.3737E-20	169.7 119.4 169.7	119.4	V-C 8.1775E+04 -11.00 105.00 1.000 1.000
224.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
57 D	45.61	-2.5619E-20	172.6 121.1 172.6	121.1	V-C 8.1775E+04 -11.20 107.00 1.000 1.000
228.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
58 D	46.34	-2.7878E-20	174.9 122.7 174.9	122.7	V-C 8.1775E+04 -11.40 109.00 1.000 1.000
231.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
59 D	47.07	-3.0432E-20	177.8 124.4 177.8	124.4	V-C 8.1775E+04 -11.60 111.00 1.000 1.000
235.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
60 D	47.80	-3.3191E-20	180.3 126.0 180.3	126.0	V-C 8.1775E+04 -11.80 113.00 1.000 1.000
239.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
61 D	48.53	-3.6062E-20	182.9 127.6 182.9	127.6	V-C 8.1775E+04 -12.00 115.00 1.000 1.000
242.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
62 D	49.26	-3.8947E-20	185.4 129.3 185.4	129.3	V-C 8.1775E+04 -12.20 117.00 1.000 1.000
246.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
63 D	49.99	-4.1740E-20	188.2 130.9 188.2	130.9	V-C 8.1775E+04 -12.40 119.00 1.000 1.000
249.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
64 D	50.72	-4.4331E-20	190.5 132.6 190.5	132.6	V-C 8.1775E+04 -12.60 121.00 1.000 1.000
253.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
65 D	51.45	-4.6603E-20	193.3 134.2 193.3	134.2	V-C 8.1775E+04 -12.80 123.00 1.000 1.000
257.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
66 D	52.18	-4.8462E-20	195.9 135.9 195.9	135.9	V-C 8.1775E+04 -13.00 125.00 1.000 1.000
260.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
67 D	52.91	-4.9929E-20	198.6 137.5 198.6	137.5	V-C 8.1775E+04 -13.20 127.00 1.000 1.000
264.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
68 D	53.64	-5.1061E-20	200.9 139.2 200.9	139.2	V-C 8.1775E+04 -13.40 129.00 1.000 1.000
268.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
69 D	54.37	-5.1968E-20	203.7 140.8 203.7	140.8	V-C 8.1775E+04 -13.60 131.00 1.000 1.000
271.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
70 D	55.10	-5.2770E-20	206.2 142.5 206.2	142.5	V-C 8.1775E+04 -13.80 133.00 1.000 1.000
275.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
71 D	55.83	-5.3561E-20	208.7 144.2 208.7	144.2	V-C 8.1775E+04 -14.00 135.00 1.000 1.000
279.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
72 D	56.17	-5.4368E-20	210.8 143.8 210.8	143.8	V-C 8.1775E+04 -14.20 137.00 1.000 1.000
280.8	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.84	-5.5198E-20	213.2 145.2 213.2	145.2	V-C 8.1775E+04 -14.40 139.00 1.000 1.000
284.2	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.51	-5.6046E-20	215.1 146.5 215.1	146.5	V-C 8.1775E+04 -14.60 141.00 1.000 1.000
287.5	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.18	-5.6901E-20	217.4 147.9 217.4	147.9	V-C 8.1775E+04 -14.80 143.00 1.000 1.000
290.9	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.85	-5.7742E-20	219.5 149.3 219.5	149.3	V-C 8.1775E+04 -15.00 145.00 1.000 1.000
294.3	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.53	-5.8569E-20	221.8 150.6 221.8	150.6	V-C 8.1775E+04 -15.20 147.00 1.000 1.000
297.6	0.000	0.000	Limosabbiosol_237_225_L_0		





## GENERAL CONTRACTOR



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33 D	28.13	4.4262E-20	75.08 81.63 75.08	81.63	V-C 3.1161E+04 -6.400 59.00 1.000 1.000
140.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	28.86	4.4002E-20	77.52 83.30 77.52	83.30	V-C 3.1161E+04 -6.600 61.00 1.000 1.000
144.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	29.59	4.3606E-20	79.96 84.97 79.96	84.97	V-C 3.1161E+04 -6.800 63.00 1.000 1.000
148.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	30.33	4.3090E-20	82.40 86.63 82.40	86.63	V-C 3.1161E+04 -7.000 65.00 1.000 1.000
151.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	31.06	4.2462E-20	84.84 88.28 84.84	88.28	V-C 3.1161E+04 -7.200 67.00 1.000 1.000
155.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	31.79	4.1727E-20	87.28 89.93 87.28	89.93	V-C 3.1161E+04 -7.400 69.00 1.000 1.000
158.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	32.52	4.0886E-20	89.72 91.58 89.72	91.58	V-C 3.1161E+04 -7.600 71.00 1.000 1.000
162.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	33.25	3.9920E-20	92.16 93.23 92.16	93.23	V-C 3.1161E+04 -7.800 73.00 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	33.97	3.8760E-20	94.60 94.87 94.60	94.87	V-C 3.1161E+04 -8.000 75.00 1.000 1.000
169.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	34.70	3.7377E-20	97.04 96.51 97.04	96.51	V-C 3.1161E+04 -8.200 77.00 1.000 1.000
173.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	35.43	3.5770E-20	99.48 98.15 99.48	98.15	V-C 3.1161E+04 -8.400 79.00 1.000 1.000
177.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	36.16	3.3992E-20	101.9 99.79 101.9	99.79	V-C 3.1161E+04 -8.600 81.00 1.000 1.000
180.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	36.89	3.2106E-20	104.4 101.4 104.4	101.4	V-C 3.1161E+04 -8.800 83.00 1.000 1.000
184.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	37.61	3.0174E-20	106.8 103.1 106.8	103.1	V-C 3.1161E+04 -9.000 85.00 1.000 1.000
188.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	38.34	2.8251E-20	109.2 104.7 109.2	104.7	V-C 3.1161E+04 -9.200 87.00 1.000 1.000
191.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	39.07	2.6391E-20	111.7 106.3 111.7	106.3	V-C 3.1161E+04 -9.400 89.00 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	39.79	2.4657E-20	114.1 108.0 114.1	108.0	V-C 3.1161E+04 -9.600 91.00 1.000 1.000
199.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	40.52	2.3169E-20	116.6 109.6 116.6	109.6	V-C 3.1161E+04 -9.800 93.00 1.000 1.000
202.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	41.25	2.2045E-20	119.0 111.2 119.0	111.2	V-C 3.1161E+04 -10.00 95.00 1.000 1.000
206.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	41.98	2.1338E-20	121.4 112.9 121.4	112.9	V-C 4.2460E+04 -10.20 97.00 1.000 1.000
209.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	42.70	2.1097E-20	123.9 114.5 123.9	114.5	V-C 4.2460E+04 -10.40 99.00 1.000 1.000
213.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	43.43	2.1412E-20	126.3 116.2 126.3	116.2	V-C 4.2460E+04 -10.60 101.00 1.000 1.000
217.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	44.16	2.2310E-20	128.8 117.8 128.8	117.8	V-C 4.2460E+04 -10.80 103.00 1.000 1.000
220.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	44.89	2.3737E-20	131.2 119.4 131.2	119.4	V-C 4.2460E+04 -11.00 105.00 1.000 1.000
224.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	45.61	2.5619E-20	133.6 121.1 133.6	121.1	V-C 4.2460E+04 -11.20 107.00 1.000 1.000
228.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	46.34	2.7878E-20	136.1 122.7 136.1	122.7	V-C 4.2460E+04 -11.40 109.00 1.000 1.000
231.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	47.07	3.0432E-20	138.5 124.4 138.5	124.4	V-C 4.2460E+04 -11.60 111.00 1.000 1.000
235.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	47.80	3.3191E-20	141.0 126.0 141.0	126.0	V-C 4.2460E+04 -11.80 113.00 1.000 1.000
239.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.53	3.6062E-20	143.4 127.6 143.4	127.6	V-C 4.2460E+04 -12.00 115.00 1.000 1.000
242.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.26	3.8947E-20	145.8 129.3 145.8	129.3	V-C 4.2460E+04 -12.20 117.00 1.000 1.000
246.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	49.99	4.1740E-20	148.3 130.9 148.3	130.9	V-C 4.2460E+04 -12.40 119.00 1.000 1.000
249.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.72	4.4331E-20	150.7 132.6 150.7	132.6	V-C 4.2460E+04 -12.60 121.00 1.000 1.000
253.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.45	4.6603E-20	153.2 134.2 153.2	134.2	V-C 4.2460E+04 -12.80 123.00 1.000 1.000
257.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.18	4.8462E-20	155.6 135.9 155.6	135.9	V-C 4.2460E+04 -13.00 125.00 1.000 1.000
260.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	52.91	4.9929E-20	158.0 137.5 158.0	137.5	V-C 4.2460E+04 -13.20 127.00 1.000 1.000
264.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.64	5.1061E-20	160.5 139.2 160.5	139.2	V-C 4.2460E+04 -13.40 129.00 1.000 1.000
268.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.37	5.1968E-20	162.9 140.8 162.9	140.8	V-C 4.2460E+04 -13.60 131.00 1.000 1.000
271.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.10	5.2770E-20	165.4 142.5 165.4	142.5	V-C 4.2460E+04 -13.80 133.00 1.000 1.000
275.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	55.83	5.3561E-20	167.8 144.2 167.8	144.2	V-C 4.2460E+04 -14.00 135.00 1.000 1.000
279.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
72 D	56.17	5.4368E-20	169.9 143.8 169.9	143.8	V-C 4.2460E+04 -14.20 137.00 1.000 1.000
280.8	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.84	5.5198E-20	171.9 145.2 171.9	145.2	V-C 4.2460E+04 -14.40 139.00 1.000 1.000
284.2	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.51	5.6046E-20	174.0 146.5 174.0	146.5	V-C 4.2460E+04 -14.60 141.00 1.000 1.000
287.5	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.18	5.6901E-20	176.0 147.9 176.0	147.9	V-C 4.2460E+04 -14.80 143.00 1.000 1.000
290.9	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.85	5.7742E-20	178.1 149.3 178.1	149.3	V-C 4.2460E+04 -15.00 145.00 1.000 1.000
294.3	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.53	5.8569E-20	180.2 150.6 180.2	150.6	V-C 4.2460E+04 -15.20 147.00 1.000 1.000
297.6	0.000	0.000	Limosabbiosol_237_225_L_0		





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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:15:43

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	2.06634E-17	-2.06634E-17	-4.54384E-28	4.13267E-18
2	2.78050E-16	-2.78050E-16	-4.13267E-18	5.97427E-17
3	-1.36680E-16	1.36680E-16	-5.97427E-17	3.24067E-17
4	-1.13302E-16	1.13302E-16	-3.24067E-17	9.74622E-18
5	-9.59002E-17	9.59002E-17	-9.74622E-18	9.43381E-18
6	-8.44639E-17	8.44639E-17	9.43381E-18	-2.63266E-17
7	-7.89790E-17	7.89790E-17	2.63266E-17	-4.21224E-17
8	-7.94249E-17	7.94249E-17	4.21224E-17	-5.80074E-17
9	-9.96022E-17	9.96022E-17	5.80074E-17	-7.79278E-17
10	-1.38426E-16	1.38426E-16	7.79278E-17	-1.05613E-16
11	-1.95748E-16	1.95748E-16	1.05613E-16	-1.44763E-16
12	-2.71380E-16	2.71380E-16	1.44763E-16	-1.99039E-16
13	-3.65083E-16	3.65083E-16	1.99039E-16	-2.72055E-16
14	-4.76564E-16	4.76564E-16	2.72055E-16	-3.67368E-16
15	-6.05465E-16	6.05465E-16	3.67368E-16	-4.88461E-16
16	-7.51366E-16	7.51366E-16	4.88461E-16	-6.38734E-16
17	-9.13771E-16	9.13771E-16	6.38734E-16	-8.21489E-16
18	-1.09211E-15	1.09211E-15	8.21489E-16	-1.03991E-15
19	-1.28575E-15	1.28575E-15	1.03991E-15	-1.29706E-15
20	-1.49395E-15	1.49395E-15	1.29706E-15	-1.59585E-15
21	-1.71592E-15	1.71592E-15	1.59585E-15	-1.93903E-15
22	-1.95078E-15	1.95078E-15	1.93903E-15	-2.32919E-15
23	-2.19758E-15	2.19758E-15	2.32919E-15	-2.76870E-15
24	-2.45531E-15	2.45531E-15	2.76870E-15	-3.25976E-15
25	-2.72288E-15	2.72288E-15	3.25976E-15	-3.80434E-15
26	-2.99915E-15	2.99915E-15	3.80434E-15	-4.40417E-15
27	-1.98814E-16	1.98814E-16	4.40417E-15	-4.36441E-15
28	-1.63816E-16	1.63816E-16	4.36441E-15	-4.39717E-15
29	3.01994E-15	-3.01994E-15	4.39717E-15	-3.79318E-15
30	2.64621E-15	-2.64621E-15	3.79318E-15	-3.26394E-15
31	2.26928E-15	-2.26928E-15	3.26394E-15	-2.81008E-15
32	1.89066E-15	-1.89066E-15	2.81008E-15	-2.43195E-15
33	1.51185E-15	-1.51185E-15	2.43195E-15	-2.12958E-15
34	1.13426E-15	-1.13426E-15	2.12958E-15	-1.90273E-15
35	7.59238E-16	-7.59238E-16	1.90273E-15	-1.75088E-15
36	3.88028E-16	-3.88028E-16	1.75088E-15	-1.67328E-15
37	2.17627E-17	-2.17627E-17	1.67328E-15	-1.66892E-15
38	-3.38555E-16	3.38555E-16	1.66892E-15	-1.73664E-15
39	-7.79749E-15	7.79749E-15	1.73664E-15	-3.29613E-15
40	-1.03806E-15	1.03806E-15	3.29613E-15	-3.50374E-15
41	-1.37603E-15	1.37603E-15	3.50374E-15	-3.77894E-15
42	5.39982E-15	-5.39982E-15	3.77894E-15	-2.69898E-15
43	5.07875E-15	-5.07875E-15	2.69898E-15	-1.68323E-15
44	4.76615E-15	-4.76615E-15	1.68323E-15	-7.30005E-16
45	4.46172E-15	-4.46172E-15	7.30005E-16	1.62339E-16
46	4.16497E-15	-4.16497E-15	1.62339E-16	9.95333E-16
47	3.87519E-15	-3.87519E-15	9.95333E-16	1.77037E-15
48	1.06969E-14	-1.06969E-14	1.77037E-15	3.90974E-15
49	1.04180E-14	-1.04180E-14	3.90974E-15	5.99334E-15
50	3.03738E-15	-3.03738E-15	5.99334E-15	6.60081E-15
51	2.76430E-15	-2.76430E-15	6.60081E-15	7.15366E-15
52	9.50892E-15	-9.50892E-15	7.15366E-15	9.05545E-15
53	2.04117E-15	-2.04117E-15	9.05545E-15	9.46368E-15
54	5.43041E-15	-5.43041E-15	9.46368E-15	8.37760E-15
55	5.80271E-15	-5.80271E-15	8.37760E-15	7.21706E-15
56	-6.18344E-15	6.18344E-15	7.21706E-15	5.98037E-15
57	-6.57475E-15	6.57475E-15	5.98037E-15	4.66542E-15
58	-6.97865E-15	6.97865E-15	4.66542E-15	3.26969E-15
59	-7.39691E-15	7.39691E-15	3.26969E-15	1.79031E-15
60	-7.83109E-15	7.83109E-15	1.79031E-15	2.24089E-16
61	-8.28244E-15	8.28244E-15	2.24089E-16	1.43240E-15
62	-8.75195E-15	8.75195E-15	1.43240E-15	3.18279E-15
63	-9.24032E-15	9.24032E-15	3.18279E-15	5.03085E-15
64	-9.74795E-15	9.74795E-15	5.03085E-15	6.98044E-15
65	3.93584E-15	-3.93584E-15	6.98044E-15	6.19328E-15
66	3.38943E-15	-3.38943E-15	6.19328E-15	5.51539E-15
67	9.92938E-15	-9.92938E-15	5.51539E-15	3.52952E-15
68	9.34527E-15	-9.34527E-15	3.52952E-15	1.66046E-15

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69 8.74312E-15-8.74312E-15 1.66046E-15 8.81618E-17  
70 1.01818E-15-1.01818E-15-8.81618E-17 2.91798E-16  
71 3.82051E-16-3.82051E-16-2.91798E-16 3.68208E-16  
72-2.69882E-16 2.69882E-16-3.68208E-16 3.14231E-16  
73-9.36782E-16 9.36782E-16-3.14231E-16 1.26875E-16  
74-1.61779E-15 1.61779E-15-1.26875E-16-1.96684E-16  
75-2.31205E-15 2.31205E-15 1.96684E-16-6.59095E-16  
76 1.11922E-14-1.11922E-14 6.59095E-16 1.57934E-15  
77-3.73689E-15 3.73689E-15-1.57934E-15 8.31957E-16  
78-4.46579E-15 4.46579E-15-8.31957E-16-6.12014E-17  
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80-5.95255E-15 5.95255E-15 1.10212E-15-2.29263E-15  
81-6.70889E-15 6.70889E-15 2.29263E-15-3.63441E-15  
82-7.47294E-15 7.47294E-15 3.63441E-15-5.12900E-15  
83 5.96678E-15-5.96678E-15 5.12900E-15-3.93564E-15  
84 5.18914E-15-5.18914E-15 3.93564E-15-2.89781E-15  
85 4.40545E-15-4.40545E-15 2.89781E-15-2.01672E-15  
86 3.61613E-15-3.61613E-15 2.01672E-15-1.29350E-15  
87 2.82148E-15-2.82148E-15 1.29350E-15-7.29200E-16  
88 2.02171E-15-2.02171E-15 7.29200E-16-3.24859E-16  
89 1.21695E-15-1.21695E-15 3.24859E-16-8.14562E-17  
90 4.07281E-16-4.07281E-16 8.14562E-17-3.21855E-28



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NewProject.BaseDesignSection\_28.Nominal\_63  
 Exe Time : 8 June 2018 11:15:43  
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :  
 ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 1.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL FORCE d0 EDISPL pl. eps K -ve limit +ve limit  
 -----

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

ITER 0 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.3180E+06 RIMNOR=0.1959E-26  
 RENORM= 3652. REMNOR=0.4102E-52 RATIO =0.1072 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 70.78 RMMAX =0.9464E-14  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
 RDT =0.3180E+06 RDR =0.1000E-19  
 RATIO=0.1072 RATOR= 0.000  
 MAX UN= 15.56 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F  
 MIN UN=-13.00 IEQ= 45 NODE 23 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.3180E+06 RIMNOR=0.1959E-26  
 RENORM= 22.49 REMNOR=0.4883E-20 RATIO =0.8408E-02 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 70.78 RMMAX =0.9464E-14  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
 RDT =0.3180E+06 RDR =0.1000E-19  
 RATIO=0.8408E-02 RATOR= 0.000  
 MAX UN= 3.868 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
 MIN UN=-.4790 IEQ= 47 NODE 24 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.3180E+06 RIMNOR=0.1959E-26  
 RENORM=0.4046E-01 REMNOR=0.6519E-21 RATIO =0.3567E-03 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 70.78 RMMAX =0.9464E-14  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
 RDT =0.3180E+06 RDR =0.1000E-19  
 RATIO=0.3567E-03 RATOR= 0.000  
 MAX UN=0.9036E-02 IEQ= 23 NODE 12 DOF 1 Y-DISPL.F  
 MIN UN=-.1240 IEQ= 45 NODE 23 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.3180E+06 RIMNOR=0.1959E-26  
 RENORM=0.8852E-03 REMNOR=0.1261E-20 RATIO =0.5276E-04 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 70.78 RMMAX =0.9464E-14  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
 RDT =0.3180E+06 RDR =0.1000E-19  
 RATIO=0.5276E-04 RATOR= 0.000  
 MAX UN=0.1312E-01 IEQ= 23 NODE 12 DOF 1 Y-DISPL.F  
 MIN UN=-.2644E-03 IEQ= 181 NODE 91 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:15:43

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	1.8171156E-03	-4.5614804E-04
2	1.7258860E-03	-4.5614804E-04
3	1.6346563E-03	-4.5614804E-04
4	1.5434267E-03	-4.5614804E-04
5	1.4521979E-03	-4.5613684E-04
6	1.3609765E-03	-4.5605886E-04
7	1.2697867E-03	-4.5579514E-04
8	1.1786826E-03	-4.5516906E-04
9	1.0877586E-03	-4.5395092E-04
10	9.9715016E-04	-4.5201313E-04
11	9.0700129E-04	-4.4935568E-04
12	8.1745604E-04	-4.4597592E-04
13	7.2865993E-04	-4.4186100E-04
14	6.4076597E-04	-4.3693110E-04
15	5.5395512E-04	-4.3098666E-04
16	4.6846034E-04	-4.2370673E-04
17	3.8459095E-04	-4.1464903E-04
18	3.0275669E-04	-4.0325195E-04
19	2.2349137E-04	-3.8883679E-04
20	1.4744634E-04	-3.7105615E-04
21	7.5280910E-05	-3.5009555E-04
22	7.5884855E-06	-3.2642942E-04
23	-5.5156623E-05	-3.0074976E-04
24	-1.1262868E-04	-2.7383326E-04
25	-1.6465488E-04	-2.4639546E-04
26	-2.1119104E-04	-2.1902031E-04
27	-2.5229896E-04	-1.9218442E-04
28	-2.8812502E-04	-1.6625167E-04
29	-3.1887717E-04	-1.4148437E-04
30	-3.4480920E-04	-1.1807592E-04
31	-3.6620722E-04	-9.6162641E-05
32	-3.8337980E-04	-7.5832545E-05
33	-3.9664897E-04	-5.7133419E-05
34	-4.0634286E-04	-4.0079744E-05
35	-4.1278968E-04	-2.4658812E-05
36	-4.1631288E-04	-1.0835736E-05
37	-4.1722704E-04	1.4414360E-06
38	-4.1583501E-04	1.2237950E-05
39	-4.1242558E-04	2.1628686E-05
40	-4.0727186E-04	2.9694995E-05
41	-4.0063021E-04	3.6522142E-05
42	-3.9273984E-04	4.2196710E-05
43	-3.8382263E-04	4.6804756E-05
44	-3.7408346E-04	5.0430048E-05
45	-3.6371085E-04	5.3152612E-05
46	-3.5287764E-04	5.5047576E-05
47	-3.4174238E-04	5.6184116E-05
48	-3.3045039E-04	5.6624729E-05
49	-3.1913520E-04	5.6424623E-05
50	-3.0792014E-04	5.5631288E-05
51	-2.9691966E-04	5.4284188E-05
52	-2.8624151E-04	5.2414689E-05
53	-2.7598436E-04	5.0089720E-05
54	-2.6622923E-04	4.7410530E-05
55	-2.5703775E-04	4.4467385E-05
56	-2.4845456E-04	4.1340053E-05
57	-2.4050935E-04	3.8098322E-05
58	-2.3321883E-04	3.4802589E-05
59	-2.2658848E-04	3.1504488E-05
60	-2.2061429E-04	2.8247540E-05
61	-2.1528431E-04	2.5067817E-05
62	-2.1058006E-04	2.1994607E-05
63	-2.0647783E-04	1.9051065E-05
64	-2.0294981E-04	1.6254853E-05
65	-1.9996521E-04	1.3618747E-05
66	-1.9749108E-04	1.1151230E-05
67	-1.9549317E-04	8.8570030E-06
68	-1.9393663E-04	6.7374717E-06
69	-1.9278662E-04	4.7912331E-06
70	-1.9200883E-04	3.0145275E-06
71	-1.9156989E-04	1.4016499E-06
72	-1.9143774E-04	-5.4676851E-08

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73 -1.9158178E-04 -1.3612288E-06  
74 -1.9197265E-04 -2.5241629E-06  
75 -1.9258235E-04 -3.5506598E-06  
76 -1.9338435E-04 -4.4486728E-06  
77 -1.9435382E-04 -5.2267081E-06  
78 -1.9546763E-04 -5.8936368E-06  
79 -1.9670447E-04 -6.4585342E-06  
80 -1.9804485E-04 -6.9305464E-06  
81 -1.9947110E-04 -7.3187806E-06  
82 -2.0096738E-04 -7.6322168E-06  
83 -2.0251959E-04 -7.8796399E-06  
84 -2.0411540E-04 -8.0695888E-06  
85 -2.0574414E-04 -8.2103210E-06  
86 -2.0739678E-04 -8.3097899E-06  
87 -2.0906582E-04 -8.3756341E-06  
88 -2.1074528E-04 -8.4151750E-06  
89 -2.1243060E-04 -8.4354230E-06  
90 -2.1411869E-04 -8.4430884E-06  
91 -2.1580751E-04 -8.4445955E-06



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33 D	29.26	3.9665E-04	125.5 109.3 125.5	109.3	V-C 3.2234E+04 -6.400 37.02 1.000 1.000
146.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	30.06	4.0634E-04	128.0 111.4 128.0	111.4	V-C 3.2234E+04 -6.600 38.92 1.000 1.000
150.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	30.83	4.1279E-04	131.4 113.3 131.4	113.3	V-C 3.2234E+04 -6.800 40.81 1.000 1.000
154.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	31.57	4.1631E-04	134.4 115.2 134.4	115.2	V-C 3.2234E+04 -7.000 42.71 1.000 1.000
157.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	32.31	4.1723E-04	137.3 116.9 137.3	116.9	V-C 3.2234E+04 -7.200 44.61 1.000 1.000
161.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	33.02	4.1584E-04	140.3 118.6 140.3	118.6	V-C 3.2234E+04 -7.400 46.51 1.000 1.000
165.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	33.73	4.1243E-04	143.5 120.2 143.5	120.2	V-C 3.2234E+04 -7.600 48.41 1.000 1.000
168.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	34.42	4.0727E-04	146.4 121.8 146.4	121.8	V-C 3.2234E+04 -7.800 50.31 1.000 1.000
172.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	35.10	4.0063E-04	149.3 123.3 149.3	123.3	V-C 3.2234E+04 -8.000 52.20 1.000 1.000
175.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	35.77	3.9274E-04	152.1 124.8 152.1	124.8	V-C 3.2234E+04 -8.200 54.10 1.000 1.000
178.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	36.44	3.8382E-04	155.3 126.2 155.3	126.2	V-C 3.2234E+04 -8.400 56.00 1.000 1.000
182.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	37.10	3.7408E-04	157.8 127.6 157.8	127.6	V-C 3.2234E+04 -8.600 57.90 1.000 1.000
185.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	37.75	3.6371E-04	160.9 129.0 160.9	129.0	V-C 3.2234E+04 -8.800 59.80 1.000 1.000
188.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	38.40	3.5288E-04	163.7 130.3 163.7	130.3	V-C 3.2234E+04 -9.000 61.69 1.000 1.000
192.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	39.05	3.4174E-04	166.8 131.7 166.8	131.7	V-C 3.2234E+04 -9.200 63.59 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	39.70	3.3045E-04	169.3 133.0 169.3	133.0	V-C 3.2234E+04 -9.400 65.49 1.000 1.000
198.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	40.35	3.1914E-04	172.3 134.4 172.3	134.4	V-C 3.2234E+04 -9.600 67.39 1.000 1.000
201.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	41.00	3.0792E-04	175.1 135.7 175.1	135.7	V-C 3.2234E+04 -9.800 69.29 1.000 1.000
205.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	41.66	2.9692E-04	177.8 137.1 177.8	137.1	V-C 3.2234E+04 -10.00 71.19 1.000 1.000
208.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	42.87	2.8624E-04	180.5 141.3 180.5	141.3	V-C 4.2056E+04 -10.20 73.08 1.000 1.000
214.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	43.51	2.7598E-04	183.6 142.6 183.6	142.6	UL-RL 1.0514E+05 -10.40 74.98 1.000 1.000
217.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	44.15	2.6623E-04	186.0 143.9 186.0	143.9	UL-RL 1.0514E+05 -10.60 76.88 1.000 1.000
220.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	44.79	2.5704E-04	189.0 145.2 189.0	145.2	UL-RL 1.0514E+05 -10.80 78.78 1.000 1.000
224.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	45.44	2.4845E-04	191.7 146.5 191.7	146.5	UL-RL 1.0514E+05 -11.00 80.68 1.000 1.000
227.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	46.10	2.4051E-04	194.6 147.9 194.6	147.9	UL-RL 1.0514E+05 -11.20 82.58 1.000 1.000
230.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	46.76	2.3322E-04	197.0 149.3 197.0	149.3	UL-RL 1.0514E+05 -11.40 84.47 1.000 1.000
233.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	47.43	2.2659E-04	200.0 150.8 200.0	150.8	UL-RL 1.0514E+05 -11.60 86.37 1.000 1.000
237.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	48.10	2.2061E-04	202.6 152.2 202.6	152.2	UL-RL 1.0514E+05 -11.80 88.27 1.000 1.000
240.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.78	2.1528E-04	205.3 153.7 205.3	153.7	V-C 4.2056E+04 -12.00 90.17 1.000 1.000
243.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.47	2.1058E-04	208.0 155.3 208.0	155.3	V-C 4.2056E+04 -12.20 92.07 1.000 1.000
247.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	50.16	2.0648E-04	210.9 156.8 210.9	156.8	V-C 4.2056E+04 -12.40 93.97 1.000 1.000
250.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.85	2.0295E-04	213.3 158.4 213.3	158.4	V-C 4.2056E+04 -12.60 95.86 1.000 1.000
254.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.55	1.9997E-04	216.2 160.0 216.2	160.0	V-C 4.2056E+04 -12.80 97.76 1.000 1.000
257.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.26	1.9749E-04	218.8 161.6 218.8	161.6	UL-RL 1.0514E+05 -13.00 99.66 1.000 1.000
261.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	52.96	1.9549E-04	221.7 163.3 221.7	163.3	UL-RL 1.0514E+05 -13.20 101.6 1.000 1.000
264.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.68	1.9394E-04	224.1 164.9 224.1	164.9	UL-RL 1.0514E+05 -13.40 103.5 1.000 1.000
268.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.39	1.9279E-04	226.9 166.6 226.9	166.6	UL-RL 1.0514E+05 -13.60 105.4 1.000 1.000
272.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.11	1.9201E-04	229.5 168.3 229.5	168.3	UL-RL 1.0514E+05 -13.80 107.3 1.000 1.000
275.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	55.84	1.9157E-04	232.2 170.0 232.2	170.1	UL-RL 1.0514E+05 -14.00 109.2 1.000 1.000
279.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
72 D	56.12	1.9144E-04	234.4 169.5 234.4	169.6	UL-RL 1.0514E+05 -14.20 111.1 1.000 1.000
280.6	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.78	1.9158E-04	236.8 171.0 236.8	171.0	UL-RL 1.0514E+05 -14.40 112.9 1.000 1.000
283.9	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.45	1.9197E-04	238.8 172.4 238.8	172.4	UL-RL 1.0514E+05 -14.60 114.8 1.000 1.000
287.3	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.12	1.9258E-04	241.3 173.9 241.3	173.9	UL-RL 1.0514E+05 -14.80 116.7 1.000 1.000
290.6	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.80	1.9338E-04	243.5 175.3 243.5	175.4	UL-RL 1.0514E+05 -15.00 118.6 1.000 1.000
294.0	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.47	1.9435E-04	245.9 176.8 245.9	176.9	UL-RL 1.0514E+05 -15.20 120.5 1.000 1.000
297.4	0.000	0.000	Limosabbiosol_237_225_L_0		











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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:15:43

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-8.41069E-11	8.41069E-11	-8.40927E-12	-4.90843E-11
2	8.43239E-11	-8.43239E-11	4.91078E-11	-5.53894E-11
3	-9.00648E-11	9.00648E-11	5.48894E-11	-9.11413E-11
4	0.35417	-0.35417	7.30247E-11	7.08343E-02
5	1.7591	-1.7591	-7.08343E-02	0.42266
6	4.1174	-4.1174	-0.42266	1.2461
7	7.3480	-7.3480	-1.2461	2.7157
8	11.385	-11.385	-2.7157	4.9927
9	11.385	-11.385	-4.9927	7.2698
10	11.385	-11.385	-7.2698	9.5468
11	11.469	-11.469	-9.5468	11.841
12	11.791	-11.791	-11.841	14.199
13	13.995	-13.995	-14.199	16.998
14	18.105	-18.105	-16.998	20.619
15	24.150	-24.150	-20.619	25.449
16	32.099	-32.099	-25.449	31.869
17	41.919	-41.919	-31.869	40.253
18	53.574	-53.574	-40.253	50.968
19	52.911	-52.911	-50.968	61.550
20	47.705	-47.705	-61.550	71.091
21	37.900	-37.900	-71.091	78.670
22	25.809	-25.809	-78.670	83.832
23	13.329	-13.329	-83.832	86.498
24	3.1614	-3.1614	-86.498	87.130
25	-5.1438	5.1438	-87.130	86.102
26	-11.918	11.918	-86.102	83.718
27	-16.657	16.657	-83.718	80.386
28	-20.214	20.214	-80.386	76.344
29	-22.784	22.784	-76.344	71.787
30	-24.524	24.524	-71.787	66.882
31	-25.569	25.569	-66.882	61.768
32	-26.036	26.036	-61.768	56.561
33	-26.027	26.027	-56.561	51.356
34	-25.631	25.631	-51.356	46.230
35	-24.928	24.928	-46.230	41.244
36	-23.985	23.985	-41.244	36.447
37	-22.863	22.863	-36.447	31.874
38	-21.616	21.616	-31.874	27.551
39	-20.288	20.288	-27.551	23.493
40	-18.921	18.921	-23.493	19.709
41	-17.547	17.547	-19.709	16.200
42	-16.198	16.198	-16.200	12.960
43	-14.897	14.897	-12.960	9.9809
44	-13.665	13.665	-9.9809	7.2478
45	-12.521	12.521	-7.2478	4.7437
46	-11.476	11.476	-4.7437	2.4484
47	-10.543	10.543	-2.4484	0.33980
48	-9.7294	9.7294	-0.33980	-1.6061
49	-9.0408	9.0408	1.6061	-3.4142
50	-8.4805	8.4805	3.4142	-5.1103
51	-8.0498	8.0498	5.1103	-6.7202
52	-6.3604	6.3604	6.7202	-7.9923
53	-4.8473	4.8473	7.9923	-8.9618
54	-3.5043	3.5043	8.9618	-9.6626
55	-2.3235	2.3235	9.6626	-10.127
56	-1.2961	1.2961	10.127	-10.387
57	-0.41250	0.41250	10.387	-10.469
58	0.33757	-0.33757	10.469	-10.402
59	0.96452	-0.96452	10.402	-10.209
60	1.4789	-1.4789	10.209	-9.9129
61	1.8912	-1.8912	9.9129	-9.5346
62	2.2116	-2.2116	9.5346	-9.0923
63	2.4500	-2.4500	9.0923	-8.6023
64	2.6158	-2.6158	8.6023	-8.0792
65	2.7183	-2.7183	8.0792	-7.5355
66	2.7646	-2.7646	7.5355	-6.9826
67	2.7628	-2.7628	6.9826	-6.4300
68	2.7203	-2.7203	6.4300	-5.8859

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69	2.6438	-2.6438	5.8859	-5.3572
70	2.5397	-2.5397	5.3572	-4.8492
71	2.4136	-2.4136	4.8492	-4.3665
72	2.3253	-2.3253	4.3665	-3.9014
73	2.2188	-2.2188	3.9014	-3.4577
74	2.0981	-2.0981	3.4577	-3.0381
75	1.9671	-1.9671	3.0381	-2.6446
76	1.8290	-1.8290	2.6446	-2.2788
77	1.6865	-1.6865	2.2788	-1.9415
78	1.5418	-1.5418	1.9415	-1.6332
79	1.3971	-1.3971	1.6332	-1.3538
80	1.2537	-1.2537	1.3538	-1.1030
81	1.1129	-1.1129	1.1030	-0.88043
82	0.97574	-0.97574	0.88043	-0.68528
83	0.84277	-0.84277	0.68528	-0.51673
84	0.71447	-0.71447	0.51673	-0.37383
85	0.59111	-0.59111	0.37383	-0.25561
86	0.47279	-0.47279	0.25561	-0.16105
87	0.35946	-0.35946	0.16105	-8.91634E-02
88	0.25098	-0.25098	8.91634E-02	-3.89675E-02
89	0.14714	-0.14714	3.89675E-02	-9.53716E-03
90	4.76858E-02	-4.76858E-02	9.53716E-03	7.21534E-13



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NewProject.BaseDesignSection\_28.Nominal\_63  
 Exe Time : 8 June 2018 11:15:43  
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :  
 ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 2.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL FORCE d0 EDISPL pl. eps K -ve limit +ve limit  
 -----

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

ITER 0 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.4196E+06 RIMNOR=0.2006E+06  
 RENORM=0.5831E+05 REMNOR=0.1261E-20 RATIO =0.3728 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 87.13  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
 RDT =0.4196E+06 RDR =0.2006E+06  
 RATIO=0.3728 RATOR= 0.000  
 MAX UN=0.1312E-01 IEQ= 23 NODE 12 DOF 1 Y-DISPL.F  
 MIN UN=-241.5 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.4196E+06 RIMNOR=0.2006E+06  
 RENORM= 201.1 REMNOR=0.7903E-20 RATIO =0.2189E-01 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 87.13  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
 RDT =0.4196E+06 RDR =0.2006E+06  
 RATIO=0.2189E-01 RATOR= 0.000  
 MAX UN=0.3758E-09 IEQ= 7 NODE 4 DOF 1 Y-DISPL.F  
 MIN UN=-4.375 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.4196E+06 RIMNOR=0.2006E+06  
 RENORM=0.1234 REMNOR=0.2742E-20 RATIO =0.5424E-03 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 87.13  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
 RDT =0.4196E+06 RDR =0.2006E+06  
 RATIO=0.5424E-03 RATOR= 0.000  
 MAX UN=0.1495E-09 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
 MIN UN=-.2087 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.4196E+06 RIMNOR=0.2006E+06  
 RENORM=0.7809E-05 REMNOR=0.3484E-21 RATIO =0.4314E-05 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 241.5 RMMAX = 87.13  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
 RDT =0.4196E+06 RDR =0.2006E+06  
 RATIO=0.4314E-05 RATOR= 0.000  
 MAX UN=0.8522E-10 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
 MIN UN=-.1131E-02 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	2.5366898E-04	-3.6282356E-04
2	1.8110640E-04	-3.6279156E-04
3	1.0856199E-04	-3.6261514E-04
4	3.6081531E-05	-3.6212096E-04
5	-3.6251685E-05	-3.6110611E-04
6	-1.0830948E-04	-3.5931972E-04
7	-1.7990753E-04	-3.5645270E-04
8	-2.5079447E-04	-3.5214435E-04
9	-3.2064200E-04	-3.4598699E-04
10	-3.8902560E-04	-3.3737462E-04
11	-4.5537525E-04	-3.2551334E-04
12	-5.1895981E-04	-3.0958526E-04
13	-5.7888203E-04	-2.8874724E-04
14	-6.3407211E-04	-2.6211020E-04
15	-6.8327582E-04	-2.2871882E-04
16	-7.2504118E-04	-1.8755056E-04
17	-7.5821382E-04	-1.4514899E-04
18	-7.8345063E-04	-1.0799519E-04
19	-8.0168108E-04	-7.4879040E-05
20	-8.1360287E-04	-4.4772370E-05
21	-8.1974853E-04	-1.7043310E-05
22	-8.2056143E-04	8.5672821E-06
23	-8.1646541E-04	3.2021108E-05
24	-8.0790928E-04	5.3131245E-05
25	-7.9538098E-04	7.1720812E-05
26	-7.7939532E-04	8.7694893E-05
27	-7.6047977E-04	1.0101776E-04
28	-7.3915979E-04	1.1176696E-04
29	-7.1593288E-04	1.2011953E-04
30	-6.9125890E-04	1.2627006E-04
31	-6.6555806E-04	1.3042259E-04
32	-6.3920923E-04	1.3278467E-04
33	-6.1254980E-04	1.3356263E-04
34	-5.8587636E-04	1.3295787E-04
35	-5.5944605E-04	1.3116418E-04
36	-5.3347781E-04	1.2836556E-04
37	-5.0815530E-04	1.2473478E-04
38	-4.8362868E-04	1.2043235E-04
39	-4.6001730E-04	1.1560578E-04
40	-4.3741247E-04	1.1038929E-04
41	-4.1587965E-04	1.0490361E-04
42	-3.9546181E-04	9.9256140E-05
43	-3.7618169E-04	9.3541178E-05
44	-3.5804456E-04	8.7837890E-05
45	-3.4104171E-04	8.2208235E-05
46	-3.2515342E-04	7.6697659E-05
47	-3.1035266E-04	7.1336847E-05
48	-2.9660754E-04	6.6143095E-05
49	-2.8388393E-04	6.1121729E-05
50	-2.7214777E-04	5.6267421E-05
51	-2.6136688E-04	5.1565289E-05
52	-2.5151325E-04	4.6992225E-05
53	-2.4256128E-04	4.2552801E-05
54	-2.3448105E-04	3.8279515E-05
55	-2.2723676E-04	3.4196827E-05
56	-2.2078844E-04	3.0322352E-05
57	-2.1509316E-04	2.6667844E-05
58	-2.1010618E-04	2.3240094E-05
59	-2.0578183E-04	2.0041728E-05
60	-2.0207425E-04	1.7071913E-05
61	-1.9893807E-04	1.4326992E-05
62	-1.9632886E-04	1.1801024E-05
63	-1.9420358E-04	9.4862744E-06
64	-1.9252088E-04	7.3736204E-06
65	-1.9124134E-04	5.4529166E-06
66	-1.9032764E-04	3.7133011E-06
67	-1.8974470E-04	2.1434296E-06
68	-1.8945973E-04	7.3167021E-07
69	-1.8944227E-04	-5.3370399E-07
70	-1.8966423E-04	-1.6643497E-06
71	-1.9009979E-04	-2.6717158E-06
72	-1.9072544E-04	-3.5669311E-06

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73	-1.9151969E-04	-4.3589753E-06
74	-1.9246261E-04	-5.0548165E-06
75	-1.9353566E-04	-5.6613845E-06
76	-1.9472168E-04	-6.1855917E-06
77	-1.9600487E-04	-6.6343209E-06
78	-1.9737083E-04	-7.0144032E-06
79	-1.9880650E-04	-7.3325412E-06
80	-2.0030015E-04	-7.5952468E-06
81	-2.0184132E-04	-7.8087934E-06
82	-2.0342079E-04	-7.9791803E-06
83	-2.0503050E-04	-8.1121076E-06
84	-2.0666349E-04	-8.2129615E-06
85	-2.0831388E-04	-8.2868063E-06
86	-2.0997673E-04	-8.3383849E-06
87	-2.1164804E-04	-8.3721239E-06
88	-2.1332467E-04	-8.3921431E-06
89	-2.1500424E-04	-8.4022700E-06
90	-2.1668524E-04	-8.4060548E-06
91	-2.1836654E-04	-8.4067886E-06





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33 D	30.66	6.1255E-04	125.5 116.3 125.5	116.3	V-C 3.2234E+04 -6.400 37.02 1.000 1.000
153.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	31.21	5.8588E-04	128.0 117.1 128.0	117.2	UL-RL 8.0801E+04 -6.600 38.92 1.000 1.000
156.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	31.77	5.5945E-04	131.4 118.0 131.4	118.0	UL-RL 8.0801E+04 -6.800 40.81 1.000 1.000
158.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	32.33	5.3348E-04	134.4 118.9 134.4	118.9	UL-RL 8.0801E+04 -7.000 42.71 1.000 1.000
161.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	32.89	5.0816E-04	137.3 119.8 137.3	119.9	UL-RL 8.0801E+04 -7.200 44.61 1.000 1.000
164.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	33.46	4.8363E-04	140.3 120.8 140.3	120.8	UL-RL 8.0801E+04 -7.400 46.51 1.000 1.000
167.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	34.03	4.6002E-04	143.5 121.8 143.5	121.8	UL-RL 8.0801E+04 -7.600 48.41 1.000 1.000
170.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	34.61	4.3741E-04	146.4 122.7 146.4	122.8	UL-RL 8.0801E+04 -7.800 50.31 1.000 1.000
173.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	35.20	4.1588E-04	149.3 123.8 149.3	123.8	UL-RL 8.0801E+04 -8.000 52.20 1.000 1.000
176.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	35.79	3.9546E-04	152.1 124.8 152.1	124.8	UL-RL 8.0801E+04 -8.200 54.10 1.000 1.000
178.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	36.31	3.7618E-04	155.3 125.6 155.3	126.2	UL-RL 8.0801E+04 -8.400 56.00 1.000 1.000
181.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	36.84	3.5804E-04	157.8 126.3 157.8	127.6	UL-RL 8.0801E+04 -8.600 57.90 1.000 1.000
184.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	37.39	3.4104E-04	160.9 127.1 160.9	129.0	UL-RL 8.0801E+04 -8.800 59.80 1.000 1.000
186.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	37.96	3.2515E-04	163.7 128.1 163.7	130.3	UL-RL 8.0801E+04 -9.000 61.69 1.000 1.000
189.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	38.55	3.1035E-04	166.8 129.1 166.8	131.7	UL-RL 8.0801E+04 -9.200 63.59 1.000 1.000
192.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	39.16	2.9661E-04	169.3 130.3 169.3	133.0	UL-RL 8.0801E+04 -9.400 65.49 1.000 1.000
195.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	39.78	2.8388E-04	172.3 131.5 172.3	134.4	UL-RL 8.0801E+04 -9.600 67.39 1.000 1.000
198.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	40.43	2.7215E-04	175.1 132.8 175.1	135.7	UL-RL 8.0801E+04 -9.800 69.29 1.000 1.000
202.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	41.08	2.6137E-04	177.8 134.2 177.8	137.1	UL-RL 8.0801E+04 -10.00 71.19 1.000 1.000
205.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	42.14	2.5151E-04	180.5 137.6 180.5	141.3	UL-RL 1.0514E+05 -10.20 73.08 1.000 1.000
210.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	42.80	2.4256E-04	183.6 139.0 183.6	142.6	UL-RL 1.0514E+05 -10.40 74.98 1.000 1.000
214.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	43.48	2.3448E-04	186.0 140.5 186.0	143.9	UL-RL 1.0514E+05 -10.60 76.88 1.000 1.000
217.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	44.17	2.2724E-04	189.0 142.1 189.0	145.2	UL-RL 1.0514E+05 -10.80 78.78 1.000 1.000
220.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	44.86	2.2079E-04	191.7 143.6 191.7	146.5	UL-RL 1.0514E+05 -11.00 80.68 1.000 1.000
224.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	45.57	2.1509E-04	194.6 145.3 194.6	147.9	UL-RL 1.0514E+05 -11.20 82.58 1.000 1.000
227.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	46.28	2.1011E-04	197.0 146.9 197.0	149.3	UL-RL 1.0514E+05 -11.40 84.47 1.000 1.000
231.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	46.99	2.0578E-04	200.0 148.6 200.0	150.8	UL-RL 1.0514E+05 -11.60 86.37 1.000 1.000
235.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	47.71	2.0207E-04	202.6 150.3 202.6	152.2	UL-RL 1.0514E+05 -11.80 88.27 1.000 1.000
238.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.44	1.9894E-04	205.3 152.0 205.3	153.7	UL-RL 1.0514E+05 -12.00 90.17 1.000 1.000
242.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.17	1.9633E-04	208.0 153.8 208.0	155.3	UL-RL 1.0514E+05 -12.20 92.07 1.000 1.000
245.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	49.90	1.9420E-04	210.9 155.5 210.9	156.8	UL-RL 1.0514E+05 -12.40 93.97 1.000 1.000
249.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.63	1.9252E-04	213.3 157.3 213.3	158.4	UL-RL 1.0514E+05 -12.60 95.86 1.000 1.000
253.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.37	1.9124E-04	216.2 159.1 216.2	160.0	UL-RL 1.0514E+05 -12.80 97.76 1.000 1.000
256.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.11	1.9033E-04	218.8 160.9 218.8	161.6	UL-RL 1.0514E+05 -13.00 99.66 1.000 1.000
260.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	52.84	1.8974E-04	221.7 162.7 221.7	163.3	UL-RL 1.0514E+05 -13.20 101.6 1.000 1.000
264.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.58	1.8946E-04	224.1 164.5 224.1	164.9	UL-RL 1.0514E+05 -13.40 103.5 1.000 1.000
267.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.32	1.8944E-04	226.9 166.3 226.9	166.6	UL-RL 1.0514E+05 -13.60 105.4 1.000 1.000
271.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.06	1.8966E-04	229.5 168.1 229.5	168.3	UL-RL 1.0514E+05 -13.80 107.3 1.000 1.000
275.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	55.80	1.9010E-04	232.2 169.9 232.2	170.1	UL-RL 1.0514E+05 -14.00 109.2 1.000 1.000
279.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
72 D	56.10	1.9073E-04	234.4 169.5 234.4	169.6	UL-RL 1.0514E+05 -14.20 111.1 1.000 1.000
280.5	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.78	1.9152E-04	236.8 171.0 236.8	171.0	UL-RL 1.0514E+05 -14.40 112.9 1.000 1.000
283.9	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.46	1.9246E-04	238.8 172.4 238.8	172.5	UL-RL 1.0514E+05 -14.60 114.8 1.000 1.000
287.3	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.14	1.9354E-04	241.3 173.9 241.3	173.9	V-C 4.2056E+04 -14.80 116.7 1.000 1.000
290.7	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.81	1.9472E-04	243.5 175.4 243.5	175.4	V-C 4.2056E+04 -15.00 118.6 1.000 1.000
294.1	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.49	1.9600E-04	245.9 176.9 245.9	176.9	V-C 4.2056E+04 -15.20 120.5 1.000 1.000
297.5	0.000	0.000	Limosabbiosol_237_225_L_0		





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33 D	27.52	-6.1255E-04	38.11	112.4	75.08	137.0	UL-RL	4.0171E+04	-6.400	25.22	1.000	1.000
137.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	28.22	-5.8588E-04	40.45	113.8	77.52	137.3	UL-RL	4.0171E+04	-6.600	27.32	1.000	1.000
141.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	28.94	-5.5945E-04	42.79	115.3	79.96	137.8	UL-RL	4.0171E+04	-6.800	29.42	1.000	1.000
144.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	29.69	-5.3348E-04	45.12	116.9	82.40	138.4	UL-RL	4.0171E+04	-7.000	31.53	1.000	1.000
148.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	30.45	-5.0816E-04	47.46	118.6	84.84	139.1	UL-RL	4.0171E+04	-7.200	33.63	1.000	1.000
152.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	31.23	-4.8363E-04	49.80	120.4	87.28	139.9	UL-RL	4.0171E+04	-7.400	35.73	1.000	1.000
156.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	32.02	-4.6002E-04	52.14	122.2	89.72	140.7	UL-RL	4.0171E+04	-7.600	37.83	1.000	1.000
160.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	32.81	-4.3741E-04	54.48	124.1	92.16	141.7	UL-RL	4.0171E+04	-7.800	39.93	1.000	1.000
164.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	33.60	-4.1588E-04	56.82	126.0	94.60	142.7	UL-RL	4.0171E+04	-8.000	42.03	1.000	1.000
168.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	34.40	-3.9546E-04	59.15	127.9	97.04	143.7	UL-RL	4.0171E+04	-8.200	44.14	1.000	1.000
172.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	35.20	-3.7618E-04	61.49	129.7	99.48	144.9	UL-RL	4.0171E+04	-8.400	46.24	1.000	1.000
176.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	35.99	-3.5804E-04	63.83	131.6	101.9	146.0	UL-RL	4.0171E+04	-8.600	48.34	1.000	1.000
180.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	36.79	-3.4104E-04	66.17	133.5	104.4	147.2	UL-RL	4.0171E+04	-8.800	50.44	1.000	1.000
183.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	37.58	-3.2515E-04	68.51	135.4	106.8	148.4	UL-RL	4.0171E+04	-9.000	52.54	1.000	1.000
187.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	38.37	-3.1035E-04	70.85	137.2	109.2	149.7	UL-RL	4.0171E+04	-9.200	54.64	1.000	1.000
191.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	39.16	-2.9661E-04	73.18	139.1	111.7	151.0	UL-RL	4.0171E+04	-9.400	56.75	1.000	1.000
195.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	39.95	-2.8388E-04	75.52	140.9	114.1	152.3	UL-RL	4.0171E+04	-9.600	58.85	1.000	1.000
199.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	40.73	-2.7215E-04	77.86	142.7	116.6	153.6	UL-RL	4.0171E+04	-9.800	60.95	1.000	1.000
203.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	41.51	-2.6137E-04	80.20	144.5	119.0	155.0	UL-RL	4.0171E+04	-10.00	63.05	1.000	1.000
207.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	41.56	-2.5151E-04	82.54	142.7	121.4	156.4	UL-RL	5.4592E+04	-10.20	65.15	1.000	1.000
207.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	42.36	-2.4256E-04	84.88	144.5	123.9	157.8	UL-RL	5.4592E+04	-10.40	67.25	1.000	1.000
211.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	43.15	-2.3448E-04	87.21	146.4	126.3	159.2	UL-RL	5.4592E+04	-10.60	69.36	1.000	1.000
215.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	43.94	-2.2724E-04	89.55	148.2	128.8	160.6	UL-RL	5.4592E+04	-10.80	71.46	1.000	1.000
219.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	44.72	-2.2079E-04	91.89	150.0	131.2	162.1	UL-RL	5.4592E+04	-11.00	73.56	1.000	1.000
223.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	45.49	-2.1509E-04	94.23	151.8	133.6	163.6	UL-RL	5.4592E+04	-11.20	75.66	1.000	1.000
227.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	46.26	-2.1011E-04	96.57	153.6	136.1	165.0	UL-RL	5.4592E+04	-11.40	77.76	1.000	1.000
231.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	47.03	-2.0578E-04	98.91	155.3	138.5	166.5	UL-RL	5.4592E+04	-11.60	79.86	1.000	1.000
235.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	47.79	-2.0207E-04	101.2	157.0	141.0	168.0	UL-RL	5.4592E+04	-11.80	81.97	1.000	1.000
239.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	48.55	-1.9894E-04	103.6	158.7	143.4	169.5	UL-RL	5.4592E+04	-12.00	84.07	1.000	1.000
242.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	49.30	-1.9633E-04	105.9	160.3	145.8	171.1	UL-RL	5.4592E+04	-12.20	86.17	1.000	1.000
246.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	50.05	-1.9420E-04	108.3	162.0	148.3	172.6	UL-RL	5.4592E+04	-12.40	88.27	1.000	1.000
250.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	50.80	-1.9252E-04	110.6	163.6	150.7	174.1	UL-RL	5.4592E+04	-12.60	90.37	1.000	1.000
254.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	51.55	-1.9124E-04	112.9	165.3	153.2	175.7	UL-RL	5.4592E+04	-12.80	92.47	1.000	1.000
257.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	52.29	-1.9033E-04	115.3	166.9	155.6	177.3	UL-RL	5.4592E+04	-13.00	94.58	1.000	1.000
261.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	53.03	-1.8974E-04	117.6	168.5	158.0	178.8	UL-RL	5.4592E+04	-13.20	96.68	1.000	1.000
265.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	53.77	-1.8946E-04	120.0	170.1	160.5	180.4	UL-RL	5.4592E+04	-13.40	98.78	1.000	1.000
268.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	54.51	-1.8944E-04	122.3	171.6	162.9	182.0	UL-RL	5.4592E+04	-13.60	100.9	1.000	1.000
272.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	55.24	-1.8966E-04	124.6	173.2	165.4	183.6	UL-RL	5.4592E+04	-13.80	103.0	1.000	1.000
276.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	55.98	-1.9010E-04	127.0	174.8	167.8	185.2	UL-RL	5.4592E+04	-14.00	105.1	1.000	1.000
279.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
72 D	56.21	-1.9073E-04	128.9	173.9	169.9	184.3	UL-RL	5.4592E+04	-14.20	107.2	1.000	1.000
281.1	0.000	0.000	Limosabbiosol_237_225_L_0									
73 D	56.89	-1.9152E-04	130.9	175.2	171.9	185.6	UL-RL	5.4592E+04	-14.40	109.3	1.000	1.000
284.5	0.000	0.000	Limosabbiosol_237_225_L_0									
74 D	57.57	-1.9246E-04	132.8	176.5	174.0	187.0	UL-RL	5.4592E+04	-14.60	111.4	1.000	1.000
287.8	0.000	0.000	Limosabbiosol_237_225_L_0									
75 D	58.25	-1.9354E-04	134.8	177.7	176.0	188.3	UL-RL	5.4592E+04	-14.80	113.5	1.000	1.000
291.2	0.000	0.000	Limosabbiosol_237_225_L_0									
76 D	58.92	-1.9472E-04	136.8	179.0	178.1	189.6	UL-RL	5.4592E+04	-15.00	115.6	1.000	1.000
294.6	0.000	0.000	Limosabbiosol_237_225_L_0									
77 D	59.60	-1.9600E-04	138.7	180.3	180.2	191.0	UL-RL	5.4592E+04	-15.20	117.7	1.000	1.000
298.0	0.000	0.000	Limosabbiosol_237_225_L_0									



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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:15:43

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.0127	-1.0127	-1.47438E-12	0.20254
2	3.5564	-3.5564	-0.20254	0.91381
3	6.4982	-6.4982	-0.91381	2.2134
4	9.9756	-9.9756	-2.2134	4.2086
5	14.436	-14.436	-4.2086	7.0959
6	19.755	-19.755	-7.0959	11.047
7	25.850	-25.850	-11.047	16.217
8	32.654	-32.654	-16.217	22.747
9	45.024	-45.024	-22.747	31.752
10	57.772	-57.772	-31.752	43.307
11	70.903	-70.903	-43.307	57.487
12	84.449	-84.449	-57.487	74.377
13	99.034	-99.034	-74.377	94.184
14	114.68	-114.68	-94.184	117.12
15	131.39	-131.39	-117.12	143.40
16	-92.365	92.365	-143.40	124.92
17	-73.676	73.676	-124.92	110.19
18	-54.077	54.077	-110.19	99.373
19	-41.144	41.144	-99.373	91.144
20	-34.084	34.084	-91.144	84.327
21	-32.945	32.945	-84.327	77.738
22	-35.296	35.296	-77.738	70.679
23	-38.856	38.856	-70.679	62.908
24	-40.899	40.899	-62.908	54.728
25	-41.856	41.856	-54.728	46.357
26	-42.030	42.030	-46.357	37.951
27	-39.402	39.402	-37.951	30.071
28	-36.427	36.427	-30.071	22.785
29	-33.247	33.247	-22.785	16.136
30	-29.970	29.970	-16.136	10.142
31	-26.680	26.680	-10.142	4.8057
32	-23.442	23.442	-4.8057	0.11724
33	-20.307	20.307	-0.11724	-3.9442
34	-17.312	17.312	3.9442	-7.4065
35	-14.484	14.484	7.4065	-10.303
36	-11.845	11.845	10.303	-12.672
37	-9.4066	9.4066	12.672	-14.554
38	-7.1773	7.1773	14.554	-15.989
39	-5.1605	5.1605	15.989	-17.021
40	-3.3564	3.3564	17.021	-17.693
41	-1.7623	1.7623	17.693	-18.045
42	-0.37332	0.37332	18.045	-18.120
43	0.74273	-0.74273	18.120	-17.971
44	1.5861	-1.5861	17.971	-17.654
45	2.1825	-2.1825	17.654	-17.217
46	2.5561	-2.5561	17.217	-16.706
47	2.7297	-2.7297	16.706	-16.160
48	2.7246	-2.7246	16.160	-15.615
49	2.5604	-2.5604	15.615	-15.103
50	2.2552	-2.2552	15.103	-14.652
51	1.8257	-1.8257	14.652	-14.287
52	2.4057	-2.4057	14.287	-13.806
53	2.8510	-2.8510	13.806	-13.236
54	3.1797	-3.1797	13.236	-12.600
55	3.4082	-3.4082	12.600	-11.918
56	3.5516	-3.5516	11.918	-11.208
57	3.6231	-3.6231	11.208	-10.483
58	3.6347	-3.6347	10.483	-9.7563
59	3.5968	-3.5968	9.7563	-9.0369
60	3.5189	-3.5189	9.0369	-8.3331
61	3.4089	-3.4089	8.3331	-7.6514
62	3.2741	-3.2741	7.6514	-6.9965
63	3.1203	-3.1203	6.9965	-6.3725
64	2.9530	-2.9530	6.3725	-5.7819
65	2.7767	-2.7767	5.7819	-5.2265
66	2.5941	-2.5941	5.2265	-4.7077
67	2.4086	-2.4086	4.7077	-4.2260
68	2.2231	-2.2231	4.2260	-3.7814

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69	2.0398	-2.0398	3.7814	-3.3734
70	1.8608	-1.8608	3.3734	-3.0013
71	1.6877	-1.6877	3.0013	-2.6637
72	1.5767	-1.5767	2.6637	-2.3484
73	1.4672	-1.4672	2.3484	-2.0549
74	1.3574	-1.3574	2.0549	-1.7835
75	1.2485	-1.2485	1.7835	-1.5338
76	1.1397	-1.1397	1.5338	-1.3058
77	1.0323	-1.0323	1.3058	-1.0994
78	0.92760	-0.92760	1.0994	-0.91384
79	0.82630	-0.82630	0.91384	-0.74858
80	0.72911	-0.72911	0.74858	-0.60276
81	0.63648	-0.63648	0.60276	-0.47546
82	0.54875	-0.54875	0.47546	-0.36571
83	0.46607	-0.46607	0.36571	-0.27250
84	0.38850	-0.38850	0.27250	-0.19480
85	0.31601	-0.31601	0.19480	-0.13160
86	0.24845	-0.24845	0.13160	-8.19062E-02
87	0.18565	-0.18565	8.19062E-02	-4.47772E-02
88	0.12736	-0.12736	4.47772E-02	-1.93062E-02
89	7.33095E-02	-7.33095E-02	1.93062E-02	-4.64353E-03
90	2.32177E-02	-2.32177E-02	4.64353E-03	1.62206E-12





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                NewProject.BaseDesignSection_28.Nominal_63
                Exe Time : 8 June 2018      11:15:43
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :  
 ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 3.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	250.00	-1.15283E-03	-1.15283E-03	0.0000	0.0000	0.0000	0.0000	BORN NOW JUST ACTIVATED

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ITER 0 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.6578E+06 RIMNOR=0.2763E+06
      RENORM=0.5864E+05 REMNOR=0.3484E-21 RATIO =0.2986      TOLER =0.1000E-03 NOT CONVERGED
      RFMAX = 241.5      RMMAX = 143.4
      RTSMAL=0.1000E-02 RMSMAL=0.1000E-02
      RDT =0.6578E+06 RDR =0.2763E+06
      RATIOT=0.2986      RATIO= 0.000
      MAX UN= 35.65      IEQ= 95 NODE      48 DOF 1 Y-DISPL.F
      MIN UN=-45.83      IEQ= 127 NODE     64 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
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ITER 2 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.6578E+06 RIMNOR=0.2763E+06
      RENORM=0.6939E-02 REMNOR=0.2837E-18 RATIO =0.1027E-03 TOLER =0.1000E-03 NOT CONVERGED
      RFMAX = 241.5      RMMAX = 143.4
      RTSMAL=0.1000E-02 RMSMAL=0.1000E-02
      RDT =0.6578E+06 RDR =0.2763E+06
      RATIOT=0.1027E-03 RATIO= 0.000
      MAX UN=0.1586E-08 IEQ= 159 NODE     80 DOF 1 Y-DISPL.F
      MIN UN=-.5312E-01 IEQ= 103 NODE     52 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
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ITER 3 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.6578E+06 RIMNOR=0.2763E+06
      RENORM=0.4283E-06 REMNOR=0.3197E-19 RATIO =0.8070E-06 TOLER =0.1000E-03 CONVERGED !
      RFMAX = 241.5      RMMAX = 143.4
      RTSMAL=0.1000E-02 RMSMAL=0.1000E-02
      RDT =0.6578E+06 RDR =0.2763E+06
      RATIOT=0.8070E-06 RATIO= 0.000
      MAX UN=0.3824E-03 IEQ= 101 NODE     51 DOF 1 Y-DISPL.F
      MIN UN=-.1613E-03 IEQ= 179 NODE     90 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
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GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:15:44

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 4 ( AT TIME 4.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	-5.7097471E-05	4.3519450E-04
2	2.9943727E-05	4.3522897E-04
3	1.1700424E-04	4.3541521E-04
4	2.0413163E-04	4.3592877E-04
5	2.9141079E-04	4.3696803E-04
6	3.7896978E-04	4.3877127E-04
7	4.6698945E-04	4.4162680E-04
8	5.5571277E-04	4.4586645E-04
9	6.4545302E-04	4.5186088E-04
10	7.3660293E-04	4.6004246E-04
11	8.2964664E-04	4.7087358E-04
12	9.2515806E-04	4.8479013E-04
13	1.0237958E-03	5.0220273E-04
14	1.1262993E-03	5.2351761E-04
15	1.2334910E-03	5.4915528E-04
16	1.3462784E-03	5.7954804E-04
17	1.4651311E-03	6.0725368E-04
18	1.5885050E-03	6.2483641E-04
19	1.7144209E-03	6.3274814E-04
20	1.8409898E-03	6.3144299E-04
21	1.9664140E-03	6.2137619E-04
22	2.0889866E-03	6.0300365E-04
23	2.2070922E-03	5.7678214E-04
24	2.3192062E-03	5.4317026E-04
25	2.4238978E-03	5.0262902E-04
26	2.5198269E-03	4.5562470E-04
27	2.6057483E-03	4.0263048E-04
28	2.6805051E-03	3.4402567E-04
29	2.7430033E-03	2.8009666E-04
30	2.7922083E-03	2.1114077E-04
31	2.8271455E-03	1.3747308E-04
32	2.8469059E-03	5.9430505E-05
33	2.8506504E-03	-2.2622138E-05
34	2.8376163E-03	-1.0828607E-04
35	2.8071247E-03	-1.9712166E-04
36	2.7585887E-03	-2.8864352E-04
37	2.6915242E-03	-3.8231083E-04
38	2.6055614E-03	-4.7752192E-04
39	2.5004572E-03	-5.7360638E-04
40	2.3761111E-03	-6.6981710E-04
41	2.2325779E-03	-7.6532455E-04
42	2.0700896E-03	-8.5920634E-04
43	1.8890718E-03	-9.5044152E-04
44	1.6901645E-03	-1.0379050E-03
45	1.4742447E-03	-1.1203608E-03
46	1.2424455E-03	-1.1964529E-03
47	9.9618703E-04	-1.2646932E-03
48	7.3719997E-04	-1.3234567E-03
49	4.6755408E-04	-1.3709744E-03
50	1.8963619E-04	-1.4061233E-03
51	-9.4050760E-05	-1.4286257E-03
52	-3.8096335E-04	-1.4384532E-03
53	-6.6860694E-04	-1.4359901E-03
54	-9.5458605E-04	-1.4219270E-03
55	-1.2366532E-03	-1.3969957E-03
56	-1.5127113E-03	-1.3619692E-03
57	-1.7808223E-03	-1.3176645E-03
58	-2.0392162E-03	-1.2649454E-03
59	-2.2863006E-03	-1.2047272E-03
60	-2.5206718E-03	-1.1379811E-03
61	-2.7411267E-03	-1.0657410E-03
62	-2.9466755E-03	-9.8910917E-04
63	-3.1365562E-03	-9.0926390E-04
64	-3.3102509E-03	-8.2746684E-04
65	-3.4675022E-03	-7.4505912E-04
66	-3.6083183E-03	-6.6330738E-04
67	-3.7329394E-03	-5.8326899E-04
68	-3.8417981E-03	-5.0581379E-04
69	-3.9354839E-03	-4.3164383E-04
70	-4.0147114E-03	-3.6131105E-04
71	-4.0802920E-03	-2.9523353E-04
72	-4.1331085E-03	-2.3371012E-04

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73	-4.1740919E-03	-1.7692474E-04
74	-4.2042000E-03	-1.2496478E-04
75	-4.2244006E-03	-7.7846802E-05
76	-4.2356585E-03	-3.5525109E-05
77	-4.2389238E-03	2.1004811E-06
78	-4.2351216E-03	3.5177617E-05
79	-4.2251433E-03	6.3895160E-05
80	-4.2098392E-03	8.8477572E-05
81	-4.1900110E-03	1.0917992E-04
82	-4.1664071E-03	1.2628343E-04
83	-4.1397173E-03	1.4009161E-04
84	-4.1105687E-03	1.5092679E-04
85	-4.0795222E-03	1.5912717E-04
86	-4.0470700E-03	1.6504424E-04
87	-4.0136326E-03	1.6904056E-04
88	-3.9795571E-03	1.7148785E-04
89	-3.9451154E-03	1.7276535E-04
90	-3.9105015E-03	1.7325846E-04
91	-3.8758366E-03	1.7335740E-04



## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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33 D	6.602	-2.8507E-03	159.1	33.01	159.1	141.8	UL-RL	3.1422E+04	-6.400	0.000	1.000	1.000
33.01	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
34 D	7.293	-2.8376E-03	163.4	36.47	163.4	144.0	UL-RL	3.1422E+04	-6.600	0.000	1.000	1.000
36.47	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
35 D	8.093	-2.8071E-03	168.6	40.46	168.6	146.2	UL-RL	3.1422E+04	-6.800	0.000	1.000	1.000
40.46	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
36 D	9.005	-2.7586E-03	173.2	45.02	173.2	148.5	UL-RL	3.1422E+04	-7.000	0.000	1.000	1.000
45.02	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
37 D	10.03	-2.6915E-03	178.0	50.16	178.0	150.7	UL-RL	3.1422E+04	-7.200	0.000	1.000	1.000
50.16	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
38 D	11.18	-2.6056E-03	182.6	55.89	182.6	153.0	UL-RL	3.1422E+04	-7.400	0.000	1.000	1.000
55.89	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
39 D	12.44	-2.5005E-03	187.6	62.22	187.6	155.3	UL-RL	3.1422E+04	-7.600	0.000	1.000	1.000
62.22	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
40 D	13.83	-2.3761E-03	192.2	69.16	192.2	157.6	UL-RL	3.1422E+04	-7.800	0.000	1.000	1.000
69.16	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
41 D	15.34	-2.2326E-03	196.8	76.69	196.8	159.9	UL-RL	3.1422E+04	-8.000	0.000	1.000	1.000
76.69	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
42 D	16.96	-2.0701E-03	201.4	84.82	201.4	162.3	UL-RL	3.1422E+04	-8.200	0.000	1.000	1.000
84.82	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
43 D	18.63	-1.8891E-03	206.3	93.17	206.3	164.3	UL-RL	3.1422E+04	-8.400	0.000	1.000	1.000
93.17	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
44 D	20.46	-1.6902E-03	209.7	101.4	209.7	165.8	UL-RL	3.1422E+04	-8.600	0.9142	1.000	1.000
102.3	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
45 D	22.47	-1.4742E-03	212.9	109.6	212.9	166.7	UL-RL	3.1422E+04	-8.800	2.743	1.000	1.000
112.4	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
46 D	24.60	-1.2424E-03	215.8	118.4	215.8	167.7	UL-RL	3.1422E+04	-9.000	4.571	1.000	1.000
123.0	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
47 D	26.82	-9.9619E-04	219.0	127.7	219.0	168.8	UL-RL	3.1422E+04	-9.200	6.400	1.000	1.000
134.1	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
48 D	29.14	-7.3720E-04	221.5	137.5	221.5	170.0	UL-RL	3.1422E+04	-9.400	8.229	1.000	1.000
145.7	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
49 D	31.54	-4.6755E-04	224.6	147.7	224.6	171.3	UL-RL	3.1422E+04	-9.600	10.06	1.000	1.000
157.7	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
50 D	34.00	-1.8964E-04	227.4	158.1	227.4	172.6	UL-RL	3.1422E+04	-9.800	11.89	1.000	1.000
170.0	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
51 D	36.50	9.4051E-05	230.2	168.8	230.2	174.1	UL-RL	3.1422E+04	-10.00	13.71	1.000	1.000
182.5	0.000	0.000			Sabbialimosoghiaiosa2_235_220_L_							
52 D	39.03	3.8096E-04	233.0	179.6	233.0	179.6	V-C	1.6355E+04	-10.20	15.54	1.000	1.000
195.2	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
53 D	40.66	6.6861E-04	236.1	186.0	236.1	186.0	V-C	1.6355E+04	-10.40	17.37	1.000	1.000
203.3	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
54 D	42.30	9.5459E-04	238.6	192.3	238.6	192.3	V-C	1.6355E+04	-10.60	19.20	1.000	1.000
211.5	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
55 D	43.93	1.2367E-03	241.7	198.6	241.7	198.6	V-C	1.6355E+04	-10.80	21.03	1.000	1.000
219.6	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
56 D	45.54	1.5127E-03	244.4	204.9	244.4	204.9	V-C	1.6355E+04	-11.00	22.86	1.000	1.000
227.7	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
57 D	47.14	1.7808E-03	247.5	211.0	247.5	211.0	V-C	1.6355E+04	-11.20	24.69	1.000	1.000
235.7	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
58 D	48.71	2.0392E-03	249.9	217.0	249.9	217.0	V-C	1.6355E+04	-11.40	26.51	1.000	1.000
243.5	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
59 D	50.24	2.2863E-03	253.0	222.9	253.0	222.9	V-C	1.6355E+04	-11.60	28.34	1.000	1.000
251.2	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
60 D	51.74	2.5207E-03	255.7	228.5	255.7	228.5	V-C	1.6355E+04	-11.80	30.17	1.000	1.000
258.7	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
61 D	53.19	2.7411E-03	258.4	234.0	258.4	234.0	V-C	1.6355E+04	-12.00	32.00	1.000	1.000
266.0	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
62 D	54.60	2.9467E-03	261.2	239.2	261.2	239.2	V-C	1.6355E+04	-12.20	33.83	1.000	1.000
273.0	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
63 D	55.96	3.1366E-03	264.1	244.1	264.1	244.1	V-C	1.6355E+04	-12.40	35.66	1.000	1.000
279.8	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
64 D	57.26	3.3103E-03	266.6	248.8	266.6	248.8	V-C	1.6355E+04	-12.60	37.49	1.000	1.000
286.3	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
65 D	58.51	3.4675E-03	269.6	253.2	269.6	253.2	V-C	1.6355E+04	-12.80	39.31	1.000	1.000
292.6	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
66 D	59.71	3.6083E-03	272.3	257.4	272.3	257.4	V-C	1.6355E+04	-13.00	41.14	1.000	1.000
298.5	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
67 D	60.85	3.7329E-03	275.2	261.3	275.2	261.3	V-C	1.6355E+04	-13.20	42.97	1.000	1.000
304.3	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
68 D	61.95	3.8418E-03	277.7	264.9	277.7	264.9	V-C	1.6355E+04	-13.40	44.80	1.000	1.000
309.7	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
69 D	62.99	3.9355E-03	280.6	268.3	280.6	268.3	V-C	1.6355E+04	-13.60	46.63	1.000	1.000
314.9	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
70 D	63.99	4.0147E-03	283.3	271.5	283.3	271.5	V-C	1.6355E+04	-13.80	48.46	1.000	1.000
319.9	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
71 D	64.94	4.0803E-03	286.0	274.4	286.0	274.4	V-C	1.6355E+04	-14.00	50.29	1.000	1.000
324.7	0.000	0.000			sabbialimosoghiaiosa3_236_221_L_							
72 D	65.29	4.1331E-03	288.3	274.4	288.3	274.4	V-C	1.6355E+04	-14.20	52.11	1.000	1.000
326.5	0.000	0.000			Limosabbiosol_237_225_L_0							
73 D	66.10	4.1741E-03	290.8	276.6	290.8	276.6	V-C	1.6355E+04	-14.40	53.94	1.000	1.000
330.5	0.000	0.000			Limosabbiosol_237_225_L_0							
74 D	66.87	4.2042E-03	292.9	278.6	292.9	278.6	V-C	1.6355E+04	-14.60	55.77	1.000	1.000
334.3	0.000	0.000			Limosabbiosol_237_225_L_0							
75 D	67.61	4.2244E-03	295.4	280.4	295.4	280.4	V-C	1.6355E+04	-14.80	57.60	1.000	1.000
338.0	0.000	0.000			Limosabbiosol_237_225_L_0							
76 D	68.31	4.2357E-03	297.7	282.1	297.7	282.1	V-C	1.6355E+04	-15.00	59.43	1.000	1.000
341.6	0.000	0.000			Limosabbiosol_237_225_L_0							
77 D	68.99	4.2389E-03	300.1	283.7	300.1	283.7	V-C	1.6355E+04	-15.20	61.26	1.000	1.000
345.0	0.000	0.000			Limosabbiosol_237_225_L_0							





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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:15:44

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
CURRENT TIME IS 4.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				





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78 D	66.36	-4.2351E-03	69.29 273.2 182.2	363.9	UL-RL 2.2479E+04 -15.40 58.63 1.000 1.000
331.8	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	66.48	-4.2251E-03	71.18 271.6 184.3	362.1	UL-RL 2.2479E+04 -15.60 60.80 1.000 1.000
332.4	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	66.65	-4.2098E-03	73.07 270.3 186.3	360.4	UL-RL 2.2479E+04 -15.80 62.97 1.000 1.000
333.3	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	66.88	-4.1900E-03	74.96 269.3 188.4	358.9	UL-RL 2.2479E+04 -16.00 65.14 1.000 1.000
334.4	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	67.15	-4.1664E-03	76.85 268.5 190.5	357.5	UL-RL 2.2479E+04 -16.20 67.31 1.000 1.000
335.8	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	67.47	-4.1397E-03	78.73 267.9 192.5	356.3	UL-RL 2.2479E+04 -16.40 69.49 1.000 1.000
337.3	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	67.82	-4.1106E-03	80.62 267.4 194.6	355.2	UL-RL 2.2479E+04 -16.60 71.66 1.000 1.000
339.1	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	68.20	-4.0795E-03	82.51 267.2 196.6	354.2	UL-RL 2.2479E+04 -16.80 73.83 1.000 1.000
341.0	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	68.61	-4.0471E-03	84.40 267.1 198.7	353.3	UL-RL 2.2479E+04 -17.00 76.00 1.000 1.000
343.1	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	69.05	-4.0136E-03	86.29 267.1 200.8	352.5	UL-RL 2.2479E+04 -17.20 78.17 1.000 1.000
345.2	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	69.50	-3.9796E-03	88.18 267.2 202.8	351.8	UL-RL 2.2479E+04 -17.40 80.34 1.000 1.000
347.5	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	69.98	-3.9451E-03	90.07 267.4 204.9	351.2	UL-RL 2.2479E+04 -17.60 82.51 1.000 1.000
349.9	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	70.48	-3.9105E-03	91.95 267.7 206.9	350.7	UL-RL 2.2479E+04 -17.80 84.69 1.000 1.000
352.4	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	35.49	-3.8758E-03	93.84 268.1 209.0	350.3	UL-RL 2.2479E+04 -18.00 86.86 1.000 1.000
354.9	0.000	0.000	Limosabbiosol_237_225_L_0		

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NewProject.BaseDesignSection\_28.Nominal\_63  
 Exe Time : 8 June 2018 11:15:44  
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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
 CURRENT TIME IS 4.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.0909	-1.0909	4.76064E-13	0.21819
2	3.7107	-3.7107	-0.21819	0.96034
3	6.6458	-6.6458	-0.96034	2.2895
4	9.9878	-9.9878	-2.2895	4.2870
5	14.185	-14.185	-4.2870	7.1240
6	19.110	-19.110	-7.1240	10.946
7	24.684	-24.684	-10.946	15.883
8	30.838	-30.838	-15.883	22.050
9	38.364	-38.364	-22.050	29.723
10	45.468	-45.468	-29.723	38.817
11	52.156	-52.156	-38.817	49.248
12	58.461	-58.461	-49.248	60.940
13	65.009	-65.009	-60.940	73.942
14	71.765	-71.765	-73.942	88.295
15	78.688	-78.688	-88.295	104.03
16	-163.71	163.71	-104.03	71.291
17	-156.58	156.58	-71.291	39.974
18	-149.41	149.41	-39.974	10.092
19	-142.21	142.21	-10.092	-18.351
20	-135.01	135.01	18.351	-45.352
21	-127.79	127.79	45.352	-70.910
22	-120.55	120.55	70.910	-95.021
23	-113.29	113.29	95.021	-117.68
24	-105.96	105.96	117.68	-138.87
25	-98.537	98.537	138.87	-158.58
26	-90.985	90.985	158.58	-176.77
27	-86.536	86.536	176.77	-194.08
28	-81.935	81.935	194.08	-210.47
29	-77.108	77.108	210.47	-225.89
30	-71.975	71.975	225.89	-240.28
31	-66.448	66.448	240.28	-253.57
32	-60.432	60.432	253.57	-265.66
33	-53.830	53.830	265.66	-276.43
34	-46.537	46.537	276.43	-285.73
35	-38.444	38.444	285.73	-293.42
36	-29.439	29.439	293.42	-299.31
37	-19.406	19.406	299.31	-303.19
38	-8.2274	8.2274	303.19	-304.84
39	4.2175	-4.2175	304.84	-303.99
40	18.049	-18.049	303.99	-300.38
41	33.388	-33.388	300.38	-293.71
42	50.352	-50.352	293.71	-283.64
43	68.985	-68.985	283.64	-269.84
44	89.447	-89.447	269.84	-251.95
45	111.92	-111.92	251.95	-229.57
46	136.51	-136.51	229.57	-202.26
47	163.34	-163.34	202.26	-169.60
48	192.48	-192.48	169.60	-131.10
49	198.87	-198.87	131.10	-91.326
50	201.28	-201.28	91.326	-51.070
51	199.75	-199.75	51.070	-11.120
52	189.14	-189.14	11.120	26.707
53	177.89	-177.89	-26.707	62.285
54	165.99	-165.99	-62.285	95.483
55	153.42	-153.42	-95.483	126.17
56	140.14	-140.14	-126.17	154.20
57	126.09	-126.09	-154.20	179.41
58	111.19	-111.19	-179.41	201.65
59	95.352	-95.352	-201.65	220.72
60	78.483	-78.483	-220.72	236.42
61	60.472	-60.472	-236.42	248.51
62	41.203	-41.203	-248.51	256.75
63	20.553	-20.553	-256.75	260.86
64	-1.2316	1.2316	-260.86	260.62
65	-19.524	19.524	-260.62	256.71
66	-34.687	34.687	-256.71	249.78
67	-47.047	47.047	-249.78	240.37
68	-56.899	56.899	-240.37	228.99

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69	-64.511	64.511	-228.99	216.08
70	-70.127	70.127	-216.08	202.06
71	-73.967	73.967	-202.06	187.27
72	-75.946	75.946	-187.27	172.08
73	-76.732	76.732	-172.08	156.73
74	-76.470	76.470	-156.73	141.44
75	-75.286	75.286	-141.44	126.38
76	-73.300	73.300	-126.38	111.72
77	-70.615	70.615	-111.72	97.596
78	-67.324	67.324	-97.596	84.131
79	-63.513	63.513	-84.131	71.428
80	-59.254	59.254	-71.428	59.578
81	-54.614	54.614	-59.578	48.655
82	-49.651	49.651	-48.655	38.724
83	-44.415	44.415	-38.724	29.841
84	-38.950	38.950	-29.841	22.051
85	-33.294	33.294	-22.051	15.392
86	-27.479	27.479	-15.392	9.8966
87	-21.533	21.533	-9.8966	5.5900
88	-15.479	15.479	-5.5900	2.4941
89	-9.3394	9.3394	-2.4941	0.62614
90	-3.1307	3.1307	-0.62614	8.85089E-12



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NewProject.BaseDesignSection\_28.Nominal\_63  
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :  
 ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 4.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	258.24	-1.15283E-03	8.47907E-04	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

ITER 0 RNORM = 618.1 RMNORM= 0.000  
 RINORM=0.1913E+07 RIMNOR=0.5232E+07  
 RENORM= 626.5 REMNOR=0.3197E-19 RATIO =0.1810E-01 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 249.4 RMMAX = 304.8  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.1913E+07 RDR =0.5232E+07  
 RATIOT=0.1810E-01 RATIO= 0.000  
 MAX UN= 6.102 IEQ= 179 NODE 90 DOF 1 Y-DISPL.F  
 MIN UN=-.7120E-10 IEQ= 142 NODE 71 DOF 2 X-ROT. F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 618.1 RMNORM= 0.000  
 RINORM=0.1913E+07 RIMNOR=0.5232E+07  
 RENORM=0.3248 REMNOR=0.2149E-19 RATIO =0.4121E-03 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 249.4 RMMAX = 304.8  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.1913E+07 RDR =0.5232E+07  
 RATIOT=0.4121E-03 RATIO= 0.000  
 MAX UN=0.5699 IEQ= 105 NODE 53 DOF 1 Y-DISPL.F  
 MIN UN=-.7274E-09 IEQ= 151 NODE 76 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 618.1 RMNORM= 0.000  
 RINORM=0.1913E+07 RIMNOR=0.5232E+07  
 RENORM=0.8281E-17 REMNOR=0.2292E-19 RATIO =0.2081E-11 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 249.4 RMMAX = 304.8  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.1913E+07 RDR =0.5232E+07  
 RATIOT=0.2081E-11 RATIO= 0.000  
 MAX UN=0.1008E-08 IEQ= 153 NODE 77 DOF 1 Y-DISPL.F  
 MIN UN=-.6837E-09 IEQ= 177 NODE 89 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 5 ( AT TIME 5.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	4.1328018E-04	3.6468141E-04	
2	4.8621948E-04	3.6472670E-04	
3	5.5918389E-04	3.6496735E-04	
4	6.3223411E-04	3.6562325E-04	
5	7.0547710E-04	3.6693781E-04	
6	7.7907208E-04	3.6919506E-04	
7	8.5324029E-04	3.7272980E-04	
8	9.2827443E-04	3.7792101E-04	
9	1.0045470E-03	3.8518724E-04	
10	1.0825165E-03	3.9496166E-04	
11	1.1627268E-03	4.0766215E-04	
12	1.2458028E-03	4.2368418E-04	
13	1.3324468E-03	4.4340198E-04	
14	1.4234349E-03	4.6718926E-04	
15	1.5196199E-03	4.9543771E-04	
16	1.6219346E-03	5.2855443E-04	
17	1.7308664E-03	5.5904186E-04	
18	1.8448768E-03	5.7941214E-04	
19	1.9619859E-03	5.9010164E-04	
20	2.0803015E-03	5.9155183E-04	
21	2.1980204E-03	5.8420796E-04	
22	2.3134283E-03	5.6851853E-04	
23	2.4249015E-03	5.4493524E-04	
24	2.5309060E-03	5.1391378E-04	
25	2.6300013E-03	4.7591434E-04	
26	2.7208377E-03	4.3140415E-04	
27	2.8021606E-03	3.8085911E-04	
28	2.8728041E-03	3.2465484E-04	
29	2.9316634E-03	2.6306772E-04	
30	2.9776913E-03	1.9638662E-04	
31	3.0098990E-03	1.2491950E-04	
32	3.0273621E-03	4.8997344E-05	
33	3.0292249E-03	-3.1019975E-05	
34	3.0147074E-03	-1.1473778E-04	
35	2.9831124E-03	-2.0171991E-04	
36	2.9338341E-03	-2.9148387E-04	
37	2.8663692E-03	-3.8349142E-04	
38	2.7803279E-03	-4.7714321E-04	
39	2.6754469E-03	-5.7177109E-04	
40	2.5516047E-03	-6.6663020E-04	
41	2.4088351E-03	-7.6089343E-04	
42	2.2473484E-03	-8.5364105E-04	
43	2.0675476E-03	-9.4385512E-04	
44	1.8700500E-03	-1.0304140E-03	
45	1.6557093E-03	-1.1120795E-03	
46	1.4256370E-03	-1.1874786E-03	
47	1.1812368E-03	-1.2550937E-03	
48	9.2422929E-04	-1.3132625E-03	
49	6.5668182E-04	-1.3601813E-03	
50	3.8098447E-04	-1.3947055E-03	
51	9.9647326E-05	-1.4165347E-03	
52	-1.8477283E-04	-1.4256005E-03	
53	-4.6975920E-04	-1.4222466E-03	
54	-7.5288909E-04	-1.4071571E-03	
55	-1.0318905E-03	-1.3810943E-03	
56	-1.3046495E-03	-1.3448716E-03	
57	-1.5692184E-03	-1.2993383E-03	
58	-1.8238235E-03	-1.2453849E-03	
59	-2.0668734E-03	-1.1839472E-03	
60	-2.2969692E-03	-1.1160129E-03	
61	-2.5129152E-03	-1.0426280E-03	
62	-2.7137311E-03	-9.6490326E-04	
63	-2.8986661E-03	-8.8402260E-04	
64	-3.0672141E-03	-8.0125061E-04	
65	-3.2191297E-03	-7.1792918E-04	
66	-3.3544335E-03	-6.3532387E-04	
67	-3.4733773E-03	-5.5448948E-04	
68	-3.5764051E-03	-4.7629210E-04	
69	-3.6641165E-03	-4.0142909E-04	
70	-3.7372354E-03	-3.3044709E-04	
71	-3.7965815E-03	-2.6375845E-04	
72	-3.8430446E-03	-2.0165616E-04	

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73	-3.8775616E-03	-1.4431827E-04
74	-3.9010950E-03	-9.1826546E-05
75	-3.9146161E-03	-4.4192357E-05
76	-3.9190924E-03	-1.3654351E-06
77	-3.9154758E-03	3.6758161E-05
78	-3.9046926E-03	7.0328909E-05
79	-3.8876350E-03	9.9537404E-05
80	-3.8651535E-03	1.2460859E-04
81	-3.8380505E-03	1.4579663E-04
82	-3.8070751E-03	1.6338026E-04
83	-3.7729187E-03	1.7765876E-04
84	-3.7362109E-03	1.8894843E-04
85	-3.6975166E-03	1.9757947E-04
86	-3.6573336E-03	2.0389331E-04
87	-3.6160904E-03	2.0824017E-04
88	-3.5741448E-03	2.1097710E-04
89	-3.5317827E-03	2.1246624E-04
90	-3.4892150E-03	2.1307333E-04
91	-3.4465832E-03	2.1320224E-04







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78 D	66.95	3.9047E-03	302.2 271.7 302.2	285.2	UL-RL 4.0888E+04 -15.40 63.09 1.000 1.000
334.7	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	67.53	3.8876E-03	304.7 272.7 304.7	286.5	UL-RL 4.0888E+04 -15.60 64.91 1.000 1.000
337.7	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	68.09	3.8652E-03	307.0 273.7 307.0	287.8	UL-RL 4.0888E+04 -15.80 66.74 1.000 1.000
340.5	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	68.64	3.8381E-03	309.3 274.6 309.3	289.0	UL-RL 4.0888E+04 -16.00 68.57 1.000 1.000
343.2	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	69.18	3.8071E-03	311.5 275.5 311.5	290.2	UL-RL 4.0888E+04 -16.20 70.40 1.000 1.000
345.9	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	69.70	3.7729E-03	314.0 276.3 314.0	291.3	UL-RL 4.0888E+04 -16.40 72.23 1.000 1.000
348.5	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	70.22	3.7362E-03	316.1 277.1 316.1	292.4	UL-RL 4.0888E+04 -16.60 74.06 1.000 1.000
351.1	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	70.73	3.6975E-03	318.5 277.8 318.5	293.4	UL-RL 4.0888E+04 -16.80 75.89 1.000 1.000
353.7	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	71.24	3.6573E-03	320.8 278.5 320.8	294.4	UL-RL 4.0888E+04 -17.00 77.71 1.000 1.000
356.2	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	71.74	3.6161E-03	323.2 279.2 323.2	295.4	UL-RL 4.0888E+04 -17.20 79.54 1.000 1.000
358.7	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	72.24	3.5741E-03	325.3 279.8 325.3	296.4	UL-RL 4.0888E+04 -17.40 81.37 1.000 1.000
361.2	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	72.74	3.5318E-03	327.7 280.5 327.7	297.4	UL-RL 4.0888E+04 -17.60 83.20 1.000 1.000
363.7	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	73.24	3.4892E-03	330.0 281.2 330.0	298.4	UL-RL 4.0888E+04 -17.80 85.03 1.000 1.000
366.2	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	36.87	3.4466E-03	332.2 281.8 332.2	299.4	UL-RL 4.0888E+04 -18.00 86.86 1.000 1.000
368.7	0.000	0.000	Limosabbiosol_237_225_L_0		



Doc. N.

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Codifica Documento  
E E2 CL GA 160 1 002

Rev.  
A

Foglio  
170 di 2653

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:15:44

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
CURRENT TIME IS 5.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



Doc. N.	Progetto INOR	Lotto 11	Codifica Documento E E2 CL GA 160 1 002	Rev. A	Foglio 171 di 2653					
33	0.000	--	--	--	REMOVED	--	-6.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-6.600	0.000	1.000	1.000
34	0.000	--	--	--	REMOVED	--	-6.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.000	0.000	1.000	1.000
35	0.000	--	--	--	REMOVED	--	-7.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.400	0.000	1.000	1.000
36	0.000	--	--	--	REMOVED	--	-7.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.800	0.000	1.000	1.000
37	0.000	--	--	--	REMOVED	--	-8.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.200	0.000	1.000	1.000
38	0.000	--	--	--	REMOVED	--	-8.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.600	0.000	1.000	1.000
39	0.000	--	--	--	REMOVED	--	-8.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.000	0.000	1.000	1.000
40	0.000	--	--	--	REMOVED	--	-9.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.400	0.000	1.000	1.000
41	0.000	--	--	--	REMOVED	--	-9.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.800	0.000	1.000	1.000
42	0.000	--	--	--	REMOVED	--	-10.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-10.200	0.000	1.000	1.000
43	0.000	--	--	--	REMOVED	--	-10.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-10.600	0.000	1.000	1.000
44	0.000	--	--	--	REMOVED	--	-10.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.000	0.000	1.000	1.000
45	0.000	--	--	--	REMOVED	--	-11.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.400	0.000	1.000	1.000
46	0.000	--	--	--	REMOVED	--	-11.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.800	0.000	1.000	1.000
47	0.000	--	--	--	REMOVED	--	-12.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-12.200	0.000	1.000	1.000
48	0.000	--	--	--	REMOVED	--	-12.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-12.600	0.000	1.000	1.000
49 D	24.68	6.5668E-04	2.140 123.4 114.1	152.3	PASSIVE	0.000	-9.600	0.000	1.000	1.000
123.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
50 D	30.90	3.8098E-04	6.420 154.5 116.6	158.0	PASSIVE	0.000	-9.800	0.000	1.000	1.000
154.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
51 D	37.12	9.9647E-05	10.70 185.6 119.0	190.1	PASSIVE	0.000	-10.000	0.000	1.000	1.000
185.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
52 D	48.89	-1.8477E-04	12.97 242.3 121.4	249.0	PASSIVE	0.000	-10.200	2.171	1.000	1.000
244.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
53 D	52.23	-4.6976E-04	15.24 256.8 123.9	264.8	PASSIVE	0.000	-10.400	4.343	1.000	1.000
261.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
54 D	55.10	-7.5289E-04	17.51 269.0 126.3	280.6	UL-RL	2.2479E+04	-10.600	6.514	1.000	1.000
275.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
55 D	57.42	-1.0319E-03	19.77 278.4 128.8	296.5	UL-RL	2.2479E+04	-10.800	8.686	1.000	1.000
287.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
56 D	59.76	-1.3046E-03	22.04 287.9 131.2	312.3	UL-RL	2.2479E+04	-11.000	10.86	1.000	1.000
298.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
57 D	62.15	-1.5692E-03	24.31 297.7 133.6	328.1	UL-RL	2.2479E+04	-11.200	13.03	1.000	1.000
310.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
58 D	64.58	-1.8238E-03	26.58 307.7 136.1	344.0	UL-RL	2.2479E+04	-11.400	15.20	1.000	1.000
322.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
59 D	67.07	-2.0669E-03	28.85 318.0 138.5	359.8	UL-RL	2.2479E+04	-11.600	17.37	1.000	1.000
335.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
60 D	69.62	-2.2970E-03	31.12 328.5 141.0	375.6	UL-RL	2.2479E+04	-11.800	19.54	1.000	1.000
348.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
61 D	72.23	-2.5129E-03	33.39 339.4 143.4	391.5	UL-RL	2.2479E+04	-12.000	21.71	1.000	1.000
361.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
62 D	74.92	-2.7137E-03	35.65 350.7 145.8	407.3	UL-RL	2.2479E+04	-12.200	23.89	1.000	1.000
374.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
63 D	77.68	-2.8987E-03	37.92 362.3 148.3	423.1	UL-RL	2.2479E+04	-12.400	26.06	1.000	1.000
388.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
64 D	80.14	-3.0672E-03	40.19 372.5 150.7	437.1	UL-RL	2.2479E+04	-12.600	28.23	1.000	1.000
400.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
65 D	77.92	-3.2191E-03	42.46 359.2 153.2	427.3	UL-RL	2.2479E+04	-12.800	30.40	1.000	1.000
389.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
66 D	76.01	-3.3544E-03	44.73 347.5 155.6	418.6	UL-RL	2.2479E+04	-13.000	32.57	1.000	1.000
380.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
67 D	74.38	-3.4734E-03	47.00 337.2 158.0	411.0	UL-RL	2.2479E+04	-13.200	34.74	1.000	1.000
371.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
68 D	72.99	-3.5764E-03	49.27 328.0 160.5	404.2	UL-RL	2.2479E+04	-13.400	36.91	1.000	1.000
365.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
69 D	71.82	-3.6641E-03	51.53 320.0 162.9	398.1	UL-RL	2.2479E+04	-13.600	39.09	1.000	1.000
359.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
70 D	70.85	-3.7372E-03	53.80 313.0 165.4	392.7	UL-RL	2.2479E+04	-13.800	41.26	1.000	1.000
354.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
71 D	70.05	-3.7966E-03	56.07 306.8 167.8	387.9	UL-RL	2.2479E+04	-14.000	43.43	1.000	1.000
350.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
72 D	68.58	-3.8430E-03	57.96 297.3 169.9	379.4	UL-RL	2.2479E+04	-14.200	45.60	1.000	1.000
342.9	0.000	0.000	Limosabbiosol_237_225_L_0							
73 D	68.22	-3.8776E-03	59.85 293.3 171.9	376.2	UL-RL	2.2479E+04	-14.400	47.77	1.000	1.000
341.1	0.000	0.000	Limosabbiosol_237_225_L_0							
74 D	67.97	-3.9011E-03	61.74 289.9 174.0	373.3	UL-RL	2.2479E+04	-14.600	49.94	1.000	1.000
339.9	0.000	0.000	Limosabbiosol_237_225_L_0							
75 D	67.82	-3.9146E-03	63.63 287.0 176.0	370.6	UL-RL	2.2479E+04	-14.800	52.11	1.000	1.000
339.1	0.000	0.000	Limosabbiosol_237_225_L_0							
76 D	67.75	-3.9191E-03	65.51 284.5 178.1	368.2	UL-RL	2.2479E+04	-15.000	54.29	1.000	1.000
338.7	0.000	0.000	Limosabbiosol_237_225_L_0							
77 D	67.76	-3.9155E-03	67.40 282.4 180.2	366.0	UL-RL	2.2479E+04	-15.200	56.46	1.000	1.000
338.8	0.000	0.000	Limosabbiosol_237_225_L_0							

GENERAL CONTRACTOR

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ALTA SORVEGLIANZA



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78 D	67.85	-3.9047E-03	69.29 280.6 182.2	363.9	UL-RL 2.2479E+04 -15.40 58.63 1.000 1.000
339.2	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	68.00	-3.8876E-03	71.18 279.2 184.3	362.1	UL-RL 2.2479E+04 -15.60 60.80 1.000 1.000
340.0	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	68.20	-3.8652E-03	73.07 278.0 186.3	360.4	UL-RL 2.2479E+04 -15.80 62.97 1.000 1.000
341.0	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	68.46	-3.8381E-03	74.96 277.2 188.4	358.9	UL-RL 2.2479E+04 -16.00 65.14 1.000 1.000
342.3	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	68.77	-3.8071E-03	76.85 276.5 190.5	357.5	UL-RL 2.2479E+04 -16.20 67.31 1.000 1.000
343.8	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	69.12	-3.7729E-03	78.73 276.1 192.5	356.3	UL-RL 2.2479E+04 -16.40 69.49 1.000 1.000
345.6	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	69.50	-3.7362E-03	80.62 275.8 194.6	355.2	UL-RL 2.2479E+04 -16.60 71.66 1.000 1.000
347.5	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	69.92	-3.6975E-03	82.51 275.8 196.6	354.2	UL-RL 2.2479E+04 -16.80 73.83 1.000 1.000
349.6	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	70.36	-3.6573E-03	84.40 275.8 198.7	353.3	UL-RL 2.2479E+04 -17.00 76.00 1.000 1.000
351.8	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	70.83	-3.6161E-03	86.29 276.0 200.8	352.5	UL-RL 2.2479E+04 -17.20 78.17 1.000 1.000
354.2	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	71.33	-3.5741E-03	88.18 276.3 202.8	351.8	UL-RL 2.2479E+04 -17.40 80.34 1.000 1.000
356.6	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	71.84	-3.5318E-03	90.07 276.7 204.9	351.2	UL-RL 2.2479E+04 -17.60 82.51 1.000 1.000
359.2	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	72.37	-3.4892E-03	91.95 277.2 206.9	350.7	UL-RL 2.2479E+04 -17.80 84.69 1.000 1.000
361.8	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	36.46	-3.4466E-03	93.84 277.7 209.0	350.3	UL-RL 2.2479E+04 -18.00 86.86 1.000 1.000
364.6	0.000	0.000	Limosabbiosol_237_225_L_0		

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 5.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.4330	-1.4330	-4.42468E-12	0.28660
2	4.7483	-4.7483	-0.28660	1.2363
3	8.3902	-8.3902	-1.2363	2.9143
4	12.450	-12.450	-2.9143	5.4044
5	17.377	-17.377	-5.4044	8.8797
6	23.043	-23.043	-8.8797	13.488
7	29.369	-29.369	-13.488	19.362
8	36.286	-36.286	-19.362	26.619
9	43.074	-43.074	-26.619	35.234
10	49.507	-49.507	-35.234	45.136
11	55.588	-55.588	-45.136	56.253
12	61.348	-61.348	-56.253	68.523
13	67.412	-67.412	-68.523	82.005
14	73.741	-73.741	-82.005	96.753
15	80.292	-80.292	-96.753	112.81
16	-163.48	163.48	-112.81	80.115
17	-156.63	156.63	-80.115	48.790
18	-149.68	149.68	-48.790	18.854
19	-142.66	142.66	-18.854	-9.6774
20	-135.59	135.59	9.6774	-36.795
21	-128.47	128.47	36.795	-62.489
22	-121.30	121.30	62.489	-86.748
23	-114.06	114.06	86.748	-109.56
24	-106.73	106.73	109.56	-130.90
25	-99.276	99.276	130.90	-150.76
26	-91.669	91.669	150.76	-169.09
27	-87.391	87.391	169.09	-186.57
28	-82.935	82.935	186.57	-203.16
29	-78.231	78.231	203.16	-218.80
30	-73.200	73.200	218.80	-233.44
31	-67.758	67.758	233.44	-247.00
32	-61.814	61.814	247.00	-259.36
33	-55.271	55.271	259.36	-270.41
34	-48.027	48.027	270.41	-280.02
35	-39.977	39.977	280.02	-288.01
36	-31.011	31.011	288.01	-294.22
37	-21.014	21.014	294.22	-298.42
38	-9.8699	9.8699	298.42	-300.39
39	2.5385	-2.5385	300.39	-299.89
40	16.330	-16.330	299.89	-296.62
41	31.624	-31.624	296.62	-290.29
42	48.538	-48.538	290.29	-280.59
43	67.113	-67.113	280.59	-267.16
44	87.706	-87.706	267.16	-249.62
45	110.58	-110.58	249.62	-227.51
46	135.71	-135.71	227.51	-200.37
47	163.17	-163.17	200.37	-167.73
48	192.78	-192.78	167.73	-129.17
49	199.39	-199.39	129.17	-89.298
50	202.29	-202.29	89.298	-48.839
51	201.55	-201.55	48.839	-8.5307
52	191.42	-191.42	8.5307	29.754
53	179.90	-179.90	-29.754	65.733
54	167.30	-167.30	-65.733	99.194
55	154.17	-154.17	-99.194	130.03
56	140.42	-140.42	-130.03	158.11
57	126.00	-126.00	-158.11	183.31
58	110.81	-110.81	-183.31	205.47
59	94.747	-94.747	-205.47	224.42
60	77.716	-77.716	-224.42	239.96
61	59.595	-59.595	-239.96	251.88
62	40.260	-40.260	-251.88	259.94
63	19.582	-19.582	-259.94	263.85
64	-2.1981	2.1981	-263.85	263.41
65	-20.460	20.460	-263.41	259.32
66	-35.572	35.572	-259.32	252.21
67	-47.864	47.864	-252.21	242.63
68	-57.636	57.636	-242.63	231.11

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69	-65.160	65.160	-231.11	218.07
70	-70.683	70.683	-218.07	203.94
71	-74.430	74.430	-203.94	189.05
72	-76.317	76.317	-189.05	173.79
73	-77.017	77.017	-173.79	158.38
74	-76.677	76.677	-158.38	143.05
75	-75.427	75.427	-143.05	127.96
76	-73.388	73.388	-127.96	113.29
77	-70.666	70.666	-113.29	99.153
78	-67.357	67.357	-99.153	85.681
79	-63.548	63.548	-85.681	72.971
80	-59.316	59.316	-72.971	61.108
81	-54.729	54.729	-61.108	50.162
82	-49.847	49.847	-50.162	40.193
83	-44.721	44.721	-40.193	31.249
84	-39.399	39.399	-31.249	23.369
85	-33.919	33.919	-23.369	16.585
86	-28.317	28.317	-16.585	10.922
87	-22.622	22.622	-10.922	6.3976
88	-16.859	16.859	-6.3976	3.0258
89	-11.050	11.050	-3.0258	0.81571
90	-4.0785	4.0785	-0.81571	8.43520E-13

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New Project

S T R E S S R E S U L T S F O R G R O U P N O . 4

Tieback\_652

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
C U R R E N T T I M E I S 5.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	259.34	-1.15283E-03	1.11417E-03	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	4
4	CONVERGENCE :YES	3
5	CONVERGENCE :YES	3

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.45 [sec]

DATABASE CREATION CPU TIME..... 0.19 [sec]



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## Design Assumption : SLE (Rara/Frequente/Quasi Permanente) - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:15:44

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

STARTING

```

ACCEPTED &lt;FILE,GENW &gt;
ACCEPTED &lt;FILE,PLOTTER,BINARY &gt;
ACCEPTED &lt;SOLVE TOTAL_STRESS &gt;
ACCEPTED &lt;PARAM ITEMAX 40 &gt;
ACCEPTED &lt;CONTROL HINGES 0 0.0001 0.001 &gt;

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) ..... 91  
NO. OF COORDINATES (NCOORD)..... 2  
NO. OF NODE DOFS (NDOF)..... 2  
NO. OF EQUATIONS (NEQ)..... 182  
NO. OF CONSTRAINTS CARDS (NVINC)..... 0  
NO. OF ELEMENT GROUPS (NEG)..... 4  
NO. OF SOLUTION STEPS (NSTE)..... 5  
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ... 0  
NO. OF RECORD FROM WALGEN ..... 502  
NO. OF LONG NAMES (LASTNAME) ..... 24  
LENGTH UNIT CHOICE ..... 3 ( M )  
FORCE UNIT CHOICE ..... 3 ( KN )  
MAX PORE PRESSURE TABLE LENGTH..... 1  
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF . 0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES kPa  
Y-DISPLACEMENTS m  
ROTATIONS RADIANS  
BEAM AND SLAB MOMENTS kN\*m/m  
BEAM SHEAR FORCES kN/m  
ANCHOR FORCES kN/m  
AXIAL FORCES IN TRUSSES kN/m  
AXIAL FORCES SPRINGS kN/m  
Y-REACTIONS kN/m  
X-MOMENT REACTIONS kN\*m/m  
ETC.

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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 502

```
1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -18 0 1
7 : SOIL 0_L LeftWall_32 -18 0 1 0
8 : SOIL 0_R LeftWall_32 -18 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosa2_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : LDATA sabbialimosoghiaiosa3_236_221_L_0 -10 LeftWall_32
31 : ATREST 0.76 2 1
32 : WEIGHT 21.4 12.2 10
33 : PERMEABILITY 1E-05
34 : RESISTANCE 30 36 0 0 0
35 : YOUNG 1E+05 2.5E+05
36 : ENDL
37 : LDATA Limosabbiosol_237_225_L_0 -14 LeftWall_32
38 : ATREST 0.75 2 1
39 : WEIGHT 19.2 10.3 10
40 : PERMEABILITY 1E-05
41 : RESISTANCE 30 36 0 0 0
42 : YOUNG 1E+05 2.5E+05
43 : ENDL
44 : MATERIAL Fe360_108 2.06E+08
45 : MATERIAL C2530_104 3.148E+07
46 : MATERIAL acciaioarmonico_124 2.001E+08
47 : MATERIAL C2025_103 2.996E+07
48 : BEAM WallElement_33 LeftWall_32 -18 0 C2530_104 0.6225 00 00 0
49 : WIRE Tieback_652 LeftWall_32 -3 acciaioarmonico_124 2.059E-05 250 15 0 0
50 : STRIP LeftWall_32 1 5 1.5 28.5 0 20 45
51 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
52 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
53 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
54 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
55 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
56 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
57 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
58 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
59 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
60 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
61 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
62 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
63 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
64 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
65 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
66 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
```

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78 : STRIP LeftWall\_32 1 1 10.8 0.4 0 50.4 45  
79 : STRIP LeftWall\_32 1 1 11.2 0.4 0 50.4 45  
80 : STRIP LeftWall\_32 1 1 11.6 0.4 0 50.4 45  
81 : STRIP LeftWall\_32 1 1 12 0.4 0 50.4 45  
82 : STRIP LeftWall\_32 1 1 12.4 0.4 0 50.4 45  
83 : STRIP LeftWall\_32 1 1 12.8 0.4 0 50.4 45  
84 : STRIP LeftWall\_32 1 1 13.2 0.4 0 50.4 45  
85 : STRIP LeftWall\_32 1 1 13.6 0.4 0 50.4 45  
86 : STRIP LeftWall\_32 1 1 14 0.4 0 50.4 45  
87 : STRIP LeftWall\_32 1 1 14.4 0.4 0 50.4 45  
88 : STRIP LeftWall\_32 1 1 14.8 0.4 0 50.4 45  
89 : STRIP LeftWall\_32 1 1 15.2 0.4 0 50.4 45  
90 : STRIP LeftWall\_32 1 1 15.6 0.4 0 50.4 45  
91 : STRIP LeftWall\_32 1 1 16 0.4 0 50.4 45  
92 : STRIP LeftWall\_32 1 1 16.4 0.4 0 50.4 45  
93 : STRIP LeftWall\_32 1 1 16.8 0.4 0 50.4 45  
94 : STRIP LeftWall\_32 1 1 17.2 0.4 0 50.4 45  
95 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
96 : STRIP LeftWall\_32 1 1 18 0.4 0 50.4 45  
97 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
98 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
99 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
100 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
101 : STRIP LeftWall\_32 1 1 20 0.4 0 50.4 45  
102 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
103 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
104 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
105 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
106 : STRIP LeftWall\_32 1 1 22 0.4 0 50.4 45  
107 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
108 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
109 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
110 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
111 : STRIP LeftWall\_32 1 1 24 0.4 0 50.4 45  
112 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
113 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
114 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
115 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
116 : STRIP LeftWall\_32 1 1 26 0.4 0 50.4 45  
117 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
118 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
119 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
120 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
121 : STRIP LeftWall\_32 1 1 28 0.4 0 50.4 45  
122 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
123 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
124 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
125 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
126 : STRIP LeftWall\_32 2 2 0 0.4 0 1.68 45  
127 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
128 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
129 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
130 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
131 : STRIP LeftWall\_32 2 2 2 0.4 0 18.48 45  
132 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
133 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
134 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
135 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
136 : STRIP LeftWall\_32 2 2 4 0.4 0 35.28 45  
137 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
138 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
139 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
140 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
141 : STRIP LeftWall\_32 2 2 6 0.4 0 50.4 45  
142 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
143 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
144 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
145 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
146 : STRIP LeftWall\_32 2 2 8 0.4 0 50.4 45  
147 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
148 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
149 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
150 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
151 : STRIP LeftWall\_32 2 2 10 0.4 0 50.4 45  
152 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
153 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
154 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
155 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
156 : STRIP LeftWall\_32 2 2 12 0.4 0 50.4 45  
157 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
158 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
159 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
160 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
161 : STRIP LeftWall\_32 2 2 14 0.4 0 50.4 45  
162 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
163 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
164 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
165 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
166 : STRIP LeftWall\_32 2 2 16 0.4 0 50.4 45  
167 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 18 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 20 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45  
 185 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 186 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 187 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 188 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 189 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 190 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 191 : STRIP LeftWall\_32 2 2 26 0.4 0 50.4 45  
 192 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 193 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 194 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 195 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 196 : STRIP LeftWall\_32 2 2 28 0.4 0 50.4 45  
 197 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 198 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 199 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 200 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 201 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 202 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 203 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 204 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 205 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 206 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 207 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 208 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 209 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 210 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 211 : STRIP LeftWall\_32 3 3 4 0.4 0 35.28 45  
 212 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 213 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 214 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 215 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 216 : STRIP LeftWall\_32 3 3 6 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 8 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 10 0.4 0 50.4 45  
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 228 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 12 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
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 235 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
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 237 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
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 243 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
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 255 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 22 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 259 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 260 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 261 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45  
 262 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 263 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 264 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 265 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 266 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45  
 267 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45  
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 270 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
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 273 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 274 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45  
 275 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 276 : STRIP LeftWall\_32 4 4 0 0.4 0 1.68 45  
 277 : STRIP LeftWall\_32 4 4 0.4 0.4 0 5.04 45  
 278 : STRIP LeftWall\_32 4 4 0.8 0.4 0 8.4 45  
 279 : STRIP LeftWall\_32 4 4 1.2 0.4 0 11.76 45  
 280 : STRIP LeftWall\_32 4 4 1.6 0.4 0 15.12 45  
 281 : STRIP LeftWall\_32 4 4 2 0.4 0 18.48 45  
 282 : STRIP LeftWall\_32 4 4 2.4 0.4 0 21.84 45  
 283 : STRIP LeftWall\_32 4 4 2.8 0.4 0 25.2 45  
 284 : STRIP LeftWall\_32 4 4 3.2 0.4 0 28.56 45  
 285 : STRIP LeftWall\_32 4 4 3.6 0.4 0 31.92 45  
 286 : STRIP LeftWall\_32 4 4 4 0.4 0 35.28 45  
 287 : STRIP LeftWall\_32 4 4 4.4 0.4 0 38.64 45  
 288 : STRIP LeftWall\_32 4 4 4.8 0.4 0 42 45  
 289 : STRIP LeftWall\_32 4 4 5.2 0.4 0 45.36 45  
 290 : STRIP LeftWall\_32 4 4 5.6 0.4 0 48.72 45  
 291 : STRIP LeftWall\_32 4 4 6 0.4 0 50.4 45  
 292 : STRIP LeftWall\_32 4 4 6.4 0.4 0 50.4 45  
 293 : STRIP LeftWall\_32 4 4 6.8 0.4 0 50.4 45  
 294 : STRIP LeftWall\_32 4 4 7.2 0.4 0 50.4 45  
 295 : STRIP LeftWall\_32 4 4 7.6 0.4 0 50.4 45  
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 297 : STRIP LeftWall\_32 4 4 8.4 0.4 0 50.4 45  
 298 : STRIP LeftWall\_32 4 4 8.8 0.4 0 50.4 45  
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 300 : STRIP LeftWall\_32 4 4 9.6 0.4 0 50.4 45  
 301 : STRIP LeftWall\_32 4 4 10 0.4 0 50.4 45  
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 303 : STRIP LeftWall\_32 4 4 10.8 0.4 0 50.4 45  
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 305 : STRIP LeftWall\_32 4 4 11.6 0.4 0 50.4 45  
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 316 : STRIP LeftWall\_32 4 4 16 0.4 0 50.4 45  
 317 : STRIP LeftWall\_32 4 4 16.4 0.4 0 50.4 45  
 318 : STRIP LeftWall\_32 4 4 16.8 0.4 0 50.4 45  
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 321 : STRIP LeftWall\_32 4 4 18 0.4 0 50.4 45  
 322 : STRIP LeftWall\_32 4 4 18.4 0.4 0 50.4 45  
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 327 : STRIP LeftWall\_32 4 4 20.4 0.4 0 50.4 45  
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 330 : STRIP LeftWall\_32 4 4 21.6 0.4 0 50.4 45  
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 332 : STRIP LeftWall\_32 4 4 22.4 0.4 0 50.4 45  
 333 : STRIP LeftWall\_32 4 4 22.8 0.4 0 50.4 45  
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 335 : STRIP LeftWall\_32 4 4 23.6 0.4 0 50.4 45  
 336 : STRIP LeftWall\_32 4 4 24 0.4 0 50.4 45  
 337 : STRIP LeftWall\_32 4 4 24.4 0.4 0 50.4 45  
 338 : STRIP LeftWall\_32 4 4 24.8 0.4 0 50.4 45  
 339 : STRIP LeftWall\_32 4 4 25.2 0.4 0 50.4 45  
 340 : STRIP LeftWall\_32 4 4 25.6 0.4 0 50.4 45  
 341 : STRIP LeftWall\_32 4 4 26 0.4 0 50.4 45  
 342 : STRIP LeftWall\_32 4 4 26.4 0.4 0 50.4 45  
 343 : STRIP LeftWall\_32 4 4 26.8 0.4 0 50.4 45  
 344 : STRIP LeftWall\_32 4 4 27.2 0.4 0 50.4 45  
 345 : STRIP LeftWall\_32 4 4 27.6 0.4 0 50.4 45  
 346 : STRIP LeftWall\_32 4 4 28 0.4 0 50.4 45  
 347 : STRIP LeftWall\_32 4 4 28.4 0.4 0 50.4 45

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348 : STRIP LeftWall\_32 4 4 28.8 0.4 0 50.4 45  
 349 : STRIP LeftWall\_32 4 4 29.2 0.4 0 50.4 45  
 350 : STRIP LeftWall\_32 4 4 29.6 0.4 0 50.4 45  
 351 : STRIP LeftWall\_32 5 5 0 0.4 0 1.68 45  
 352 : STRIP LeftWall\_32 5 5 0.4 0.4 0 5.04 45  
 353 : STRIP LeftWall\_32 5 5 0.8 0.4 0 8.4 45  
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 355 : STRIP LeftWall\_32 5 5 1.6 0.4 0 15.12 45  
 356 : STRIP LeftWall\_32 5 5 2 0.4 0 18.48 45  
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 366 : STRIP LeftWall\_32 5 5 6 0.4 0 50.4 45  
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 368 : STRIP LeftWall\_32 5 5 6.8 0.4 0 50.4 45  
 369 : STRIP LeftWall\_32 5 5 7.2 0.4 0 50.4 45  
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 424 : STRIP LeftWall\_32 5 5 29.2 0.4 0 50.4 45  
 425 : STRIP LeftWall\_32 5 5 29.6 0.4 0 50.4 45  
 426 : STEP Stage1\_31  
 427 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 428 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 429 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 430 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 431 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 432 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 433 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 434 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 435 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 436 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 437 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32

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438 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
 439 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
 440 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
 441 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
 442 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
 443 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
 444 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
 445 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-FRICT=36 LeftWall\_32  
 446 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-FRICT=36 LeftWall\_32  
 447 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KA=0.215 LeftWall\_32  
 448 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KP=6.978 LeftWall\_32  
 449 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KA=0.215 LeftWall\_32  
 450 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KP=6.978 LeftWall\_32  
 451 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-FRICT=36 LeftWall\_32  
 452 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-FRICT=36 LeftWall\_32  
 453 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KA=0.215 LeftWall\_32  
 454 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KP=6.978 LeftWall\_32  
 455 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KA=0.215 LeftWall\_32  
 456 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KP=6.978 LeftWall\_32  
 457 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
 458 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 459 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
 460 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 461 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
 462 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 463 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
 464 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 465 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
 466 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 467 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
 468 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 469 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
 470 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
 471 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
 472 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
 473 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-COHE=30 LeftWall\_32  
 474 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-ADHES=0 LeftWall\_32  
 475 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-COHE=30 LeftWall\_32  
 476 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-ADHES=0 LeftWall\_32  
 477 : SETWALL LeftWall\_32  
 478 : GEOM 0 0  
 479 : WATER -0.5 0 -18 0 0  
 480 : ADD WallElement\_33  
 481 : ENDSTEP  
 482 : STEP Stage2\_240  
 483 : SETWALL LeftWall\_32  
 484 : GEOM 0 -3.5  
 485 : WATER -2.5 1.5 -18 0 0  
 486 : ENDSTEP  
 487 : STEP Stage3\_343  
 488 : SETWALL LeftWall\_32  
 489 : GEOM 0 -3.5  
 490 : WATER -2.5 1.5 -18 0 0  
 491 : ADD Tieback\_652  
 492 : ENDSTEP  
 493 : STEP Stage4\_446  
 494 : SETWALL LeftWall\_32  
 495 : GEOM 0 -9.5  
 496 : WATER -8.5 1.5 -18 0 0  
 497 : ENDSTEP  
 498 : STEP Stage5\_549  
 499 : SETWALL LeftWall\_32  
 500 : GEOM 0 -9.5  
 501 : WATER -8.5 1.5 -18 0 0  
 502 : ENDSTEP



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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:15:44

N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /				
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.0000	/	52	0.0000	-10.2000	/
53	0.0000	-10.400	/	54	0.0000	-10.600	/	55	0.0000	-10.800	/	56	0.0000	-11.000	/
57	0.0000	-11.200	/	58	0.0000	-11.400	/	59	0.0000	-11.600	/	60	0.0000	-11.800	/
61	0.0000	-12.000	/	62	0.0000	-12.200	/	63	0.0000	-12.400	/	64	0.0000	-12.600	/
65	0.0000	-12.800	/	66	0.0000	-13.000	/	67	0.0000	-13.200	/	68	0.0000	-13.400	/
69	0.0000	-13.600	/	70	0.0000	-13.800	/	71	0.0000	-14.000	/	72	0.0000	-14.200	/
73	0.0000	-14.400	/	74	0.0000	-14.600	/	75	0.0000	-14.800	/	76	0.0000	-15.000	/
77	0.0000	-15.200	/	78	0.0000	-15.400	/	79	0.0000	-15.600	/	80	0.0000	-15.800	/
81	0.0000	-16.000	/	82	0.0000	-16.200	/	83	0.0000	-16.400	/	84	0.0000	-16.600	/
85	0.0000	-16.800	/	86	0.0000	-17.000	/	87	0.0000	-17.200	/	88	0.0000	-17.400	/
89	0.0000	-17.600	/	90	0.0000	-17.800	/	91	0.0000	-18.000	/				

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ELEMENT GROUP NO. 1

0\_L  
5 91 0 1 0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status

- 1 active
- 2 active
- 3 active
- 4 active
- 5 active

material set no. 1

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 3.00000

material set no. 4

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 4.00000

material set no. 5

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 5.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000

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29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.2000	0.000	0.000	0.000	1.000
72	72	5	0.2000	0.000	0.000	0.000	1.000
73	73	5	0.2000	0.000	0.000	0.000	1.000
74	74	5	0.2000	0.000	0.000	0.000	1.000
75	75	5	0.2000	0.000	0.000	0.000	1.000
76	76	5	0.2000	0.000	0.000	0.000	1.000
77	77	5	0.2000	0.000	0.000	0.000	1.000
78	78	5	0.2000	0.000	0.000	0.000	1.000
79	79	5	0.2000	0.000	0.000	0.000	1.000
80	80	5	0.2000	0.000	0.000	0.000	1.000
81	81	5	0.2000	0.000	0.000	0.000	1.000
82	82	5	0.2000	0.000	0.000	0.000	1.000
83	83	5	0.2000	0.000	0.000	0.000	1.000
84	84	5	0.2000	0.000	0.000	0.000	1.000
85	85	5	0.2000	0.000	0.000	0.000	1.000
86	86	5	0.2000	0.000	0.000	0.000	1.000
87	87	5	0.2000	0.000	0.000	0.000	1.000
88	88	5	0.2000	0.000	0.000	0.000	1.000
89	89	5	0.2000	0.000	0.000	0.000	1.000
90	90	5	0.2000	0.000	0.000	0.000	1.000
91	91	5	0.1000	0.000	0.000	0.000	1.000



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                Exe Time : 8 June 2018  11:15:44
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```

```

ELEMENT GROUP NO.  2

0_R
  5 91 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0
    
```

```

.....2D PLASTIC SOIL .....
.....

element group behaviour throughout stage analysis
    
```

```

stage  status
-----
  1  active
  2  active
  3  active
  4  active
  5  active
    
```

```

material set no.  1

prop( 1) angle      180.000
prop( 2) layer as foreseen  1.00000
    
```

```

material set no.  2

prop( 1) angle      180.000
prop( 2) layer as foreseen  2.00000
    
```

```

material set no.  3

prop( 1) angle      180.000
prop( 2) layer as foreseen  3.00000
    
```

```

material set no.  4

prop( 1) angle      180.000
prop( 2) layer as foreseen  4.00000
    
```

```

material set no.  5

prop( 1) angle      180.000
prop( 2) layer as foreseen  5.00000
    
```

```

element data
-----
  el  n  mat  area  ....  ....  ....  flag
-----
  1  1  1  0.1000  0.000  0.000  0.000  2.000
  2  2  1  0.2000  0.000  0.000  0.000  2.000
  3  3  1  0.2000  0.000  0.000  0.000  2.000
  4  4  1  0.2000  0.000  0.000  0.000  2.000
  5  5  1  0.2000  0.000  0.000  0.000  2.000
  6  6  1  0.2000  0.000  0.000  0.000  2.000
  7  7  1  0.2000  0.000  0.000  0.000  2.000
  8  8  1  0.2000  0.000  0.000  0.000  2.000
  9  9  2  0.2000  0.000  0.000  0.000  2.000
 10 10  2  0.2000  0.000  0.000  0.000  2.000
 11 11  2  0.2000  0.000  0.000  0.000  2.000
 12 12  2  0.2000  0.000  0.000  0.000  2.000
 13 13  2  0.2000  0.000  0.000  0.000  2.000
 14 14  2  0.2000  0.000  0.000  0.000  2.000
 15 15  2  0.2000  0.000  0.000  0.000  2.000
 16 16  2  0.2000  0.000  0.000  0.000  2.000
 17 17  2  0.2000  0.000  0.000  0.000  2.000
 18 18  2  0.2000  0.000  0.000  0.000  2.000
 19 19  2  0.2000  0.000  0.000  0.000  2.000
 20 20  2  0.2000  0.000  0.000  0.000  2.000
 21 21  2  0.2000  0.000  0.000  0.000  2.000
 22 22  2  0.2000  0.000  0.000  0.000  2.000
 23 23  2  0.2000  0.000  0.000  0.000  2.000
 24 24  2  0.2000  0.000  0.000  0.000  2.000
 25 25  2  0.2000  0.000  0.000  0.000  2.000
 26 26  2  0.2000  0.000  0.000  0.000  2.000
 27 27  3  0.2000  0.000  0.000  0.000  2.000
 28 28  3  0.2000  0.000  0.000  0.000  2.000
    
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31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.2000	0.000	0.000	0.000	2.000
72	72	5	0.2000	0.000	0.000	0.000	2.000
73	73	5	0.2000	0.000	0.000	0.000	2.000
74	74	5	0.2000	0.000	0.000	0.000	2.000
75	75	5	0.2000	0.000	0.000	0.000	2.000
76	76	5	0.2000	0.000	0.000	0.000	2.000
77	77	5	0.2000	0.000	0.000	0.000	2.000
78	78	5	0.2000	0.000	0.000	0.000	2.000
79	79	5	0.2000	0.000	0.000	0.000	2.000
80	80	5	0.2000	0.000	0.000	0.000	2.000
81	81	5	0.2000	0.000	0.000	0.000	2.000
82	82	5	0.2000	0.000	0.000	0.000	2.000
83	83	5	0.2000	0.000	0.000	0.000	2.000
84	84	5	0.2000	0.000	0.000	0.000	2.000
85	85	5	0.2000	0.000	0.000	0.000	2.000
86	86	5	0.2000	0.000	0.000	0.000	2.000
87	87	5	0.2000	0.000	0.000	0.000	2.000
88	88	5	0.2000	0.000	0.000	0.000	2.000
89	89	5	0.2000	0.000	0.000	0.000	2.000
90	90	5	0.2000	0.000	0.000	0.000	2.000
91	91	5	0.1000	0.000	0.000	0.000	2.000



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                Exe Time : 8 June 2018      11:15:44
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ELEMENT GROUP NO. 3

WallElement\_33 :  
2 90 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

```

stage  status
-----
 1  active
 2  active
 3  active
 4  active
 5  active
    
```

material set no. 1

```

prop( 1) young modulus      0.314800E+08
prop( 2) modification time  0.00000
prop( 3) new young modulus  0.00000
prop( 4) poisson ratio      0.00000
prop( 5) future .....0.294300E-43
    
```

no. of step variable items: 1  
step inertia multiplier

```

-----
 1  1.000
 2  1.000
 3  1.000
 4  1.000
 5  1.000
    
```

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000

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42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000
46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000
71	71	72	1	0.000	0.000	0.6225	0.000	0.000
72	72	73	1	0.000	0.000	0.6225	0.000	0.000
73	73	74	1	0.000	0.000	0.6225	0.000	0.000
74	74	75	1	0.000	0.000	0.6225	0.000	0.000
75	75	76	1	0.000	0.000	0.6225	0.000	0.000
76	76	77	1	0.000	0.000	0.6225	0.000	0.000
77	77	78	1	0.000	0.000	0.6225	0.000	0.000
78	78	79	1	0.000	0.000	0.6225	0.000	0.000
79	79	80	1	0.000	0.000	0.6225	0.000	0.000
80	80	81	1	0.000	0.000	0.6225	0.000	0.000
81	81	82	1	0.000	0.000	0.6225	0.000	0.000
82	82	83	1	0.000	0.000	0.6225	0.000	0.000
83	83	84	1	0.000	0.000	0.6225	0.000	0.000
84	84	85	1	0.000	0.000	0.6225	0.000	0.000
85	85	86	1	0.000	0.000	0.6225	0.000	0.000
86	86	87	1	0.000	0.000	0.6225	0.000	0.000
87	87	88	1	0.000	0.000	0.6225	0.000	0.000
88	88	89	1	0.000	0.000	0.6225	0.000	0.000
89	89	90	1	0.000	0.000	0.6225	0.000	0.000
90	90	91	1	0.000	0.000	0.6225	0.000	0.000

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ELEMENT GROUP NO. 4

Tieback\_652

6 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0

.....2D POST-TENSION ANCHOR.....

element group behaviour throughout stage analysis

stage status

1 inactive  
2 inactive  
3 active  
4 active  
5 active

material set no. 1

prop( 1) angle 15.0000  
prop( 2) young modulus 0.200100E+09  
prop( 3) modification time 0.00000  
prop( 4) new young modulus 0.00000

no. of step variable items: 2

step	-ve lim	+ve lim
1	0.000	0.000
2	0.000	0.000
3	0.000	0.000
4	0.000	0.000
5	0.000	0.000

element data

el	n	mat	a/l	pinit	yieldc	yieldt
1	16	1	0.2059E-04	250.0	0.000	0.000



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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 10  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
3.80000	0.0000E+00
4.00000	0.1000E+01
4.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
4.80000	0.0000E+00
5.00000	0.1000E+01
5.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
6.00000	0.1000E+01

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LOAD FUNCTION NUMBER = 7  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 8  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 9  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000	0.0000E+00
3.80000	0.0000E+00
4.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 10  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000	0.0000E+00
4.80000	0.0000E+00
5.00000	0.1000E+01
6.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS      0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	4	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	4	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	5	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	5	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 5  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 15.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 16.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 2



GENERAL CONTRACTOR

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ALTA SORVEGLIANZA



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ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	17.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.21500	WALL NO.	1
ITEM NO.	11	U-KP	6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.21500	WALL NO.	1
ITEM NO.	61	D-KP	6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 3

ITEM NO.	1	NAME	18.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-14.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	19.200	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	10.300	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.21500	WALL NO.	1
ITEM NO.	11	U-KP	6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	0.75000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.21500	WALL NO.	1
ITEM NO.	61	D-KP	6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 4

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 4

ITEM NO.	1	NAME	14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	8.3000	(BOTH WALLS)	

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ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)

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ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 5

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)

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Foglio  
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ITEM NO. 59<math>\text{D-FRICT}> = 36.000 \quad (\text{BOTH WALLS})  
ITEM NO. 60<math>\text{D-KA}> = 0.21500 \quad \text{WALL NO.} \quad 1  
ITEM NO. 61<math>\text{D-KP}> = 6.9780 \quad \text{WALL NO.} \quad 1  
ITEM NO. 77<math>\text{D-PERM}> = 0.10000\text{E-}04 \quad (\text{BOTH WALLS})

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 25 VALUES



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:15:44

PHASE DESCRIPTORS

STEP NO. 1

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	0.000	0.000
Z-WATER_TABLE	-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 1

STEP NO. 2

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.500	0.000
Z-WATER_TABLE	-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.500	0.000
Z-WATER_TABLE	-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

STEP NO.	LEFT WALL	RIGHT WALL
4		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 4

STEP NO.	LEFT WALL	RIGHT WALL
5		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000



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PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 5

LEFT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

RIGHT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:15:44

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 376

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 227  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 228  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 229  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 230  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.76000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 231  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.12000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 232  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.48000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 233  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.84000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 234  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.20000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 235  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.56000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 236  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 237  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 238  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 239  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 240  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 241  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 242  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 243  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 244  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 245  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 246  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 247  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 248  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 249  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 250  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 251  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 252  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 253  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 254  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 255  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 256  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 257  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 258  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 259  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.800000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 260  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.200000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 261  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.600000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 262  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 263  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 264  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 265  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 266  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 267  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 268  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 269  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 270  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 271  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 272  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 273  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 274  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 275  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 276  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 277  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 278  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 279  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 280  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 281  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 282  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 283  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 284  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 285  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 286  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 287  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 288  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 289  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 290  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 291  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 292  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 293  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 294  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 295  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 296  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 297  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 298  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 299  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 300  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 301  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 302  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 303  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 304  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 305  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 306  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 307  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 308  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 309  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 310  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 311  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 312  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 313  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 314  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 315  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 316  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 317  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 318  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 319  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 320  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 321  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 322  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 323  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 324  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 325  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 326  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 327  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 328  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 329  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 330  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 331  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 333  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 334  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 335  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 336  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 337  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 338  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 339  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 340  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 341  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 342  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 343  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 344  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 345  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 346  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 347  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 348  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 349  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 350  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 351  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 352  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 353  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 354  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 355  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 356  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 357  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 358  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 359  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 360  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 361  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 362  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 363  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 364  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 365  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 366  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 367  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 368  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 369  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 370  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 371  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 372  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 373  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 374  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 375  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 376  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 10660

NO. OF D.P.W FOR THIS AREA 10795  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

```

ITER 0 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.3112E+06 RIMNOR= 0.000
      RENORM=0.1338E-26 REMNOR= 0.000      RATIO =0.6558E-16 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 68.29      RMMAX = 0.000
      RTSMAL=0.1000E-03 RMSMAL= 0.000
      RDT =0.3112E+06 RDR = 0.000
      RATIO=0.6558E-16 RATIO= 0.000
      MAX UN=0.1421E-13 IEQ= 165 NODE      83 DOF 1 Y-DISPL.F
      MIN UN=-.1421E-13 IEQ= 153 NODE      77 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0

```

```

ITER 1 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.3112E+06 RIMNOR= 0.000
      RENORM=0.2007E-28 REMNOR=0.1303E-52 RATIO =0.8030E-17 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 68.29      RMMAX = 0.000
      RTSMAL=0.1000E-03 RMSMAL= 0.000
      RDT =0.3112E+06 RDR = 0.000
      RATIO=0.8030E-17 RATIO= 0.000
      MAX UN=0.8052E-15 IEQ= 165 NODE      83 DOF 1 Y-DISPL.F
      MIN UN=-.5510E-16 IEQ= 3 NODE      2 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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ITER 2 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.3112E+06 RIMNOR= 0.000
      RENORM=0.1895E-28 REMNOR=0.4102E-52 RATIO =0.7803E-17 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 68.29      RMMAX = 0.000
      RTSMAL=0.1000E-03 RMSMAL= 0.000
      RDT =0.3112E+06 RDR = 0.000
      RATIO=0.7803E-17 RATIO= 0.000
      MAX UN=0.8097E-15 IEQ= 179 NODE      90 DOF 1 Y-DISPL.F
      MIN UN=-.3534E-16 IEQ= 3 NODE      2 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:15:44

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS











## GENERAL CONTRACTOR



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33 D	28.13	4.4262E-20	75.08 81.63 75.08	81.63	V-C 3.1161E+04 -6.400 59.00 1.000 1.000
140.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	28.86	4.4002E-20	77.52 83.30 77.52	83.30	V-C 3.1161E+04 -6.600 61.00 1.000 1.000
144.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	29.59	4.3606E-20	79.96 84.97 79.96	84.97	V-C 3.1161E+04 -6.800 63.00 1.000 1.000
148.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	30.33	4.3090E-20	82.40 86.63 82.40	86.63	V-C 3.1161E+04 -7.000 65.00 1.000 1.000
151.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	31.06	4.2462E-20	84.84 88.28 84.84	88.28	V-C 3.1161E+04 -7.200 67.00 1.000 1.000
155.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	31.79	4.1727E-20	87.28 89.93 87.28	89.93	V-C 3.1161E+04 -7.400 69.00 1.000 1.000
158.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	32.52	4.0886E-20	89.72 91.58 89.72	91.58	V-C 3.1161E+04 -7.600 71.00 1.000 1.000
162.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	33.25	3.9920E-20	92.16 93.23 92.16	93.23	V-C 3.1161E+04 -7.800 73.00 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	33.97	3.8760E-20	94.60 94.87 94.60	94.87	V-C 3.1161E+04 -8.000 75.00 1.000 1.000
169.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	34.70	3.7377E-20	97.04 96.51 97.04	96.51	V-C 3.1161E+04 -8.200 77.00 1.000 1.000
173.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	35.43	3.5770E-20	99.48 98.15 99.48	98.15	V-C 3.1161E+04 -8.400 79.00 1.000 1.000
177.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	36.16	3.3992E-20	101.9 99.79 101.9	99.79	V-C 3.1161E+04 -8.600 81.00 1.000 1.000
180.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	36.89	3.2106E-20	104.4 101.4 104.4	101.4	V-C 3.1161E+04 -8.800 83.00 1.000 1.000
184.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	37.61	3.0174E-20	106.8 103.1 106.8	103.1	V-C 3.1161E+04 -9.000 85.00 1.000 1.000
188.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	38.34	2.8251E-20	109.2 104.7 109.2	104.7	V-C 3.1161E+04 -9.200 87.00 1.000 1.000
191.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	39.07	2.6391E-20	111.7 106.3 111.7	106.3	V-C 3.1161E+04 -9.400 89.00 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	39.79	2.4657E-20	114.1 108.0 114.1	108.0	V-C 3.1161E+04 -9.600 91.00 1.000 1.000
199.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	40.52	2.3169E-20	116.6 109.6 116.6	109.6	V-C 3.1161E+04 -9.800 93.00 1.000 1.000
202.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	41.25	2.2045E-20	119.0 111.2 119.0	111.2	V-C 3.1161E+04 -10.000 95.00 1.000 1.000
206.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	41.98	2.1338E-20	121.4 112.9 121.4	112.9	V-C 4.2460E+04 -10.200 97.00 1.000 1.000
209.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	42.70	2.1097E-20	123.9 114.5 123.9	114.5	V-C 4.2460E+04 -10.400 99.00 1.000 1.000
213.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	43.43	2.1412E-20	126.3 116.2 126.3	116.2	V-C 4.2460E+04 -10.600 101.00 1.000 1.000
217.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	44.16	2.2310E-20	128.8 117.8 128.8	117.8	V-C 4.2460E+04 -10.800 103.00 1.000 1.000
220.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	44.89	2.3737E-20	131.2 119.4 131.2	119.4	V-C 4.2460E+04 -11.000 105.00 1.000 1.000
224.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	45.61	2.5619E-20	133.6 121.1 133.6	121.1	V-C 4.2460E+04 -11.200 107.00 1.000 1.000
228.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	46.34	2.7878E-20	136.1 122.7 136.1	122.7	V-C 4.2460E+04 -11.400 109.00 1.000 1.000
231.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	47.07	3.0432E-20	138.5 124.4 138.5	124.4	V-C 4.2460E+04 -11.600 111.00 1.000 1.000
235.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	47.80	3.3191E-20	141.0 126.0 141.0	126.0	V-C 4.2460E+04 -11.800 113.00 1.000 1.000
239.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.53	3.6062E-20	143.4 127.6 143.4	127.6	V-C 4.2460E+04 -12.000 115.00 1.000 1.000
242.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.26	3.8947E-20	145.8 129.3 145.8	129.3	V-C 4.2460E+04 -12.200 117.00 1.000 1.000
246.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	49.99	4.1740E-20	148.3 130.9 148.3	130.9	V-C 4.2460E+04 -12.400 119.00 1.000 1.000
249.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.72	4.4331E-20	150.7 132.6 150.7	132.6	V-C 4.2460E+04 -12.600 121.00 1.000 1.000
253.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.45	4.6603E-20	153.2 134.2 153.2	134.2	V-C 4.2460E+04 -12.800 123.00 1.000 1.000
257.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.18	4.8462E-20	155.6 135.9 155.6	135.9	V-C 4.2460E+04 -13.000 125.00 1.000 1.000
260.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	52.91	4.9929E-20	158.0 137.5 158.0	137.5	V-C 4.2460E+04 -13.200 127.00 1.000 1.000
264.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.64	5.1061E-20	160.5 139.2 160.5	139.2	V-C 4.2460E+04 -13.400 129.00 1.000 1.000
268.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.37	5.1968E-20	162.9 140.8 162.9	140.8	V-C 4.2460E+04 -13.600 131.00 1.000 1.000
271.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.10	5.2770E-20	165.4 142.5 165.4	142.5	V-C 4.2460E+04 -13.800 133.00 1.000 1.000
275.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	55.83	5.3561E-20	167.8 144.2 167.8	144.2	V-C 4.2460E+04 -14.000 135.00 1.000 1.000
279.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
72 D	56.17	5.4368E-20	169.9 143.8 169.9	143.8	V-C 4.2460E+04 -14.200 137.00 1.000 1.000
280.8	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.84	5.5198E-20	171.9 145.2 171.9	145.2	V-C 4.2460E+04 -14.400 139.00 1.000 1.000
284.2	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.51	5.6046E-20	174.0 146.5 174.0	146.5	V-C 4.2460E+04 -14.600 141.00 1.000 1.000
287.5	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.18	5.6901E-20	176.0 147.9 176.0	147.9	V-C 4.2460E+04 -14.800 143.00 1.000 1.000
290.9	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.85	5.7742E-20	178.1 149.3 178.1	149.3	V-C 4.2460E+04 -15.000 145.00 1.000 1.000
294.3	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.53	5.8569E-20	180.2 150.6 180.2	150.6	V-C 4.2460E+04 -15.200 147.00 1.000 1.000
297.6	0.000	0.000	Limosabbiosol_237_225_L_0		



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:15:44

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	2.06634E-17	-2.06634E-17	-4.54384E-28	4.13267E-18
2	2.78050E-16	-2.78050E-16	-4.13267E-18	5.97427E-17
3	-1.36680E-16	1.36680E-16	-5.97427E-17	3.24067E-17
4	-1.13302E-16	1.13302E-16	-3.24067E-17	9.74622E-18
5	-9.59002E-17	9.59002E-17	-9.74622E-18	9.43381E-18
6	-8.44639E-17	8.44639E-17	9.43381E-18	-2.63266E-17
7	-7.89790E-17	7.89790E-17	2.63266E-17	-4.21224E-17
8	-7.94249E-17	7.94249E-17	4.21224E-17	-5.80074E-17
9	-9.96022E-17	9.96022E-17	5.80074E-17	-7.79278E-17
10	-1.38426E-16	1.38426E-16	7.79278E-17	-1.05613E-16
11	-1.95748E-16	1.95748E-16	1.05613E-16	-1.44763E-16
12	-2.71380E-16	2.71380E-16	1.44763E-16	-1.99039E-16
13	-3.65083E-16	3.65083E-16	1.99039E-16	-2.72055E-16
14	-4.76564E-16	4.76564E-16	2.72055E-16	-3.67368E-16
15	-6.05465E-16	6.05465E-16	3.67368E-16	-4.88461E-16
16	-7.51366E-16	7.51366E-16	4.88461E-16	-6.38734E-16
17	-9.13771E-16	9.13771E-16	6.38734E-16	-8.21489E-16
18	-1.09211E-15	1.09211E-15	8.21489E-16	-1.03991E-15
19	-1.28575E-15	1.28575E-15	1.03991E-15	-1.29706E-15
20	-1.49395E-15	1.49395E-15	1.29706E-15	-1.59585E-15
21	-1.71592E-15	1.71592E-15	1.59585E-15	-1.93903E-15
22	-1.95078E-15	1.95078E-15	1.93903E-15	-2.32919E-15
23	-2.19758E-15	2.19758E-15	2.32919E-15	-2.76870E-15
24	-2.45531E-15	2.45531E-15	2.76870E-15	-3.25976E-15
25	-2.72288E-15	2.72288E-15	3.25976E-15	-3.80434E-15
26	-2.99915E-15	2.99915E-15	3.80434E-15	-4.40417E-15
27	-1.98814E-16	1.98814E-16	4.40417E-15	-4.36441E-15
28	-1.63816E-16	1.63816E-16	4.36441E-15	-4.39717E-15
29	3.01994E-15	-3.01994E-15	4.39717E-15	-3.79318E-15
30	2.64621E-15	-2.64621E-15	3.79318E-15	-3.26394E-15
31	2.26928E-15	-2.26928E-15	3.26394E-15	-2.81008E-15
32	1.89066E-15	-1.89066E-15	2.81008E-15	-2.43195E-15
33	1.51185E-15	-1.51185E-15	2.43195E-15	-2.12958E-15
34	1.13426E-15	-1.13426E-15	2.12958E-15	-1.90273E-15
35	7.59238E-16	-7.59238E-16	1.90273E-15	-1.75088E-15
36	3.88028E-16	-3.88028E-16	1.75088E-15	-1.67328E-15
37	2.17627E-17	-2.17627E-17	1.67328E-15	-1.66892E-15
38	-3.38555E-16	3.38555E-16	1.66892E-15	-1.73664E-15
39	-7.79749E-15	7.79749E-15	1.73664E-15	-3.29613E-15
40	-1.03806E-15	1.03806E-15	3.29613E-15	-3.50374E-15
41	-1.37603E-15	1.37603E-15	3.50374E-15	-3.77894E-15
42	5.39982E-15	-5.39982E-15	3.77894E-15	-2.69898E-15
43	5.07875E-15	-5.07875E-15	2.69898E-15	-1.68323E-15
44	4.76615E-15	-4.76615E-15	1.68323E-15	-7.30005E-16
45	4.46172E-15	-4.46172E-15	7.30005E-16	1.62339E-16
46	4.16497E-15	-4.16497E-15	1.62339E-16	9.95333E-16
47	3.87519E-15	-3.87519E-15	9.95333E-16	1.77037E-15
48	1.06969E-14	-1.06969E-14	1.77037E-15	3.90974E-15
49	1.04180E-14	-1.04180E-14	3.90974E-15	5.99334E-15
50	3.03738E-15	-3.03738E-15	5.99334E-15	6.60081E-15
51	2.76430E-15	-2.76430E-15	6.60081E-15	7.15366E-15
52	9.50892E-15	-9.50892E-15	7.15366E-15	9.05545E-15
53	2.04117E-15	-2.04117E-15	9.05545E-15	9.46368E-15
54	5.43041E-15	-5.43041E-15	9.46368E-15	8.37760E-15
55	5.80271E-15	-5.80271E-15	8.37760E-15	7.21706E-15
56	-6.18344E-15	6.18344E-15	7.21706E-15	5.98037E-15
57	-6.57475E-15	6.57475E-15	5.98037E-15	4.66542E-15
58	-6.97865E-15	6.97865E-15	4.66542E-15	3.26969E-15
59	-7.39691E-15	7.39691E-15	3.26969E-15	1.79031E-15
60	-7.83109E-15	7.83109E-15	1.79031E-15	2.24089E-16
61	-8.28244E-15	8.28244E-15	2.24089E-16	1.43240E-15
62	-8.75195E-15	8.75195E-15	1.43240E-15	3.18279E-15
63	-9.24032E-15	9.24032E-15	3.18279E-15	5.03085E-15
64	-9.74795E-15	9.74795E-15	5.03085E-15	6.98044E-15
65	3.93584E-15	-3.93584E-15	6.98044E-15	6.19328E-15
66	3.38943E-15	-3.38943E-15	6.19328E-15	5.51539E-15
67	9.92938E-15	-9.92938E-15	5.51539E-15	3.52952E-15
68	9.34527E-15	-9.34527E-15	3.52952E-15	1.66046E-15

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70 1.01818E-15-1.01818E-15-8.81618E-17 2.91798E-16  
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72-2.69882E-16 2.69882E-16-3.68208E-16 3.14231E-16  
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74-1.61779E-15 1.61779E-15-1.26875E-16-1.96684E-16  
75-2.31205E-15 2.31205E-15 1.96684E-16-6.59095E-16  
76 1.11922E-14-1.11922E-14 6.59095E-16 1.57934E-15  
77-3.73689E-15 3.73689E-15-1.57934E-15 8.31957E-16  
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79-5.20460E-15 5.20460E-15 6.12014E-17-1.10212E-15  
80-5.95255E-15 5.95255E-15 1.10212E-15-2.29263E-15  
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82-7.47294E-15 7.47294E-15 3.63441E-15-5.12900E-15  
83 5.96678E-15-5.96678E-15 5.12900E-15-3.93564E-15  
84 5.18914E-15-5.18914E-15 3.93564E-15-2.89781E-15  
85 4.40545E-15-4.40545E-15 2.89781E-15-2.01672E-15  
86 3.61613E-15-3.61613E-15 2.01672E-15-1.29350E-15  
87 2.82148E-15-2.82148E-15 1.29350E-15-7.29200E-16  
88 2.02171E-15-2.02171E-15 7.29200E-16-3.24859E-16  
89 1.21695E-15-1.21695E-15 3.24859E-16-8.14562E-17  
90 4.07281E-16-4.07281E-16 8.14562E-17-3.21855E-28



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                NewProject.BaseDesignSection_28.SLERaraFrequenteQuasiPermanente_3745
                Exe Time : 8 June 2018      11:15:44
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```

New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :  
 ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 1.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit
----	-------	----	--------	---------	---	-----------	-----------

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

```

ITER      0  RNORM = 0.000      RMNORM= 0.000
            RINORM=0.3180E+06 RIMNOR=0.1959E-26
            RENORM= 3652.      REMNOR=0.4102E-52 RATIO =0.1072      TOLER =0.1000E-03 NOT CONVERGED
            RFMAX = 70.78      RMMAX =0.9464E-14
            RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
            RDT  =0.3180E+06 RDR  =0.1000E-19
            RATIO=0.1072      RATOR= 0.000
            MAX UN= 15.56      IEQ=   35 NODE      18 DOF   1  Y-DISPL.F
            MIN UN=-13.00      IEQ=   45 NODE      23 DOF   1  Y-DISPL.F
            NO. OF CONTACT CONSTRAINT VIOLATIONS      0
    
```

```

ITER      2  RNORM = 0.000      RMNORM= 0.000
            RINORM=0.3180E+06 RIMNOR=0.1959E-26
            RENORM= 22.49      REMNOR=0.4883E-20 RATIO =0.8408E-02 TOLER =0.1000E-03 NOT CONVERGED
            RFMAX = 70.78      RMMAX =0.9464E-14
            RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
            RDT  =0.3180E+06 RDR  =0.1000E-19
            RATIO=0.8408E-02 RATOR= 0.000
            MAX UN= 3.868      IEQ=   17 NODE      9 DOF   1  Y-DISPL.F
            MIN UN=-.4790      IEQ=   47 NODE      24 DOF   1  Y-DISPL.F
            NO. OF CONTACT CONSTRAINT VIOLATIONS      0
    
```

```

ITER      3  RNORM = 0.000      RMNORM= 0.000
            RINORM=0.3180E+06 RIMNOR=0.1959E-26
            RENORM=0.4046E-01 REMNOR=0.6519E-21 RATIO =0.3567E-03 TOLER =0.1000E-03 NOT CONVERGED
            RFMAX = 70.78      RMMAX =0.9464E-14
            RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
            RDT  =0.3180E+06 RDR  =0.1000E-19
            RATIO=0.3567E-03 RATOR= 0.000
            MAX UN=0.9036E-02 IEQ=   23 NODE      12 DOF   1  Y-DISPL.F
            MIN UN=-.1240      IEQ=   45 NODE      23 DOF   1  Y-DISPL.F
            NO. OF CONTACT CONSTRAINT VIOLATIONS      0
    
```

```

ITER      4  RNORM = 0.000      RMNORM= 0.000
            RINORM=0.3180E+06 RIMNOR=0.1959E-26
            RENORM=0.8852E-03 REMNOR=0.1261E-20 RATIO =0.5276E-04 TOLER =0.1000E-03      CONVERGED !
            RFMAX = 70.78      RMMAX =0.9464E-14
            RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
            RDT  =0.3180E+06 RDR  =0.1000E-19
            RATIO=0.5276E-04 RATOR= 0.000
            MAX UN=0.1312E-01 IEQ=   23 NODE      12 DOF   1  Y-DISPL.F
            MIN UN=-.2644E-03 IEQ=  181 NODE      91 DOF   1  Y-DISPL.F
            NO. OF CONTACT CONSTRAINT VIOLATIONS      0
    
```

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:15:44

New Project

SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	1.8171156E-03	-4.5614804E-04
2	1.7258860E-03	-4.5614804E-04
3	1.6346563E-03	-4.5614804E-04
4	1.5434267E-03	-4.5614804E-04
5	1.4521979E-03	-4.5613684E-04
6	1.3609765E-03	-4.5605886E-04
7	1.2697867E-03	-4.5579514E-04
8	1.1786826E-03	-4.5516906E-04
9	1.0877586E-03	-4.5395092E-04
10	9.9715016E-04	-4.5201313E-04
11	9.0700129E-04	-4.4935568E-04
12	8.1745604E-04	-4.4597592E-04
13	7.2865993E-04	-4.4186100E-04
14	6.4076597E-04	-4.3693110E-04
15	5.5395512E-04	-4.3098666E-04
16	4.6846034E-04	-4.2370673E-04
17	3.8459095E-04	-4.1464903E-04
18	3.0275669E-04	-4.0325195E-04
19	2.2349137E-04	-3.8883679E-04
20	1.4744634E-04	-3.7105615E-04
21	7.5280910E-05	-3.5009555E-04
22	7.5884855E-06	-3.2642942E-04
23	-5.5156623E-05	-3.0074976E-04
24	-1.1262868E-04	-2.7383326E-04
25	-1.6465488E-04	-2.4639546E-04
26	-2.1119104E-04	-2.1902031E-04
27	-2.5229896E-04	-1.9218442E-04
28	-2.8812502E-04	-1.6625167E-04
29	-3.1887717E-04	-1.4148437E-04
30	-3.4480920E-04	-1.1807592E-04
31	-3.6620722E-04	-9.6162641E-05
32	-3.8337980E-04	-7.5832545E-05
33	-3.9664897E-04	-5.7133419E-05
34	-4.0634286E-04	-4.0079744E-05
35	-4.1278968E-04	-2.4658812E-05
36	-4.1631288E-04	-1.0835736E-05
37	-4.1722704E-04	1.4414360E-06
38	-4.1583501E-04	1.2237950E-05
39	-4.1242558E-04	2.1628686E-05
40	-4.0727186E-04	2.9694995E-05
41	-4.0063021E-04	3.6522142E-05
42	-3.9273984E-04	4.2196710E-05
43	-3.8382263E-04	4.6804756E-05
44	-3.7408346E-04	5.0430048E-05
45	-3.6371085E-04	5.3152612E-05
46	-3.5287764E-04	5.5047576E-05
47	-3.4174238E-04	5.6184116E-05
48	-3.3045039E-04	5.6624729E-05
49	-3.1913520E-04	5.6424623E-05
50	-3.0792014E-04	5.5631288E-05
51	-2.9691966E-04	5.4284188E-05
52	-2.8624151E-04	5.2414689E-05
53	-2.7598436E-04	5.0089720E-05
54	-2.6622923E-04	4.7410530E-05
55	-2.5703775E-04	4.4467385E-05
56	-2.4845456E-04	4.1340053E-05
57	-2.4050935E-04	3.8098322E-05
58	-2.3321883E-04	3.4802589E-05
59	-2.2658848E-04	3.1504488E-05
60	-2.2061429E-04	2.8247540E-05
61	-2.1528431E-04	2.5067817E-05
62	-2.1058006E-04	2.1994607E-05
63	-2.0647783E-04	1.9051065E-05
64	-2.0294981E-04	1.6254853E-05
65	-1.9996521E-04	1.3618747E-05
66	-1.9749108E-04	1.1151230E-05
67	-1.9549317E-04	8.8570030E-06
68	-1.9393663E-04	6.7374717E-06
69	-1.9278662E-04	4.7912331E-06
70	-1.9200883E-04	3.0145275E-06
71	-1.9156989E-04	1.4016499E-06
72	-1.9143774E-04	-5.4676851E-08



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73	-1.9158178E-04	-1.3612288E-06
74	-1.9197265E-04	-2.5241629E-06
75	-1.9258235E-04	-3.5506598E-06
76	-1.9338435E-04	-4.4486728E-06
77	-1.9435382E-04	-5.2267081E-06
78	-1.9546763E-04	-5.8936368E-06
79	-1.9670447E-04	-6.4585342E-06
80	-1.9804485E-04	-6.9305464E-06
81	-1.9947110E-04	-7.3187806E-06
82	-2.0096738E-04	-7.6322168E-06
83	-2.0251959E-04	-7.8796399E-06
84	-2.0411540E-04	-8.0695888E-06
85	-2.0574414E-04	-8.2103210E-06
86	-2.0739678E-04	-8.3097899E-06
87	-2.0906582E-04	-8.3756341E-06
88	-2.1074528E-04	-8.4151750E-06
89	-2.1243060E-04	-8.4354230E-06
90	-2.1411869E-04	-8.4430884E-06
91	-2.1580751E-04	-8.4445955E-06



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33 D	29.26	3.9665E-04	125.5 109.3 125.5	109.3	V-C 3.2234E+04 -6.400 37.02 1.000 1.000
146.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	30.06	4.0634E-04	128.0 111.4 128.0	111.4	V-C 3.2234E+04 -6.600 38.92 1.000 1.000
150.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	30.83	4.1279E-04	131.4 113.3 131.4	113.3	V-C 3.2234E+04 -6.800 40.81 1.000 1.000
154.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	31.57	4.1631E-04	134.4 115.2 134.4	115.2	V-C 3.2234E+04 -7.000 42.71 1.000 1.000
157.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	32.31	4.1723E-04	137.3 116.9 137.3	116.9	V-C 3.2234E+04 -7.200 44.61 1.000 1.000
161.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	33.02	4.1584E-04	140.3 118.6 140.3	118.6	V-C 3.2234E+04 -7.400 46.51 1.000 1.000
165.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	33.73	4.1243E-04	143.5 120.2 143.5	120.2	V-C 3.2234E+04 -7.600 48.41 1.000 1.000
168.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	34.42	4.0727E-04	146.4 121.8 146.4	121.8	V-C 3.2234E+04 -7.800 50.31 1.000 1.000
172.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	35.10	4.0063E-04	149.3 123.3 149.3	123.3	V-C 3.2234E+04 -8.000 52.20 1.000 1.000
175.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	35.77	3.9274E-04	152.1 124.8 152.1	124.8	V-C 3.2234E+04 -8.200 54.10 1.000 1.000
178.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	36.44	3.8382E-04	155.3 126.2 155.3	126.2	V-C 3.2234E+04 -8.400 56.00 1.000 1.000
182.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	37.10	3.7408E-04	157.8 127.6 157.8	127.6	V-C 3.2234E+04 -8.600 57.90 1.000 1.000
185.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	37.75	3.6371E-04	160.9 129.0 160.9	129.0	V-C 3.2234E+04 -8.800 59.80 1.000 1.000
188.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	38.40	3.5288E-04	163.7 130.3 163.7	130.3	V-C 3.2234E+04 -9.000 61.69 1.000 1.000
192.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	39.05	3.4174E-04	166.8 131.7 166.8	131.7	V-C 3.2234E+04 -9.200 63.59 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	39.70	3.3045E-04	169.3 133.0 169.3	133.0	V-C 3.2234E+04 -9.400 65.49 1.000 1.000
198.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	40.35	3.1914E-04	172.3 134.4 172.3	134.4	V-C 3.2234E+04 -9.600 67.39 1.000 1.000
201.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	41.00	3.0792E-04	175.1 135.7 175.1	135.7	V-C 3.2234E+04 -9.800 69.29 1.000 1.000
205.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	41.66	2.9692E-04	177.8 137.1 177.8	137.1	V-C 3.2234E+04 -10.00 71.19 1.000 1.000
208.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	42.87	2.8624E-04	180.5 141.3 180.5	141.3	V-C 4.2056E+04 -10.20 73.08 1.000 1.000
214.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	43.51	2.7598E-04	183.6 142.6 183.6	142.6	UL-RL 1.0514E+05 -10.40 74.98 1.000 1.000
217.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	44.15	2.6623E-04	186.0 143.9 186.0	143.9	UL-RL 1.0514E+05 -10.60 76.88 1.000 1.000
220.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	44.79	2.5704E-04	189.0 145.2 189.0	145.2	UL-RL 1.0514E+05 -10.80 78.78 1.000 1.000
224.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	45.44	2.4845E-04	191.7 146.5 191.7	146.5	UL-RL 1.0514E+05 -11.00 80.68 1.000 1.000
227.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	46.10	2.4051E-04	194.6 147.9 194.6	147.9	UL-RL 1.0514E+05 -11.20 82.58 1.000 1.000
230.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	46.76	2.3322E-04	197.0 149.3 197.0	149.3	UL-RL 1.0514E+05 -11.40 84.47 1.000 1.000
233.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	47.43	2.2659E-04	200.0 150.8 200.0	150.8	UL-RL 1.0514E+05 -11.60 86.37 1.000 1.000
237.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	48.10	2.2061E-04	202.6 152.2 202.6	152.2	UL-RL 1.0514E+05 -11.80 88.27 1.000 1.000
240.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.78	2.1528E-04	205.3 153.7 205.3	153.7	V-C 4.2056E+04 -12.00 90.17 1.000 1.000
243.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.47	2.1058E-04	208.0 155.3 208.0	155.3	V-C 4.2056E+04 -12.20 92.07 1.000 1.000
247.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	50.16	2.0648E-04	210.9 156.8 210.9	156.8	V-C 4.2056E+04 -12.40 93.97 1.000 1.000
250.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.85	2.0295E-04	213.3 158.4 213.3	158.4	V-C 4.2056E+04 -12.60 95.86 1.000 1.000
254.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.55	1.9997E-04	216.2 160.0 216.2	160.0	V-C 4.2056E+04 -12.80 97.76 1.000 1.000
257.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.26	1.9749E-04	218.8 161.6 218.8	161.6	UL-RL 1.0514E+05 -13.00 99.66 1.000 1.000
261.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	52.96	1.9549E-04	221.7 163.3 221.7	163.3	UL-RL 1.0514E+05 -13.20 101.6 1.000 1.000
264.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.68	1.9394E-04	224.1 164.9 224.1	164.9	UL-RL 1.0514E+05 -13.40 103.5 1.000 1.000
268.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.39	1.9279E-04	226.9 166.6 226.9	166.6	UL-RL 1.0514E+05 -13.60 105.4 1.000 1.000
272.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.11	1.9201E-04	229.5 168.3 229.5	168.3	UL-RL 1.0514E+05 -13.80 107.3 1.000 1.000
275.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	55.84	1.9157E-04	232.2 170.0 232.2	170.1	UL-RL 1.0514E+05 -14.00 109.2 1.000 1.000
279.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
72 D	56.12	1.9144E-04	234.4 169.5 234.4	169.6	UL-RL 1.0514E+05 -14.20 111.1 1.000 1.000
280.6	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.78	1.9158E-04	236.8 171.0 236.8	171.0	UL-RL 1.0514E+05 -14.40 112.9 1.000 1.000
283.9	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.45	1.9197E-04	238.8 172.4 238.8	172.4	UL-RL 1.0514E+05 -14.60 114.8 1.000 1.000
287.3	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.12	1.9258E-04	241.3 173.9 241.3	173.9	UL-RL 1.0514E+05 -14.80 116.7 1.000 1.000
290.6	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.80	1.9338E-04	243.5 175.3 243.5	175.4	UL-RL 1.0514E+05 -15.00 118.6 1.000 1.000
294.0	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.47	1.9435E-04	245.9 176.8 245.9	176.9	UL-RL 1.0514E+05 -15.20 120.5 1.000 1.000
297.4	0.000	0.000	Limosabbiosol_237_225_L_0		









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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:15:44

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-8.41069E-11	8.41069E-11	-8.40927E-12	-4.90843E-11
2	8.43239E-11	-8.43239E-11	4.91078E-11	-5.53894E-11
3	-9.00648E-11	9.00648E-11	5.48894E-11	-9.11413E-11
4	0.35417	-0.35417	7.30247E-11	7.08343E-02
5	1.7591	-1.7591	-7.08343E-02	0.42266
6	4.1174	-4.1174	-0.42266	1.2461
7	7.3480	-7.3480	-1.2461	2.7157
8	11.385	-11.385	-2.7157	4.9927
9	11.385	-11.385	-4.9927	7.2698
10	11.385	-11.385	-7.2698	9.5468
11	11.469	-11.469	-9.5468	11.841
12	11.791	-11.791	-11.841	14.199
13	13.995	-13.995	-14.199	16.998
14	18.105	-18.105	-16.998	20.619
15	24.150	-24.150	-20.619	25.449
16	32.099	-32.099	-25.449	31.869
17	41.919	-41.919	-31.869	40.253
18	53.574	-53.574	-40.253	50.968
19	52.911	-52.911	-50.968	61.550
20	47.705	-47.705	-61.550	71.091
21	37.900	-37.900	-71.091	78.670
22	25.809	-25.809	-78.670	83.832
23	13.329	-13.329	-83.832	86.498
24	3.1614	-3.1614	-86.498	87.130
25	-5.1438	5.1438	-87.130	86.102
26	-11.918	11.918	-86.102	83.718
27	-16.657	16.657	-83.718	80.386
28	-20.214	20.214	-80.386	76.344
29	-22.784	22.784	-76.344	71.787
30	-24.524	24.524	-71.787	66.882
31	-25.569	25.569	-66.882	61.768
32	-26.036	26.036	-61.768	56.561
33	-26.027	26.027	-56.561	51.356
34	-25.631	25.631	-51.356	46.230
35	-24.928	24.928	-46.230	41.244
36	-23.985	23.985	-41.244	36.447
37	-22.863	22.863	-36.447	31.874
38	-21.616	21.616	-31.874	27.551
39	-20.288	20.288	-27.551	23.493
40	-18.921	18.921	-23.493	19.709
41	-17.547	17.547	-19.709	16.200
42	-16.198	16.198	-16.200	12.960
43	-14.897	14.897	-12.960	9.9809
44	-13.665	13.665	-9.9809	7.2478
45	-12.521	12.521	-7.2478	4.7437
46	-11.476	11.476	-4.7437	2.4484
47	-10.543	10.543	-2.4484	0.33980
48	-9.7294	9.7294	-0.33980	-1.6061
49	-9.0408	9.0408	1.6061	-3.4142
50	-8.4805	8.4805	3.4142	-5.1103
51	-8.0498	8.0498	5.1103	-6.7202
52	-6.3604	6.3604	6.7202	-7.9923
53	-4.8473	4.8473	7.9923	-8.9618
54	-3.5043	3.5043	8.9618	-9.6626
55	-2.3235	2.3235	9.6626	-10.127
56	-1.2961	1.2961	10.127	-10.387
57	-0.41250	0.41250	10.387	-10.469
58	0.33757	-0.33757	10.469	-10.402
59	0.96452	-0.96452	10.402	-10.209
60	1.4789	-1.4789	10.209	-9.9129
61	1.8912	-1.8912	9.9129	-9.5346
62	2.2116	-2.2116	9.5346	-9.0923
63	2.4500	-2.4500	9.0923	-8.6023
64	2.6158	-2.6158	8.6023	-8.0792
65	2.7183	-2.7183	8.0792	-7.5355
66	2.7646	-2.7646	7.5355	-6.9826
67	2.7628	-2.7628	6.9826	-6.4300
68	2.7203	-2.7203	6.4300	-5.8859



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69	2.6438	-2.6438	5.8859	-5.3572
70	2.5397	-2.5397	5.3572	-4.8492
71	2.4136	-2.4136	4.8492	-4.3665
72	2.3253	-2.3253	4.3665	-3.9014
73	2.2188	-2.2188	3.9014	-3.4577
74	2.0981	-2.0981	3.4577	-3.0381
75	1.9671	-1.9671	3.0381	-2.6446
76	1.8290	-1.8290	2.6446	-2.2788
77	1.6865	-1.6865	2.2788	-1.9415
78	1.5418	-1.5418	1.9415	-1.6332
79	1.3971	-1.3971	1.6332	-1.3538
80	1.2537	-1.2537	1.3538	-1.1030
81	1.1129	-1.1129	1.1030	-0.88043
82	0.97574	-0.97574	0.88043	-0.68528
83	0.84277	-0.84277	0.68528	-0.51673
84	0.71447	-0.71447	0.51673	-0.37383
85	0.59111	-0.59111	0.37383	-0.25561
86	0.47279	-0.47279	0.25561	-0.16105
87	0.35946	-0.35946	0.16105	-8.91634E-02
88	0.25098	-0.25098	8.91634E-02	-3.89675E-02
89	0.14714	-0.14714	3.89675E-02	-9.53716E-03
90	4.76858E-02	-4.76858E-02	9.53716E-03	7.21534E-13

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:15:44

New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
CURRENT TIME IS 2.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL FORCE d0 EDISPL pl. eps K -ve limit +ve limit

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4196E+06 RIMNOR=0.2006E+06  
RENORM=0.5831E+05 REMNOR=0.1261E-20 RATIO =0.3728 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 87.13  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4196E+06 RDR =0.2006E+06  
RATIOT=0.3728 RATIO= 0.000  
MAX UN=0.1312E-01 IEQ= 23 NODE 12 DOF 1 Y-DISPL.F  
MIN UN=-241.5 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4196E+06 RIMNOR=0.2006E+06  
RENORM= 201.1 REMNOR=0.7903E-20 RATIO =0.2189E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 87.13  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4196E+06 RDR =0.2006E+06  
RATIOT=0.2189E-01 RATIO= 0.000  
MAX UN=0.3758E-09 IEQ= 7 NODE 4 DOF 1 Y-DISPL.F  
MIN UN=-4.375 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4196E+06 RIMNOR=0.2006E+06  
RENORM=0.1234 REMNOR=0.2742E-20 RATIO =0.5424E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 87.13  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4196E+06 RDR =0.2006E+06  
RATIOT=0.5424E-03 RATIO= 0.000  
MAX UN=0.1495E-09 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
MIN UN=-.2087 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4196E+06 RIMNOR=0.2006E+06  
RENORM=0.7809E-05 REMNOR=0.3484E-21 RATIO =0.4314E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 241.5 RMMAX = 87.13  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4196E+06 RDR =0.2006E+06  
RATIOT=0.4314E-05 RATIO= 0.000  
MAX UN=0.8522E-10 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
MIN UN=-.1131E-02 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

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New Project

SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04)

1	2.5366898E-04	-3.6282356E-04
2	1.8110640E-04	-3.6279156E-04
3	1.0856199E-04	-3.6261514E-04
4	3.6081531E-05	-3.6212096E-04
5	-3.6251685E-05	-3.6110611E-04
6	-1.0830948E-04	-3.5931972E-04
7	-1.7990753E-04	-3.5645270E-04
8	-2.5079447E-04	-3.5214435E-04
9	-3.2064200E-04	-3.4598699E-04
10	-3.8902560E-04	-3.3737462E-04
11	-4.5537525E-04	-3.2551334E-04
12	-5.1895981E-04	-3.0958526E-04
13	-5.7888203E-04	-2.8874724E-04
14	-6.3407211E-04	-2.6211020E-04
15	-6.8327582E-04	-2.2871882E-04
16	-7.2504118E-04	-1.8755056E-04
17	-7.5821382E-04	-1.4514899E-04
18	-7.8345063E-04	-1.0799519E-04
19	-8.0168108E-04	-7.4879040E-05
20	-8.1360287E-04	-4.4772370E-05
21	-8.1974853E-04	-1.7043310E-05
22	-8.2056143E-04	8.5672821E-06
23	-8.1646541E-04	3.2021108E-05
24	-8.0790928E-04	5.3131245E-05
25	-7.9538098E-04	7.1720812E-05
26	-7.7939532E-04	8.7694893E-05
27	-7.6047977E-04	1.0101776E-04
28	-7.3915979E-04	1.1176696E-04
29	-7.1593288E-04	1.2011953E-04
30	-6.9125890E-04	1.2627006E-04
31	-6.6555806E-04	1.3042259E-04
32	-6.3920923E-04	1.3278467E-04
33	-6.1254980E-04	1.3356263E-04
34	-5.8587636E-04	1.3295787E-04
35	-5.5944605E-04	1.3116418E-04
36	-5.3347781E-04	1.2836556E-04
37	-5.0815530E-04	1.2473478E-04
38	-4.8362868E-04	1.2043235E-04
39	-4.6001730E-04	1.1560578E-04
40	-4.3741247E-04	1.1038929E-04
41	-4.1587965E-04	1.0490361E-04
42	-3.9546181E-04	9.9256140E-05
43	-3.7618169E-04	9.3541178E-05
44	-3.5804456E-04	8.7837890E-05
45	-3.4104171E-04	8.2208235E-05
46	-3.2515342E-04	7.6697659E-05
47	-3.1035266E-04	7.1336847E-05
48	-2.9660754E-04	6.6143095E-05
49	-2.8388393E-04	6.1121729E-05
50	-2.7214777E-04	5.6267421E-05
51	-2.6136688E-04	5.1565289E-05
52	-2.5151325E-04	4.6992225E-05
53	-2.4256128E-04	4.2552801E-05
54	-2.3448105E-04	3.8279515E-05
55	-2.2723676E-04	3.4196827E-05
56	-2.2078844E-04	3.0322352E-05
57	-2.1509316E-04	2.6667844E-05
58	-2.1010618E-04	2.3240094E-05
59	-2.0578183E-04	2.0041728E-05
60	-2.0207425E-04	1.7071913E-05
61	-1.9893807E-04	1.4326992E-05
62	-1.9632886E-04	1.1801024E-05
63	-1.9420358E-04	9.4862744E-06
64	-1.9252088E-04	7.3736204E-06
65	-1.9124134E-04	5.4529166E-06
66	-1.9032764E-04	3.7133011E-06
67	-1.8974470E-04	2.1434296E-06
68	-1.8945973E-04	7.3167021E-07
69	-1.8944227E-04	-5.3370399E-07
70	-1.8966423E-04	-1.6643497E-06
71	-1.9009979E-04	-2.6717158E-06
72	-1.9072544E-04	-3.5669311E-06

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73 -1.9151969E-04 -4.3589753E-06  
74 -1.9246261E-04 -5.0548165E-06  
75 -1.9353566E-04 -5.6613845E-06  
76 -1.9472168E-04 -6.1855917E-06  
77 -1.9600487E-04 -6.6343209E-06  
78 -1.9737083E-04 -7.0144032E-06  
79 -1.9880650E-04 -7.3325412E-06  
80 -2.0030015E-04 -7.5952468E-06  
81 -2.0184132E-04 -7.8087934E-06  
82 -2.0342079E-04 -7.9791803E-06  
83 -2.0503050E-04 -8.1121076E-06  
84 -2.0666349E-04 -8.2129615E-06  
85 -2.0831388E-04 -8.2868063E-06  
86 -2.0997673E-04 -8.3383849E-06  
87 -2.1164804E-04 -8.3721239E-06  
88 -2.1332467E-04 -8.3921431E-06  
89 -2.1500424E-04 -8.4022700E-06  
90 -2.1668524E-04 -8.4060548E-06  
91 -2.1836654E-04 -8.4067886E-06



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33 D	30.66	6.1255E-04	125.5 116.3 125.5	116.3	V-C 3.2234E+04 -6.400 37.02 1.000 1.000
153.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	31.21	5.8588E-04	128.0 117.1 128.0	117.2	UL-RL 8.0801E+04 -6.600 38.92 1.000 1.000
156.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	31.77	5.5945E-04	131.4 118.0 131.4	118.0	UL-RL 8.0801E+04 -6.800 40.81 1.000 1.000
158.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	32.33	5.3348E-04	134.4 118.9 134.4	118.9	UL-RL 8.0801E+04 -7.000 42.71 1.000 1.000
161.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	32.89	5.0816E-04	137.3 119.8 137.3	119.9	UL-RL 8.0801E+04 -7.200 44.61 1.000 1.000
164.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	33.46	4.8363E-04	140.3 120.8 140.3	120.8	UL-RL 8.0801E+04 -7.400 46.51 1.000 1.000
167.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	34.03	4.6002E-04	143.5 121.8 143.5	121.8	UL-RL 8.0801E+04 -7.600 48.41 1.000 1.000
170.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	34.61	4.3741E-04	146.4 122.7 146.4	122.8	UL-RL 8.0801E+04 -7.800 50.31 1.000 1.000
173.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	35.20	4.1588E-04	149.3 123.8 149.3	123.8	UL-RL 8.0801E+04 -8.000 52.20 1.000 1.000
176.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	35.79	3.9546E-04	152.1 124.8 152.1	124.8	UL-RL 8.0801E+04 -8.200 54.10 1.000 1.000
178.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	36.31	3.7618E-04	155.3 125.6 155.3	126.2	UL-RL 8.0801E+04 -8.400 56.00 1.000 1.000
181.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	36.84	3.5804E-04	157.8 126.3 157.8	127.6	UL-RL 8.0801E+04 -8.600 57.90 1.000 1.000
184.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	37.39	3.4104E-04	160.9 127.1 160.9	129.0	UL-RL 8.0801E+04 -8.800 59.80 1.000 1.000
186.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	37.96	3.2515E-04	163.7 128.1 163.7	130.3	UL-RL 8.0801E+04 -9.000 61.69 1.000 1.000
189.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	38.55	3.1035E-04	166.8 129.1 166.8	131.7	UL-RL 8.0801E+04 -9.200 63.59 1.000 1.000
192.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	39.16	2.9661E-04	169.3 130.3 169.3	133.0	UL-RL 8.0801E+04 -9.400 65.49 1.000 1.000
195.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	39.78	2.8388E-04	172.3 131.5 172.3	134.4	UL-RL 8.0801E+04 -9.600 67.39 1.000 1.000
198.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	40.43	2.7215E-04	175.1 132.8 175.1	135.7	UL-RL 8.0801E+04 -9.800 69.29 1.000 1.000
202.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	41.08	2.6137E-04	177.8 134.2 177.8	137.1	UL-RL 8.0801E+04 -10.00 71.19 1.000 1.000
205.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	42.14	2.5151E-04	180.5 137.6 180.5	141.3	UL-RL 1.0514E+05 -10.20 73.08 1.000 1.000
210.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	42.80	2.4256E-04	183.6 139.0 183.6	142.6	UL-RL 1.0514E+05 -10.40 74.98 1.000 1.000
214.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	43.48	2.3448E-04	186.0 140.5 186.0	143.9	UL-RL 1.0514E+05 -10.60 76.88 1.000 1.000
217.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	44.17	2.2724E-04	189.0 142.1 189.0	145.2	UL-RL 1.0514E+05 -10.80 78.78 1.000 1.000
220.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	44.86	2.2079E-04	191.7 143.6 191.7	146.5	UL-RL 1.0514E+05 -11.00 80.68 1.000 1.000
224.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	45.57	2.1509E-04	194.6 145.3 194.6	147.9	UL-RL 1.0514E+05 -11.20 82.58 1.000 1.000
227.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	46.28	2.1011E-04	197.0 146.9 197.0	149.3	UL-RL 1.0514E+05 -11.40 84.47 1.000 1.000
231.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	46.99	2.0578E-04	200.0 148.6 200.0	150.8	UL-RL 1.0514E+05 -11.60 86.37 1.000 1.000
235.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	47.71	2.0207E-04	202.6 150.3 202.6	152.2	UL-RL 1.0514E+05 -11.80 88.27 1.000 1.000
238.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.44	1.9894E-04	205.3 152.0 205.3	153.7	UL-RL 1.0514E+05 -12.00 90.17 1.000 1.000
242.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.17	1.9633E-04	208.0 153.8 208.0	155.3	UL-RL 1.0514E+05 -12.20 92.07 1.000 1.000
245.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	49.90	1.9420E-04	210.9 155.5 210.9	156.8	UL-RL 1.0514E+05 -12.40 93.97 1.000 1.000
249.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.63	1.9252E-04	213.3 157.3 213.3	158.4	UL-RL 1.0514E+05 -12.60 95.86 1.000 1.000
253.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.37	1.9124E-04	216.2 159.1 216.2	160.0	UL-RL 1.0514E+05 -12.80 97.76 1.000 1.000
256.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.11	1.9033E-04	218.8 160.9 218.8	161.6	UL-RL 1.0514E+05 -13.00 99.66 1.000 1.000
260.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	52.84	1.8974E-04	221.7 162.7 221.7	163.3	UL-RL 1.0514E+05 -13.20 101.6 1.000 1.000
264.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.58	1.8946E-04	224.1 164.5 224.1	164.9	UL-RL 1.0514E+05 -13.40 103.5 1.000 1.000
267.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.32	1.8944E-04	226.9 166.3 226.9	166.6	UL-RL 1.0514E+05 -13.60 105.4 1.000 1.000
271.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.06	1.8966E-04	229.5 168.1 229.5	168.3	UL-RL 1.0514E+05 -13.80 107.3 1.000 1.000
275.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	55.80	1.9010E-04	232.2 169.9 232.2	170.1	UL-RL 1.0514E+05 -14.00 109.2 1.000 1.000
279.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
72 D	56.10	1.9073E-04	234.4 169.5 234.4	169.6	UL-RL 1.0514E+05 -14.20 111.1 1.000 1.000
280.5	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.78	1.9152E-04	236.8 171.0 236.8	171.0	UL-RL 1.0514E+05 -14.40 112.9 1.000 1.000
283.9	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.46	1.9246E-04	238.8 172.4 238.8	172.5	UL-RL 1.0514E+05 -14.60 114.8 1.000 1.000
287.3	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.14	1.9354E-04	241.3 173.9 241.3	173.9	V-C 4.2056E+04 -14.80 116.7 1.000 1.000
290.7	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.81	1.9472E-04	243.5 175.4 243.5	175.4	V-C 4.2056E+04 -15.00 118.6 1.000 1.000
294.1	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.49	1.9600E-04	245.9 176.9 245.9	176.9	V-C 4.2056E+04 -15.20 120.5 1.000 1.000
297.5	0.000	0.000	Limosabbiosol_237_225_L_0		







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33 D	27.52	-6.1255E-04	38.11	112.4	75.08	137.0	UL-RL	4.0171E+04	-6.400	25.22	1.000	1.000
137.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	28.22	-5.8588E-04	40.45	113.8	77.52	137.3	UL-RL	4.0171E+04	-6.600	27.32	1.000	1.000
141.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	28.94	-5.5945E-04	42.79	115.3	79.96	137.8	UL-RL	4.0171E+04	-6.800	29.42	1.000	1.000
144.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	29.69	-5.3348E-04	45.12	116.9	82.40	138.4	UL-RL	4.0171E+04	-7.000	31.53	1.000	1.000
148.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	30.45	-5.0816E-04	47.46	118.6	84.84	139.1	UL-RL	4.0171E+04	-7.200	33.63	1.000	1.000
152.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	31.23	-4.8363E-04	49.80	120.4	87.28	139.9	UL-RL	4.0171E+04	-7.400	35.73	1.000	1.000
156.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	32.02	-4.6002E-04	52.14	122.2	89.72	140.7	UL-RL	4.0171E+04	-7.600	37.83	1.000	1.000
160.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	32.81	-4.3741E-04	54.48	124.1	92.16	141.7	UL-RL	4.0171E+04	-7.800	39.93	1.000	1.000
164.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	33.60	-4.1588E-04	56.82	126.0	94.60	142.7	UL-RL	4.0171E+04	-8.000	42.03	1.000	1.000
168.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	34.40	-3.9546E-04	59.15	127.9	97.04	143.7	UL-RL	4.0171E+04	-8.200	44.14	1.000	1.000
172.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	35.20	-3.7618E-04	61.49	129.7	99.48	144.9	UL-RL	4.0171E+04	-8.400	46.24	1.000	1.000
176.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	35.99	-3.5804E-04	63.83	131.6	101.9	146.0	UL-RL	4.0171E+04	-8.600	48.34	1.000	1.000
180.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	36.79	-3.4104E-04	66.17	133.5	104.4	147.2	UL-RL	4.0171E+04	-8.800	50.44	1.000	1.000
183.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	37.58	-3.2515E-04	68.51	135.4	106.8	148.4	UL-RL	4.0171E+04	-9.000	52.54	1.000	1.000
187.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	38.37	-3.1035E-04	70.85	137.2	109.2	149.7	UL-RL	4.0171E+04	-9.200	54.64	1.000	1.000
191.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	39.16	-2.9661E-04	73.18	139.1	111.7	151.0	UL-RL	4.0171E+04	-9.400	56.75	1.000	1.000
195.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	39.95	-2.8388E-04	75.52	140.9	114.1	152.3	UL-RL	4.0171E+04	-9.600	58.85	1.000	1.000
199.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	40.73	-2.7215E-04	77.86	142.7	116.6	153.6	UL-RL	4.0171E+04	-9.800	60.95	1.000	1.000
203.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	41.51	-2.6137E-04	80.20	144.5	119.0	155.0	UL-RL	4.0171E+04	-10.00	63.05	1.000	1.000
207.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	41.56	-2.5151E-04	82.54	142.7	121.4	156.4	UL-RL	5.4592E+04	-10.20	65.15	1.000	1.000
207.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	42.36	-2.4256E-04	84.88	144.5	123.9	157.8	UL-RL	5.4592E+04	-10.40	67.25	1.000	1.000
211.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	43.15	-2.3448E-04	87.21	146.4	126.3	159.2	UL-RL	5.4592E+04	-10.60	69.36	1.000	1.000
215.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	43.94	-2.2724E-04	89.55	148.2	128.8	160.6	UL-RL	5.4592E+04	-10.80	71.46	1.000	1.000
219.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	44.72	-2.2079E-04	91.89	150.0	131.2	162.1	UL-RL	5.4592E+04	-11.00	73.56	1.000	1.000
223.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	45.49	-2.1509E-04	94.23	151.8	133.6	163.6	UL-RL	5.4592E+04	-11.20	75.66	1.000	1.000
227.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	46.26	-2.1011E-04	96.57	153.6	136.1	165.0	UL-RL	5.4592E+04	-11.40	77.76	1.000	1.000
231.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	47.03	-2.0578E-04	98.91	155.3	138.5	166.5	UL-RL	5.4592E+04	-11.60	79.86	1.000	1.000
235.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	47.79	-2.0207E-04	101.2	157.0	141.0	168.0	UL-RL	5.4592E+04	-11.80	81.97	1.000	1.000
239.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	48.55	-1.9894E-04	103.6	158.7	143.4	169.5	UL-RL	5.4592E+04	-12.00	84.07	1.000	1.000
242.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	49.30	-1.9633E-04	105.9	160.3	145.8	171.1	UL-RL	5.4592E+04	-12.20	86.17	1.000	1.000
246.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	50.05	-1.9420E-04	108.3	162.0	148.3	172.6	UL-RL	5.4592E+04	-12.40	88.27	1.000	1.000
250.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	50.80	-1.9252E-04	110.6	163.6	150.7	174.1	UL-RL	5.4592E+04	-12.60	90.37	1.000	1.000
254.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	51.55	-1.9124E-04	112.9	165.3	153.2	175.7	UL-RL	5.4592E+04	-12.80	92.47	1.000	1.000
257.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	52.29	-1.9033E-04	115.3	166.9	155.6	177.3	UL-RL	5.4592E+04	-13.00	94.58	1.000	1.000
261.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	53.03	-1.8974E-04	117.6	168.5	158.0	178.8	UL-RL	5.4592E+04	-13.20	96.68	1.000	1.000
265.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	53.77	-1.8946E-04	120.0	170.1	160.5	180.4	UL-RL	5.4592E+04	-13.40	98.78	1.000	1.000
268.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	54.51	-1.8944E-04	122.3	171.6	162.9	182.0	UL-RL	5.4592E+04	-13.60	100.9	1.000	1.000
272.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	55.24	-1.8966E-04	124.6	173.2	165.4	183.6	UL-RL	5.4592E+04	-13.80	103.0	1.000	1.000
276.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	55.98	-1.9010E-04	127.0	174.8	167.8	185.2	UL-RL	5.4592E+04	-14.00	105.1	1.000	1.000
279.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
72 D	56.21	-1.9073E-04	128.9	173.9	169.9	184.3	UL-RL	5.4592E+04	-14.20	107.2	1.000	1.000
281.1	0.000	0.000	Limosabbiosol_237_225_L_0									
73 D	56.89	-1.9152E-04	130.9	175.2	171.9	185.6	UL-RL	5.4592E+04	-14.40	109.3	1.000	1.000
284.5	0.000	0.000	Limosabbiosol_237_225_L_0									
74 D	57.57	-1.9246E-04	132.8	176.5	174.0	187.0	UL-RL	5.4592E+04	-14.60	111.4	1.000	1.000
287.8	0.000	0.000	Limosabbiosol_237_225_L_0									
75 D	58.25	-1.9354E-04	134.8	177.7	176.0	188.3	UL-RL	5.4592E+04	-14.80	113.5	1.000	1.000
291.2	0.000	0.000	Limosabbiosol_237_225_L_0									
76 D	58.92	-1.9472E-04	136.8	179.0	178.1	189.6	UL-RL	5.4592E+04	-15.00	115.6	1.000	1.000
294.6	0.000	0.000	Limosabbiosol_237_225_L_0									
77 D	59.60	-1.9600E-04	138.7	180.3	180.2	191.0	UL-RL	5.4592E+04	-15.20	117.7	1.000	1.000
298.0	0.000	0.000	Limosabbiosol_237_225_L_0									



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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:15:45

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.0127	-1.0127	-1.47438E-12	0.20254
2	3.5564	-3.5564	-0.20254	0.91381
3	6.4982	-6.4982	-0.91381	2.2134
4	9.9756	-9.9756	-2.2134	4.2086
5	14.436	-14.436	-4.2086	7.0959
6	19.755	-19.755	-7.0959	11.047
7	25.850	-25.850	-11.047	16.217
8	32.654	-32.654	-16.217	22.747
9	45.024	-45.024	-22.747	31.752
10	57.772	-57.772	-31.752	43.307
11	70.903	-70.903	-43.307	57.487
12	84.449	-84.449	-57.487	74.377
13	99.034	-99.034	-74.377	94.184
14	114.68	-114.68	-94.184	117.12
15	131.39	-131.39	-117.12	143.40
16	-92.365	92.365	-143.40	124.92
17	-73.676	73.676	-124.92	110.19
18	-54.077	54.077	-110.19	99.373
19	-41.144	41.144	-99.373	91.144
20	-34.084	34.084	-91.144	84.327
21	-32.945	32.945	-84.327	77.738
22	-35.296	35.296	-77.738	70.679
23	-38.856	38.856	-70.679	62.908
24	-40.899	40.899	-62.908	54.728
25	-41.856	41.856	-54.728	46.357
26	-42.030	42.030	-46.357	37.951
27	-39.402	39.402	-37.951	30.071
28	-36.427	36.427	-30.071	22.785
29	-33.247	33.247	-22.785	16.136
30	-29.970	29.970	-16.136	10.142
31	-26.680	26.680	-10.142	4.8057
32	-23.442	23.442	-4.8057	0.11724
33	-20.307	20.307	-0.11724	-3.9442
34	-17.312	17.312	3.9442	-7.4065
35	-14.484	14.484	7.4065	-10.303
36	-11.845	11.845	10.303	-12.672
37	-9.4066	9.4066	12.672	-14.554
38	-7.1773	7.1773	14.554	-15.989
39	-5.1605	5.1605	15.989	-17.021
40	-3.3564	3.3564	17.021	-17.693
41	-1.7623	1.7623	17.693	-18.045
42	-0.37332	0.37332	18.045	-18.120
43	0.74273	-0.74273	18.120	-17.971
44	1.5861	-1.5861	17.971	-17.654
45	2.1825	-2.1825	17.654	-17.217
46	2.5561	-2.5561	17.217	-16.706
47	2.7297	-2.7297	16.706	-16.160
48	2.7246	-2.7246	16.160	-15.615
49	2.5604	-2.5604	15.615	-15.103
50	2.2552	-2.2552	15.103	-14.652
51	1.8257	-1.8257	14.652	-14.287
52	2.4057	-2.4057	14.287	-13.806
53	2.8510	-2.8510	13.806	-13.236
54	3.1797	-3.1797	13.236	-12.600
55	3.4082	-3.4082	12.600	-11.918
56	3.5516	-3.5516	11.918	-11.208
57	3.6231	-3.6231	11.208	-10.483
58	3.6347	-3.6347	10.483	-9.7563
59	3.5968	-3.5968	9.7563	-9.0369
60	3.5189	-3.5189	9.0369	-8.3331
61	3.4089	-3.4089	8.3331	-7.6514
62	3.2741	-3.2741	7.6514	-6.9965
63	3.1203	-3.1203	6.9965	-6.3725
64	2.9530	-2.9530	6.3725	-5.7819
65	2.7767	-2.7767	5.7819	-5.2265
66	2.5941	-2.5941	5.2265	-4.7077
67	2.4086	-2.4086	4.7077	-4.2260
68	2.2231	-2.2231	4.2260	-3.7814

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69	2.0398	-2.0398	3.7814	-3.3734
70	1.8608	-1.8608	3.3734	-3.0013
71	1.6877	-1.6877	3.0013	-2.6637
72	1.5767	-1.5767	2.6637	-2.3484
73	1.4672	-1.4672	2.3484	-2.0549
74	1.3574	-1.3574	2.0549	-1.7835
75	1.2485	-1.2485	1.7835	-1.5338
76	1.1397	-1.1397	1.5338	-1.3058
77	1.0323	-1.0323	1.3058	-1.0994
78	0.92760	-0.92760	1.0994	-0.91384
79	0.82630	-0.82630	0.91384	-0.74858
80	0.72911	-0.72911	0.74858	-0.60276
81	0.63648	-0.63648	0.60276	-0.47546
82	0.54875	-0.54875	0.47546	-0.36571
83	0.46607	-0.46607	0.36571	-0.27250
84	0.38850	-0.38850	0.27250	-0.19480
85	0.31601	-0.31601	0.19480	-0.13160
86	0.24845	-0.24845	0.13160	-8.19062E-02
87	0.18565	-0.18565	8.19062E-02	-4.47772E-02
88	0.12736	-0.12736	4.47772E-02	-1.93062E-02
89	7.33095E-02	-7.33095E-02	1.93062E-02	-4.64353E-03
90	2.32177E-02	-2.32177E-02	4.64353E-03	1.62206E-12



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Exe Time : 8 June 2018 11:15:45  
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
CURRENT TIME IS 3.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	250.00	-1.15283E-03	-1.15283E-03	0.0000	0.0000	0.0000	0.0000	BORN NOW JUST ACTIVATED

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6578E+06 RIMNOR=0.2763E+06  
RENORM=0.5864E+05 REMNOR=0.3484E-21 RATIO =0.2986 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 143.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.6578E+06 RDR =0.2763E+06  
RATIOT=0.2986 RATOR= 0.000  
MAX UN= 35.65 IEQ= 95 NODE 48 DOF 1 Y-DISPL.F  
MIN UN=-45.83 IEQ= 127 NODE 64 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6578E+06 RIMNOR=0.2763E+06  
RENORM=0.6939E-02 REMNOR=0.2837E-18 RATIO =0.1027E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 143.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.6578E+06 RDR =0.2763E+06  
RATIOT=0.1027E-03 RATOR= 0.000  
MAX UN=0.1586E-08 IEQ= 159 NODE 80 DOF 1 Y-DISPL.F  
MIN UN=-.5312E-01 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6578E+06 RIMNOR=0.2763E+06  
RENORM=0.4283E-06 REMNOR=0.3197E-19 RATIO =0.8070E-06 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 241.5 RMMAX = 143.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.6578E+06 RDR =0.2763E+06  
RATIOT=0.8070E-06 RATOR= 0.000  
MAX UN=0.3824E-03 IEQ= 101 NODE 51 DOF 1 Y-DISPL.F  
MIN UN=-.1613E-03 IEQ= 179 NODE 90 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:15:45

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 4 ( AT TIME 4.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	-5.7097471E-05	4.3519450E-04
2	2.9943727E-05	4.3522897E-04
3	1.1700424E-04	4.3541521E-04
4	2.0413163E-04	4.3592877E-04
5	2.9141079E-04	4.3696803E-04
6	3.7896978E-04	4.3877127E-04
7	4.6698945E-04	4.4162680E-04
8	5.5571277E-04	4.4586645E-04
9	6.4545302E-04	4.5186088E-04
10	7.3660293E-04	4.6004246E-04
11	8.2964664E-04	4.7087358E-04
12	9.2515806E-04	4.8479013E-04
13	1.0237958E-03	5.0220273E-04
14	1.1262993E-03	5.2351761E-04
15	1.2334910E-03	5.4915528E-04
16	1.3462784E-03	5.7954804E-04
17	1.4651311E-03	6.0725368E-04
18	1.5885050E-03	6.2483641E-04
19	1.7144209E-03	6.3274814E-04
20	1.8409898E-03	6.3144299E-04
21	1.9664140E-03	6.2137619E-04
22	2.0889866E-03	6.0300365E-04
23	2.2070922E-03	5.7678214E-04
24	2.3192062E-03	5.4317026E-04
25	2.4238978E-03	5.0262902E-04
26	2.5198269E-03	4.5562470E-04
27	2.6057483E-03	4.0263048E-04
28	2.6805051E-03	3.4402567E-04
29	2.7430033E-03	2.8009666E-04
30	2.7922083E-03	2.1114077E-04
31	2.8271455E-03	1.3747308E-04
32	2.8469059E-03	5.9430505E-05
33	2.8506504E-03	-2.2622138E-05
34	2.8376163E-03	-1.0828607E-04
35	2.8071247E-03	-1.9712166E-04
36	2.7585887E-03	-2.8864352E-04
37	2.6915242E-03	-3.8231083E-04
38	2.6055614E-03	-4.7752192E-04
39	2.5004572E-03	-5.7360638E-04
40	2.3761111E-03	-6.6981710E-04
41	2.2325779E-03	-7.6532455E-04
42	2.0700896E-03	-8.5920634E-04
43	1.8890718E-03	-9.5044152E-04
44	1.6901645E-03	-1.0379050E-03
45	1.4742447E-03	-1.1203608E-03
46	1.2424455E-03	-1.1964529E-03
47	9.9618703E-04	-1.2646932E-03
48	7.3719997E-04	-1.3234567E-03
49	4.6755408E-04	-1.3709744E-03
50	1.8963619E-04	-1.4061233E-03
51	-9.4050760E-05	-1.4286257E-03
52	-3.8096335E-04	-1.4384532E-03
53	-6.6860694E-04	-1.4359901E-03
54	-9.5458605E-04	-1.4219270E-03
55	-1.2366532E-03	-1.3969957E-03
56	-1.5127113E-03	-1.3619692E-03
57	-1.7808223E-03	-1.3176645E-03
58	-2.0392162E-03	-1.2649454E-03
59	-2.2863006E-03	-1.2047272E-03
60	-2.5206718E-03	-1.1379811E-03
61	-2.7411267E-03	-1.0657410E-03
62	-2.9466755E-03	-9.8910917E-04
63	-3.1365562E-03	-9.0926390E-04
64	-3.3102509E-03	-8.2746684E-04
65	-3.4675022E-03	-7.4505912E-04
66	-3.6083183E-03	-6.6330738E-04
67	-3.7329394E-03	-5.8326899E-04
68	-3.8417981E-03	-5.0581379E-04
69	-3.9354839E-03	-4.3164383E-04
70	-4.0147114E-03	-3.6131105E-04
71	-4.0802920E-03	-2.9523353E-04
72	-4.1331085E-03	-2.3371012E-04

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73	-4.1740919E-03	-1.7692474E-04
74	-4.2042000E-03	-1.2496478E-04
75	-4.2244006E-03	-7.7846802E-05
76	-4.2356585E-03	-3.5525109E-05
77	-4.2389238E-03	2.1004811E-06
78	-4.2351216E-03	3.5177617E-05
79	-4.2251433E-03	6.3895160E-05
80	-4.2098392E-03	8.8477572E-05
81	-4.1900110E-03	1.0917992E-04
82	-4.1664071E-03	1.2628343E-04
83	-4.1397173E-03	1.4009161E-04
84	-4.1105687E-03	1.5092679E-04
85	-4.0795222E-03	1.5912717E-04
86	-4.0470700E-03	1.6504424E-04
87	-4.0136326E-03	1.6904056E-04
88	-3.9795571E-03	1.7148785E-04
89	-3.9451154E-03	1.7276535E-04
90	-3.9105015E-03	1.7325846E-04
91	-3.8758366E-03	1.7335740E-04





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33 D	6.602	-2.8507E-03	159.1 33.01 159.1	141.8	UL-RL 3.1422E+04 -6.400 0.000 1.000 1.000
33.01	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	7.293	-2.8376E-03	163.4 36.47 163.4	144.0	UL-RL 3.1422E+04 -6.600 0.000 1.000 1.000
36.47	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	8.093	-2.8071E-03	168.6 40.46 168.6	146.2	UL-RL 3.1422E+04 -6.800 0.000 1.000 1.000
40.46	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	9.005	-2.7586E-03	173.2 45.02 173.2	148.5	UL-RL 3.1422E+04 -7.000 0.000 1.000 1.000
45.02	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	10.03	-2.6915E-03	178.0 50.16 178.0	150.7	UL-RL 3.1422E+04 -7.200 0.000 1.000 1.000
50.16	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	11.18	-2.6056E-03	182.6 55.89 182.6	153.0	UL-RL 3.1422E+04 -7.400 0.000 1.000 1.000
55.89	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	12.44	-2.5005E-03	187.6 62.22 187.6	155.3	UL-RL 3.1422E+04 -7.600 0.000 1.000 1.000
62.22	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	13.83	-2.3761E-03	192.2 69.16 192.2	157.6	UL-RL 3.1422E+04 -7.800 0.000 1.000 1.000
69.16	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.34	-2.2326E-03	196.8 76.69 196.8	159.9	UL-RL 3.1422E+04 -8.000 0.000 1.000 1.000
76.69	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	16.96	-2.0701E-03	201.4 84.82 201.4	162.3	UL-RL 3.1422E+04 -8.200 0.000 1.000 1.000
84.82	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	18.63	-1.8891E-03	206.3 93.17 206.3	164.3	UL-RL 3.1422E+04 -8.400 0.000 1.000 1.000
93.17	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	20.46	-1.6902E-03	209.7 101.4 209.7	165.8	UL-RL 3.1422E+04 -8.600 0.9142 1.000 1.000
102.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	22.47	-1.4742E-03	212.9 109.6 212.9	166.7	UL-RL 3.1422E+04 -8.800 2.743 1.000 1.000
112.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	24.60	-1.2424E-03	215.8 118.4 215.8	167.7	UL-RL 3.1422E+04 -9.000 4.571 1.000 1.000
123.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	26.82	-9.9619E-04	219.0 127.7 219.0	168.8	UL-RL 3.1422E+04 -9.200 6.400 1.000 1.000
134.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	29.14	-7.3720E-04	221.5 137.5 221.5	170.0	UL-RL 3.1422E+04 -9.400 8.229 1.000 1.000
145.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	31.54	-4.6755E-04	224.6 147.7 224.6	171.3	UL-RL 3.1422E+04 -9.600 10.06 1.000 1.000
157.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	34.00	-1.8964E-04	227.4 158.1 227.4	172.6	UL-RL 3.1422E+04 -9.800 11.89 1.000 1.000
170.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	36.50	9.4051E-05	230.2 168.8 230.2	174.1	UL-RL 3.1422E+04 -10.00 13.71 1.000 1.000
182.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
52 D	39.03	3.8096E-04	233.0 179.6 233.0	179.6	V-C 1.6355E+04 -10.20 15.54 1.000 1.000
195.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
53 D	40.66	6.6861E-04	236.1 186.0 236.1	186.0	V-C 1.6355E+04 -10.40 17.37 1.000 1.000
203.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
54 D	42.30	9.5459E-04	238.6 192.3 238.6	192.3	V-C 1.6355E+04 -10.60 19.20 1.000 1.000
211.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
55 D	43.93	1.2367E-03	241.7 198.6 241.7	198.6	V-C 1.6355E+04 -10.80 21.03 1.000 1.000
219.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
56 D	45.54	1.5127E-03	244.4 204.9 244.4	204.9	V-C 1.6355E+04 -11.00 22.86 1.000 1.000
227.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
57 D	47.14	1.7808E-03	247.5 211.0 247.5	211.0	V-C 1.6355E+04 -11.20 24.69 1.000 1.000
235.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
58 D	48.71	2.0392E-03	249.9 217.0 249.9	217.0	V-C 1.6355E+04 -11.40 26.51 1.000 1.000
243.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
59 D	50.24	2.2863E-03	253.0 222.9 253.0	222.9	V-C 1.6355E+04 -11.60 28.34 1.000 1.000
251.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
60 D	51.74	2.5207E-03	255.7 228.5 255.7	228.5	V-C 1.6355E+04 -11.80 30.17 1.000 1.000
258.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
61 D	53.19	2.7411E-03	258.4 234.0 258.4	234.0	V-C 1.6355E+04 -12.00 32.00 1.000 1.000
266.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
62 D	54.60	2.9467E-03	261.2 239.2 261.2	239.2	V-C 1.6355E+04 -12.20 33.83 1.000 1.000
273.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
63 D	55.96	3.1366E-03	264.1 244.1 264.1	244.1	V-C 1.6355E+04 -12.40 35.66 1.000 1.000
279.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
64 D	57.26	3.3103E-03	266.6 248.8 266.6	248.8	V-C 1.6355E+04 -12.60 37.49 1.000 1.000
286.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
65 D	58.51	3.4675E-03	269.6 253.2 269.6	253.2	V-C 1.6355E+04 -12.80 39.31 1.000 1.000
292.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
66 D	59.71	3.6083E-03	272.3 257.4 272.3	257.4	V-C 1.6355E+04 -13.00 41.14 1.000 1.000
298.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
67 D	60.85	3.7329E-03	275.2 261.3 275.2	261.3	V-C 1.6355E+04 -13.20 42.97 1.000 1.000
304.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
68 D	61.95	3.8418E-03	277.7 264.9 277.7	264.9	V-C 1.6355E+04 -13.40 44.80 1.000 1.000
309.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
69 D	62.99	3.9355E-03	280.6 268.3 280.6	268.3	V-C 1.6355E+04 -13.60 46.63 1.000 1.000
314.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
70 D	63.99	4.0147E-03	283.3 271.5 283.3	271.5	V-C 1.6355E+04 -13.80 48.46 1.000 1.000
319.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
71 D	64.94	4.0803E-03	286.0 274.4 286.0	274.4	V-C 1.6355E+04 -14.00 50.29 1.000 1.000
324.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
72 D	65.29	4.1331E-03	288.3 274.4 288.3	274.4	V-C 1.6355E+04 -14.20 52.11 1.000 1.000
326.5	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	66.10	4.1741E-03	290.8 276.6 290.8	276.6	V-C 1.6355E+04 -14.40 53.94 1.000 1.000
330.5	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	66.87	4.2042E-03	292.9 278.6 292.9	278.6	V-C 1.6355E+04 -14.60 55.77 1.000 1.000
334.3	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	67.61	4.2244E-03	295.4 280.4 295.4	280.4	V-C 1.6355E+04 -14.80 57.60 1.000 1.000
338.0	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	68.31	4.2357E-03	297.7 282.1 297.7	282.1	V-C 1.6355E+04 -15.00 59.43 1.000 1.000
341.6	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	68.99	4.2389E-03	300.1 283.7 300.1	283.7	V-C 1.6355E+04 -15.20 61.26 1.000 1.000
345.0	0.000	0.000	Limosabbiosol_237_225_L_0		





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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:15:45

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
CURRENT TIME IS 4.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				

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33	0.000	--	--	--	REMOVED	--	-6.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-6.600	0.000	1.000	1.000
34	0.000	--	--	--	REMOVED	--	-6.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.000	0.000	1.000	1.000
35	0.000	--	--	--	REMOVED	--	-7.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.400	0.000	1.000	1.000
36	0.000	--	--	--	REMOVED	--	-7.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.800	0.000	1.000	1.000
37	0.000	--	--	--	REMOVED	--	-8.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.200	0.000	1.000	1.000
38	0.000	--	--	--	REMOVED	--	-8.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.600	0.000	1.000	1.000
39	0.000	--	--	--	REMOVED	--	-8.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.000	0.000	1.000	1.000
40	0.000	--	--	--	REMOVED	--	-9.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.400	0.000	1.000	1.000
41	0.000	--	--	--	REMOVED	--	2.140	125.8	114.1	152.3
0.000	0.000	0.000	not available	--	REMOVED	--	6.420	158.0	116.6	158.0
42	0.000	--	--	--	REMOVED	--	10.70	190.1	119.0	190.1
0.000	0.000	0.000	not available	--	REMOVED	--	12.97	246.1	121.4	249.0
43	0.000	--	--	--	REMOVED	--	15.24	255.2	123.9	264.8
0.000	0.000	0.000	not available	--	REMOVED	--	17.51	264.5	126.3	280.6
44	0.000	--	--	--	REMOVED	--	19.77	273.8	128.8	296.5
0.000	0.000	0.000	not available	--	REMOVED	--	22.04	283.3	131.2	312.3
45	0.000	--	--	--	REMOVED	--	24.31	292.9	133.6	328.1
0.000	0.000	0.000	not available	--	REMOVED	--	26.58	302.9	136.1	344.0
46	0.000	--	--	--	REMOVED	--	28.85	313.0	138.5	359.8
0.000	0.000	0.000	not available	--	REMOVED	--	31.12	323.5	141.0	375.6
47	0.000	--	--	--	REMOVED	--	33.39	334.3	143.4	391.5
0.000	0.000	0.000	not available	--	REMOVED	--	35.65	345.5	145.8	407.3
48	0.000	--	--	--	REMOVED	--	37.92	357.0	148.3	423.1
0.000	0.000	0.000	not available	--	REMOVED	--	40.19	367.0	150.7	437.1
49 D	25.15	4.6755E-04	2.140	125.8	114.1	152.3	42.46	353.6	153.2	427.3
125.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_				44.73	341.8	155.6	418.6
50 D	31.59	1.8964E-04	6.420	158.0	116.6	158.0	47.00	331.3	158.0	411.0
158.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_				49.27	322.1	160.5	404.2
51 D	38.03	-9.4051E-05	10.70	190.1	119.0	190.1	51.53	313.9	162.9	398.1
190.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_				53.80	306.7	165.4	392.7
52 D	49.65	-3.8096E-04	12.97	246.1	121.4	249.0	55.07	300.5	167.8	387.9
248.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				57.96	290.8	169.9	379.4
53 D	51.92	-6.6861E-04	15.24	255.2	123.9	264.8	59.85	286.7	171.9	376.2
259.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				61.74	283.1	174.0	373.3
54 D	54.20	-9.5459E-04	17.51	264.5	126.3	280.6	63.63	280.0	176.0	370.6
271.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				65.51	277.3	178.1	368.2
55 D	56.49	-1.2367E-03	19.77	273.8	128.8	296.5	67.40	275.1	180.2	366.0
282.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				69.89	266.7	171.9	363.4
259.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				71.74	255.2	174.0	360.6
56 D	58.83	-1.5127E-03	22.04	283.3	131.2	312.3	73.61	244.2	171.9	357.9
294.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				75.47	233.1	169.9	355.0
57 D	61.19	-1.7808E-03	24.31	292.9	133.6	328.1	77.32	222.0	167.8	352.1
306.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				79.17	210.9	165.4	349.2
58 D	63.61	-2.0392E-03	26.58	302.9	136.1	344.0	81.02	199.8	163.9	346.3
318.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				82.87	188.7	161.9	343.4
59 D	66.08	-2.2863E-03	28.85	313.0	138.5	359.8	84.72	177.6	159.9	340.5
330.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				86.57	166.5	157.8	337.6
60 D	68.61	-2.5207E-03	31.12	323.5	141.0	375.6	88.42	155.4	155.6	334.7
343.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				90.27	144.3	153.2	331.8
61 D	71.21	-2.7411E-03	33.39	334.3	143.4	391.5	92.12	133.2	151.2	328.9
356.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				93.97	122.1	149.1	326.0
62 D	73.87	-2.9467E-03	35.65	345.5	145.8	407.3	95.82	111.0	147.0	323.1
369.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				97.67	99.9	144.9	320.2
63 D	76.61	-3.1366E-03	37.92	357.0	148.3	423.1	99.52	88.8	142.8	317.3
383.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				101.37	77.7	140.7	314.4
64 D	79.05	-3.3103E-03	40.19	367.0	150.7	437.1	103.22	66.6	138.6	311.5
395.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				105.07	55.5	136.5	308.6
65 D	76.80	-3.4675E-03	42.46	353.6	153.2	427.3	106.92	44.4	134.4	305.7
384.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				108.77	33.3	132.3	302.8
66 D	74.87	-3.6083E-03	44.73	341.8	155.6	418.6	110.62	22.2	130.2	299.9
374.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				112.47	11.1	128.1	297.0
67 D	73.21	-3.7329E-03	47.00	331.3	158.0	411.0	114.32	0.0	126.0	294.1
366.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				116.17	-11.1	123.9	291.2
68 D	71.80	-3.8418E-03	49.27	322.1	160.5	404.2	118.02	-22.0	121.8	288.3
359.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				119.87	-32.9	119.7	285.4
69 D	70.60	-3.9355E-03	51.53	313.9	162.9	398.1	121.72	-43.8	117.6	282.5
353.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				123.57	-54.7	115.5	279.6
70 D	69.60	-4.0147E-03	53.80	306.7	165.4	392.7	125.42	-65.6	113.4	276.7
348.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				127.27	-76.5	111.3	273.8
71 D	68.78	-4.0803E-03	56.07	300.5	167.8	387.9	129.12	-87.4	109.2	270.9
343.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_				130.97	-98.3	107.1	268.0
72 D	67.27	-4.1331E-03	57.96	290.8	169.9	379.4	132.82	-109.2	105.0	265.1
336.4	0.000	0.000	Limosabbiosol_237_225_L_0				134.67	-120.1	102.9	262.2
73 D	66.89	-4.1741E-03	59.85	286.7	171.9	376.2	136.52	-131.0	100.8	259.3
334.4	0.000	0.000	Limosabbiosol_237_225_L_0				138.37	-141.9	98.7	256.4
74 D	66.61	-4.2042E-03	61.74	283.1	174.0	373.3	140.22	-152.8	96.6	253.5
333.0	0.000	0.000	Limosabbiosol_237_225_L_0				142.07	-163.7	94.5	250.6
75 D	66.42	-4.2244E-03	63.63	280.0	176.0	370.6	143.92	-174.6	92.4	247.7
332.1	0.000	0.000	Limosabbiosol_237_225_L_0				145.77	-185.5	90.3	244.8
76 D	66.33	-4.2357E-03	65.51	277.3	178.1	368.2	147.62	-196.4	88.2	241.9
331.6	0.000	0.000	Limosabbiosol_237_225_L_0				149.47	-207.3	86.1	239.0
77 D	66.31	-4.2389E-03	67.40	275.1	180.2	366.0	151.32	-218.2	84.0	236.1
331.5	0.000	0.000	Limosabbiosol_237_225_L_0				153.17	-229.1	81.9	233.2

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78 D	66.36	-4.2351E-03	69.29 273.2 182.2	363.9	UL-RL 2.2479E+04 -15.40 58.63 1.000 1.000
331.8	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	66.48	-4.2251E-03	71.18 271.6 184.3	362.1	UL-RL 2.2479E+04 -15.60 60.80 1.000 1.000
332.4	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	66.65	-4.2098E-03	73.07 270.3 186.3	360.4	UL-RL 2.2479E+04 -15.80 62.97 1.000 1.000
333.3	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	66.88	-4.1900E-03	74.96 269.3 188.4	358.9	UL-RL 2.2479E+04 -16.00 65.14 1.000 1.000
334.4	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	67.15	-4.1664E-03	76.85 268.5 190.5	357.5	UL-RL 2.2479E+04 -16.20 67.31 1.000 1.000
335.8	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	67.47	-4.1397E-03	78.73 267.9 192.5	356.3	UL-RL 2.2479E+04 -16.40 69.49 1.000 1.000
337.3	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	67.82	-4.1106E-03	80.62 267.4 194.6	355.2	UL-RL 2.2479E+04 -16.60 71.66 1.000 1.000
339.1	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	68.20	-4.0795E-03	82.51 267.2 196.6	354.2	UL-RL 2.2479E+04 -16.80 73.83 1.000 1.000
341.0	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	68.61	-4.0471E-03	84.40 267.1 198.7	353.3	UL-RL 2.2479E+04 -17.00 76.00 1.000 1.000
343.1	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	69.05	-4.0136E-03	86.29 267.1 200.8	352.5	UL-RL 2.2479E+04 -17.20 78.17 1.000 1.000
345.2	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	69.50	-3.9796E-03	88.18 267.2 202.8	351.8	UL-RL 2.2479E+04 -17.40 80.34 1.000 1.000
347.5	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	69.98	-3.9451E-03	90.07 267.4 204.9	351.2	UL-RL 2.2479E+04 -17.60 82.51 1.000 1.000
349.9	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	70.48	-3.9105E-03	91.95 267.7 206.9	350.7	UL-RL 2.2479E+04 -17.80 84.69 1.000 1.000
352.4	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	35.49	-3.8758E-03	93.84 268.1 209.0	350.3	UL-RL 2.2479E+04 -18.00 86.86 1.000 1.000
354.9	0.000	0.000	Limosabbiosol_237_225_L_0		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:15:45

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 4.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.0909	-1.0909	4.76064E-13	0.21819
2	3.7107	-3.7107	-0.21819	0.96034
3	6.6458	-6.6458	-0.96034	2.2895
4	9.9878	-9.9878	-2.2895	4.2870
5	14.185	-14.185	-4.2870	7.1240
6	19.110	-19.110	-7.1240	10.946
7	24.684	-24.684	-10.946	15.883
8	30.838	-30.838	-15.883	22.050
9	38.364	-38.364	-22.050	29.723
10	45.468	-45.468	-29.723	38.817
11	52.156	-52.156	-38.817	49.248
12	58.461	-58.461	-49.248	60.940
13	65.009	-65.009	-60.940	73.942
14	71.765	-71.765	-73.942	88.295
15	78.688	-78.688	-88.295	104.03
16	-163.71	163.71	-104.03	71.291
17	-156.58	156.58	-71.291	39.974
18	-149.41	149.41	-39.974	10.092
19	-142.21	142.21	-10.092	-18.351
20	-135.01	135.01	18.351	-45.352
21	-127.79	127.79	45.352	-70.910
22	-120.55	120.55	70.910	-95.021
23	-113.29	113.29	95.021	-117.68
24	-105.96	105.96	117.68	-138.87
25	-98.537	98.537	138.87	-158.58
26	-90.985	90.985	158.58	-176.77
27	-86.536	86.536	176.77	-194.08
28	-81.935	81.935	194.08	-210.47
29	-77.108	77.108	210.47	-225.89
30	-71.975	71.975	225.89	-240.28
31	-66.448	66.448	240.28	-253.57
32	-60.432	60.432	253.57	-265.66
33	-53.830	53.830	265.66	-276.43
34	-46.537	46.537	276.43	-285.73
35	-38.444	38.444	285.73	-293.42
36	-29.439	29.439	293.42	-299.31
37	-19.406	19.406	299.31	-303.19
38	-8.2274	8.2274	303.19	-304.84
39	4.2175	-4.2175	304.84	-303.99
40	18.049	-18.049	303.99	-300.38
41	33.388	-33.388	300.38	-293.71
42	50.352	-50.352	293.71	-283.64
43	68.985	-68.985	283.64	-269.84
44	89.447	-89.447	269.84	-251.95
45	111.92	-111.92	251.95	-229.57
46	136.51	-136.51	229.57	-202.26
47	163.34	-163.34	202.26	-169.60
48	192.48	-192.48	169.60	-131.10
49	198.87	-198.87	131.10	-91.326
50	201.28	-201.28	91.326	-51.070
51	199.75	-199.75	51.070	-11.120
52	189.14	-189.14	11.120	26.707
53	177.89	-177.89	-26.707	62.285
54	165.99	-165.99	-62.285	95.483
55	153.42	-153.42	-95.483	126.17
56	140.14	-140.14	-126.17	154.20
57	126.09	-126.09	-154.20	179.41
58	111.19	-111.19	-179.41	201.65
59	95.352	-95.352	-201.65	220.72
60	78.483	-78.483	-220.72	236.42
61	60.472	-60.472	-236.42	248.51
62	41.203	-41.203	-248.51	256.75
63	20.553	-20.553	-256.75	260.86
64	-1.2316	1.2316	-260.86	260.62
65	-19.524	19.524	-260.62	256.71
66	-34.687	34.687	-256.71	249.78
67	-47.047	47.047	-249.78	240.37
68	-56.899	56.899	-240.37	228.99

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69	-64.511	64.511	-228.99	216.08
70	-70.127	70.127	-216.08	202.06
71	-73.967	73.967	-202.06	187.27
72	-75.946	75.946	-187.27	172.08
73	-76.732	76.732	-172.08	156.73
74	-76.470	76.470	-156.73	141.44
75	-75.286	75.286	-141.44	126.38
76	-73.300	73.300	-126.38	111.72
77	-70.615	70.615	-111.72	97.596
78	-67.324	67.324	-97.596	84.131
79	-63.513	63.513	-84.131	71.428
80	-59.254	59.254	-71.428	59.578
81	-54.614	54.614	-59.578	48.655
82	-49.651	49.651	-48.655	38.724
83	-44.415	44.415	-38.724	29.841
84	-38.950	38.950	-29.841	22.051
85	-33.294	33.294	-22.051	15.392
86	-27.479	27.479	-15.392	9.8966
87	-21.533	21.533	-9.8966	5.5900
88	-15.479	15.479	-5.5900	2.4941
89	-9.3394	9.3394	-2.4941	0.62614
90	-3.1307	3.1307	-0.62614	8.85089E-12



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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:15:45  
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
CURRENT TIME IS 4.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	258.24	-1.15283E-03	8.47907E-04	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1913E+07 RIMNOR=0.5232E+07  
RENORM=0.4283E-06 REMNOR=0.3197E-19 RATIO =0.4732E-06 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 249.4 RMMAX = 304.8  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.1913E+07 RDR =0.5232E+07  
RATIOT=0.4732E-06 RATOR= 0.000  
MAX UN=0.3824E-03 IEQ= 101 NODE 51 DOF 1 Y-DISPL.F  
MIN UN=-.1613E-03 IEQ= 179 NODE 90 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1913E+07 RIMNOR=0.5232E+07  
RENORM=0.1386E-08 REMNOR=0.5098E-19 RATIO =0.2691E-07 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 249.4 RMMAX = 304.8  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.1913E+07 RDR =0.5232E+07  
RATIOT=0.2691E-07 RATOR= 0.000  
MAX UN=0.9752E-09 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1870E-04 IEQ= 165 NODE 83 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1913E+07 RIMNOR=0.5232E+07  
RENORM=0.2317E-11 REMNOR=0.3274E-19 RATIO =0.1100E-08 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 249.4 RMMAX = 304.8  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.1913E+07 RDR =0.5232E+07  
RATIOT=0.1100E-08 RATOR= 0.000  
MAX UN=0.1112E-08 IEQ= 137 NODE 69 DOF 1 Y-DISPL.F  
MIN UN=-.1518E-05 IEQ= 143 NODE 72 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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Exe Time : 8 June 2018 11:15:45

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 5 ( AT TIME 5.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04)

1	-5.7099115E-05	4.3519496E-04
2	2.9942176E-05	4.3522944E-04
3	1.1700278E-04	4.3541568E-04
4	2.0413027E-04	4.3592924E-04
5	2.9140952E-04	4.3696850E-04
6	3.7896860E-04	4.3877174E-04
7	4.6698837E-04	4.4162727E-04
8	5.5571178E-04	4.4586692E-04
9	6.4545212E-04	4.5186135E-04
10	7.3660213E-04	4.6004293E-04
11	8.2964593E-04	4.7087406E-04
12	9.2515745E-04	4.8479061E-04
13	1.0237952E-03	5.0220322E-04
14	1.1262989E-03	5.2351811E-04
15	1.2334907E-03	5.4915578E-04
16	1.3462782E-03	5.7954856E-04
17	1.4651310E-03	6.0725421E-04
18	1.5885050E-03	6.2483695E-04
19	1.7144210E-03	6.3274869E-04
20	1.8409901E-03	6.3144357E-04
21	1.9664143E-03	6.2137679E-04
22	2.0889871E-03	6.0300427E-04
23	2.2070928E-03	5.7678278E-04
24	2.3192069E-03	5.4317092E-04
25	2.4238986E-03	5.0262971E-04
26	2.5198279E-03	4.5562541E-04
27	2.6057494E-03	4.0263122E-04
28	2.6805064E-03	3.4402645E-04
29	2.7430048E-03	2.8009747E-04
30	2.7922099E-03	2.1114161E-04
31	2.8271473E-03	1.3747394E-04
32	2.8469078E-03	5.9431387E-05
33	2.8506525E-03	-2.2621235E-05
34	2.8376186E-03	-1.0828515E-04
35	2.8071272E-03	-1.9712072E-04
36	2.7585913E-03	-2.8864257E-04
37	2.6915271E-03	-3.8230989E-04
38	2.6055645E-03	-4.7752098E-04
39	2.5004605E-03	-5.7360545E-04
40	2.3761145E-03	-6.6981619E-04
41	2.2325815E-03	-7.6532368E-04
42	2.0700934E-03	-8.5920552E-04
43	1.8890757E-03	-9.5044075E-04
44	1.6901686E-03	-1.0379043E-03
45	1.4742490E-03	-1.1203602E-03
46	1.2424498E-03	-1.1964524E-03
47	9.9619144E-04	-1.2646929E-03
48	7.3720443E-04	-1.3234565E-03
49	4.6755856E-04	-1.3709744E-03
50	1.8964065E-04	-1.4061235E-03
51	-9.4046358E-05	-1.4286261E-03
52	-3.8095904E-04	-1.4384538E-03
53	-6.6860276E-04	-1.4359908E-03
54	-9.5458203E-04	-1.4219279E-03
55	-1.2366494E-03	-1.3969966E-03
56	-1.5127077E-03	-1.3619702E-03
57	-1.7808189E-03	-1.3176656E-03
58	-2.0392129E-03	-1.2649465E-03
59	-2.2862976E-03	-1.2047283E-03
60	-2.5206691E-03	-1.1379823E-03
61	-2.7411242E-03	-1.0657422E-03
62	-2.9466732E-03	-9.8911038E-04
63	-3.1365541E-03	-9.0926512E-04
64	-3.3102491E-03	-8.2746807E-04
65	-3.4675006E-03	-7.4506037E-04
66	-3.6083170E-03	-6.6330865E-04
67	-3.7329383E-03	-5.8327027E-04
68	-3.8417973E-03	-5.0581510E-04
69	-3.9354834E-03	-4.3164517E-04
70	-4.0147112E-03	-3.6131242E-04
71	-4.0802920E-03	-2.9523494E-04
72	-4.1331088E-03	-2.3371158E-04

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73	-4.1740925E-03	-1.7692625E-04
74	-4.2042010E-03	-1.2496635E-04
75	-4.2244019E-03	-7.7848434E-05
76	-4.2356601E-03	-3.5526809E-05
77	-4.2389257E-03	2.0987089E-06
78	-4.2351238E-03	3.5175770E-05
79	-4.2251460E-03	6.3893236E-05
80	-4.2098422E-03	8.8475570E-05
81	-4.1900144E-03	1.0917784E-04
82	-4.1664110E-03	1.2628128E-04
83	-4.1397216E-03	1.4008938E-04
84	-4.1105734E-03	1.5092449E-04
85	-4.0795275E-03	1.5912482E-04
86	-4.0470757E-03	1.6504184E-04
87	-4.0136388E-03	1.6903813E-04
88	-3.9795638E-03	1.7148539E-04
89	-3.9451226E-03	1.7276288E-04
90	-3.9105092E-03	1.7325598E-04
91	-3.8758448E-03	1.7335492E-04



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33 D	6.602	-2.8507E-03	159.1 33.01 159.1	141.8	UL-RL 3.1422E+04 -6.400 0.000 1.000 1.000
33.01	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	7.293	-2.8376E-03	163.4 36.47 163.4	144.0	UL-RL 3.1422E+04 -6.600 0.000 1.000 1.000
36.47	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	8.093	-2.8071E-03	168.6 40.46 168.6	146.2	UL-RL 3.1422E+04 -6.800 0.000 1.000 1.000
40.46	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	9.005	-2.7586E-03	173.2 45.02 173.2	148.5	UL-RL 3.1422E+04 -7.000 0.000 1.000 1.000
45.02	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	10.03	-2.6915E-03	178.0 50.16 178.0	150.7	UL-RL 3.1422E+04 -7.200 0.000 1.000 1.000
50.16	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	11.18	-2.6056E-03	182.6 55.89 182.6	153.0	UL-RL 3.1422E+04 -7.400 0.000 1.000 1.000
55.89	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	12.44	-2.5005E-03	187.6 62.22 187.6	155.3	UL-RL 3.1422E+04 -7.600 0.000 1.000 1.000
62.22	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	13.83	-2.3761E-03	192.2 69.16 192.2	157.6	UL-RL 3.1422E+04 -7.800 0.000 1.000 1.000
69.16	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.34	-2.2326E-03	196.8 76.69 196.8	159.9	UL-RL 3.1422E+04 -8.000 0.000 1.000 1.000
76.69	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	16.96	-2.0701E-03	201.4 84.82 201.4	162.3	UL-RL 3.1422E+04 -8.200 0.000 1.000 1.000
84.82	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	18.63	-1.8891E-03	206.3 93.17 206.3	164.3	UL-RL 3.1422E+04 -8.400 0.000 1.000 1.000
93.17	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	20.46	-1.6902E-03	209.7 101.4 209.7	165.8	UL-RL 3.1422E+04 -8.600 0.9142 1.000 1.000
102.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	22.47	-1.4742E-03	212.9 109.6 212.9	166.7	UL-RL 3.1422E+04 -8.800 2.743 1.000 1.000
112.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	24.60	-1.2424E-03	215.8 118.4 215.8	167.7	UL-RL 3.1422E+04 -9.000 4.571 1.000 1.000
123.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	26.82	-9.9619E-04	219.0 127.7 219.0	168.8	UL-RL 3.1422E+04 -9.200 6.400 1.000 1.000
134.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	29.14	-7.3720E-04	221.5 137.5 221.5	170.0	UL-RL 3.1422E+04 -9.400 8.229 1.000 1.000
145.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	31.54	-4.6756E-04	224.6 147.7 224.6	171.3	UL-RL 3.1422E+04 -9.600 10.06 1.000 1.000
157.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	34.00	-1.8964E-04	227.4 158.1 227.4	172.6	UL-RL 3.1422E+04 -9.800 11.89 1.000 1.000
170.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	36.50	9.4046E-05	230.2 168.8 230.2	174.1	UL-RL 3.1422E+04 -10.00 13.71 1.000 1.000
182.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
52 D	39.03	3.8096E-04	233.0 179.6 233.0	179.6	UL-RL 4.0888E+04 -10.20 15.54 1.000 1.000
195.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
53 D	40.66	6.6860E-04	236.1 186.0 236.1	186.0	UL-RL 4.0888E+04 -10.40 17.37 1.000 1.000
203.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
54 D	42.30	9.5458E-04	238.6 192.3 238.6	192.3	UL-RL 4.0888E+04 -10.60 19.20 1.000 1.000
211.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
55 D	43.93	1.2366E-03	241.7 198.6 241.7	198.6	UL-RL 4.0888E+04 -10.80 21.03 1.000 1.000
219.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
56 D	45.54	1.5127E-03	244.4 204.9 244.4	204.9	UL-RL 4.0888E+04 -11.00 22.86 1.000 1.000
227.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
57 D	47.14	1.7808E-03	247.5 211.0 247.5	211.0	UL-RL 4.0888E+04 -11.20 24.69 1.000 1.000
235.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
58 D	48.71	2.0392E-03	249.9 217.0 249.9	217.0	UL-RL 4.0888E+04 -11.40 26.51 1.000 1.000
243.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
59 D	50.24	2.2863E-03	253.0 222.9 253.0	222.9	UL-RL 4.0888E+04 -11.60 28.34 1.000 1.000
251.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
60 D	51.74	2.5207E-03	255.7 228.5 255.7	228.5	UL-RL 4.0888E+04 -11.80 30.17 1.000 1.000
258.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
61 D	53.19	2.7411E-03	258.4 234.0 258.4	234.0	UL-RL 4.0888E+04 -12.00 32.00 1.000 1.000
266.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
62 D	54.60	2.9467E-03	261.2 239.2 261.2	239.2	UL-RL 4.0888E+04 -12.20 33.83 1.000 1.000
273.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
63 D	55.96	3.1366E-03	264.1 244.1 264.1	244.1	UL-RL 4.0888E+04 -12.40 35.66 1.000 1.000
279.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
64 D	57.26	3.3102E-03	266.6 248.8 266.6	248.8	UL-RL 4.0888E+04 -12.60 37.49 1.000 1.000
286.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
65 D	58.51	3.4675E-03	269.6 253.2 269.6	253.2	UL-RL 4.0888E+04 -12.80 39.31 1.000 1.000
292.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
66 D	59.71	3.6083E-03	272.3 257.4 272.3	257.4	UL-RL 4.0888E+04 -13.00 41.14 1.000 1.000
298.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
67 D	60.85	3.7329E-03	275.2 261.3 275.2	261.3	UL-RL 4.0888E+04 -13.20 42.97 1.000 1.000
304.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
68 D	61.95	3.8418E-03	277.7 264.9 277.7	264.9	UL-RL 4.0888E+04 -13.40 44.80 1.000 1.000
309.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
69 D	62.99	3.9355E-03	280.6 268.3 280.6	268.3	UL-RL 4.0888E+04 -13.60 46.63 1.000 1.000
314.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
70 D	63.99	4.0147E-03	283.3 271.5 283.3	271.5	UL-RL 4.0888E+04 -13.80 48.46 1.000 1.000
319.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
71 D	64.94	4.0803E-03	286.0 274.4 286.0	274.4	V-C 1.6355E+04 -14.00 50.29 1.000 1.000
324.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
72 D	65.29	4.1331E-03	288.3 274.4 288.3	274.4	V-C 1.6355E+04 -14.20 52.11 1.000 1.000
326.5	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	66.10	4.1741E-03	290.8 276.6 290.8	276.6	V-C 1.6355E+04 -14.40 53.94 1.000 1.000
330.5	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	66.87	4.2042E-03	292.9 278.6 292.9	278.6	V-C 1.6355E+04 -14.60 55.77 1.000 1.000
334.3	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	67.61	4.2244E-03	295.4 280.4 295.4	280.4	V-C 1.6355E+04 -14.80 57.60 1.000 1.000
338.0	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	68.31	4.2357E-03	297.7 282.1 297.7	282.1	V-C 1.6355E+04 -15.00 59.43 1.000 1.000
341.6	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	68.99	4.2389E-03	300.1 283.7 300.1	283.7	V-C 1.6355E+04 -15.20 61.26 1.000 1.000
345.0	0.000	0.000	Limosabbiosol_237_225_L_0		





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New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
CURRENT TIME IS 5.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



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78 D	66.36	-4.2351E-03	69.29 273.2 182.2	363.9	UL-RL 2.2479E+04 -15.40 58.63 1.000 1.000
331.8	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	66.48	-4.2251E-03	71.18 271.6 184.3	362.1	UL-RL 2.2479E+04 -15.60 60.80 1.000 1.000
332.4	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	66.65	-4.2098E-03	73.07 270.3 186.3	360.4	UL-RL 2.2479E+04 -15.80 62.97 1.000 1.000
333.3	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	66.88	-4.1900E-03	74.96 269.3 188.4	358.9	UL-RL 2.2479E+04 -16.00 65.14 1.000 1.000
334.4	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	67.15	-4.1664E-03	76.85 268.5 190.5	357.5	UL-RL 2.2479E+04 -16.20 67.31 1.000 1.000
335.8	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	67.47	-4.1397E-03	78.73 267.9 192.5	356.3	UL-RL 2.2479E+04 -16.40 69.49 1.000 1.000
337.3	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	67.82	-4.1106E-03	80.62 267.4 194.6	355.2	UL-RL 2.2479E+04 -16.60 71.66 1.000 1.000
339.1	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	68.20	-4.0795E-03	82.51 267.2 196.6	354.2	UL-RL 2.2479E+04 -16.80 73.83 1.000 1.000
341.0	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	68.61	-4.0471E-03	84.40 267.1 198.7	353.3	UL-RL 2.2479E+04 -17.00 76.00 1.000 1.000
343.1	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	69.05	-4.0136E-03	86.29 267.1 200.8	352.5	UL-RL 2.2479E+04 -17.20 78.17 1.000 1.000
345.2	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	69.50	-3.9796E-03	88.18 267.2 202.8	351.8	UL-RL 2.2479E+04 -17.40 80.34 1.000 1.000
347.5	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	69.98	-3.9451E-03	90.07 267.4 204.9	351.2	UL-RL 2.2479E+04 -17.60 82.51 1.000 1.000
349.9	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	70.48	-3.9105E-03	91.95 267.7 206.9	350.7	UL-RL 2.2479E+04 -17.80 84.69 1.000 1.000
352.4	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	35.49	-3.8758E-03	93.84 268.1 209.0	350.3	UL-RL 2.2479E+04 -18.00 86.86 1.000 1.000
354.9	0.000	0.000	Limosabbiosol_237_225_L_0		



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STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 5.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.0909	-1.0909	-4.24423E-13	0.21819
2	3.7107	-3.7107	-0.21819	0.96034
3	6.6458	-6.6458	-0.96034	2.2895
4	9.9878	-9.9878	-2.2895	4.2870
5	14.185	-14.185	-4.2870	7.1240
6	19.110	-19.110	-7.1240	10.946
7	24.684	-24.684	-10.946	15.883
8	30.838	-30.838	-15.883	22.050
9	38.364	-38.364	-22.050	29.723
10	45.468	-45.468	-29.723	38.817
11	52.156	-52.156	-38.817	49.248
12	58.461	-58.461	-49.248	60.940
13	65.009	-65.009	-60.940	73.942
14	71.765	-71.765	-73.942	88.295
15	78.688	-78.688	-88.295	104.03
16	-163.71	163.71	-104.03	71.291
17	-156.58	156.58	-71.291	39.974
18	-149.41	149.41	-39.974	10.092
19	-142.21	142.21	-10.092	-18.351
20	-135.01	135.01	18.351	-45.352
21	-127.79	127.79	45.352	-70.910
22	-120.55	120.55	70.910	-95.021
23	-113.29	113.29	95.021	-117.68
24	-105.96	105.96	117.68	-138.87
25	-98.537	98.537	138.87	-158.58
26	-90.985	90.985	158.58	-176.77
27	-86.536	86.536	176.77	-194.08
28	-81.935	81.935	194.08	-210.47
29	-77.108	77.108	210.47	-225.89
30	-71.975	71.975	225.89	-240.28
31	-66.448	66.448	240.28	-253.57
32	-60.432	60.432	253.57	-265.66
33	-53.830	53.830	265.66	-276.43
34	-46.537	46.537	276.43	-285.73
35	-38.444	38.444	285.73	-293.42
36	-29.439	29.439	293.42	-299.31
37	-19.406	19.406	299.31	-303.19
38	-8.2276	8.2276	303.19	-304.84
39	4.2174	-4.2174	304.84	-303.99
40	18.049	-18.049	303.99	-300.38
41	33.387	-33.387	300.38	-293.71
42	50.352	-50.352	293.71	-283.64
43	68.985	-68.985	283.64	-269.84
44	89.447	-89.447	269.84	-251.95
45	111.92	-111.92	251.95	-229.57
46	136.51	-136.51	229.57	-202.26
47	163.34	-163.34	202.26	-169.60
48	192.48	-192.48	169.60	-131.10
49	198.87	-198.87	131.10	-91.327
50	201.28	-201.28	91.327	-51.071
51	199.75	-199.75	51.071	-11.121
52	189.14	-189.14	11.121	26.707
53	177.89	-177.89	-26.707	62.284
54	165.99	-165.99	-62.284	95.482
55	153.42	-153.42	-95.482	126.17
56	140.14	-140.14	-126.17	154.20
57	126.09	-126.09	-154.20	179.41
58	111.19	-111.19	-179.41	201.65
59	95.352	-95.352	-201.65	220.72
60	78.483	-78.483	-220.72	236.42
61	60.472	-60.472	-236.42	248.51
62	41.203	-41.203	-248.51	256.75
63	20.553	-20.553	-256.75	260.86
64	-1.2316	1.2316	-260.86	260.62
65	-19.524	19.524	-260.62	256.71
66	-34.687	34.687	-256.71	249.78
67	-47.047	47.047	-249.78	240.37
68	-56.899	56.899	-240.37	228.99

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69	-64.511	64.511	-228.99	216.08
70	-70.127	70.127	-216.08	202.06
71	-73.967	73.967	-202.06	187.27
72	-75.946	75.946	-187.27	172.08
73	-76.732	76.732	-172.08	156.73
74	-76.470	76.470	-156.73	141.44
75	-75.286	75.286	-141.44	126.38
76	-73.300	73.300	-126.38	111.72
77	-70.615	70.615	-111.72	97.596
78	-67.324	67.324	-97.596	84.131
79	-63.513	63.513	-84.131	71.428
80	-59.254	59.254	-71.428	59.577
81	-54.614	54.614	-59.577	48.654
82	-49.651	49.651	-48.654	38.724
83	-44.415	44.415	-38.724	29.841
84	-38.950	38.950	-29.841	22.051
85	-33.294	33.294	-22.051	15.392
86	-27.479	27.479	-15.392	9.8965
87	-21.533	21.533	-9.8965	5.5900
88	-15.479	15.479	-5.5900	2.4941
89	-9.3393	9.3393	-2.4941	0.62613
90	-3.1306	3.1306	-0.62613	5.46476E-11

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S T R E S S R E S U L T S F O R G R O U P N O . 4

Tieback\_652

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
C U R R E N T T I M E I S 5.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	258.24	-1.15283E-03	8.47907E-04	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	4
4	CONVERGENCE :YES	3
5	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.39 [sec]

DATABASE CREATION CPU TIME..... 0.19 [sec]

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Cepav due



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### Design Assumption : A1+M1+R1 (R3 per tiranti) - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:45

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*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) ..... 91  
NO. OF COORDINATES (NCOORD)..... 2  
NO. OF NODE DOFS (NDOF)..... 2  
NO. OF EQUATIONS (NEQ)..... 182  
NO. OF CONSTRAINTS CARDS (NVINC)..... 0  
NO. OF ELEMENT GROUPS (NEG)..... 4  
NO. OF SOLUTION STEPS (NSTE)..... 5  
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ... 0  
NO. OF RECORD FROM WALGEN ..... 502  
NO. OF LONG NAMES (LASTNAME) ..... 24  
LENGTH UNIT CHOICE ..... 3 ( M )  
FORCE UNIT CHOICE ..... 3 ( KN )  
MAX PORE PRESSURE TABLE LENGTH..... 1  
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF . 0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES kPa  
Y-DISPLACEMENTS m  
ROTATIONS RADIANS  
BEAM AND SLAB MOMENTS kN\*m/m  
BEAM SHEAR FORCES kN/m  
ANCHOR FORCES kN/m  
AXIAL FORCES IN TRUSSES kN/m  
AXIAL FORCES SPRINGS kN/m  
Y-REACTIONS kN/m  
X-MOMENT REACTIONS kN\*m/m  
ETC.

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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 502

1 : UNIT m kN  
2 : TITLE New Project  
3 : DELTA 0.2  
4 : option param itemax 40  
5 : option control hinges 0 0.0001 0.001  
6 : WALL LeftWall\_32 0 -18 0 1  
7 : SOIL 0\_L LeftWall\_32 -18 0 1 0  
8 : SOIL 0\_R LeftWall\_32 -18 0 2 180  
9 : LDATA Riporto\_2\_8\_L\_0 4 LeftWall\_32  
10 : ATREST 0.5 1 1  
11 : WEIGHT 16.8 8.3 10  
12 : PERMEABILITY 0.0001  
13 : RESISTANCE 5 23 0 0 0  
14 : YOUNG 2E+04 3.2E+04  
15 : ENDL  
16 : LDATA sabbialimosoghiaiosal\_234\_219\_L\_0 -1.5 LeftWall\_32  
17 : ATREST 0.76 2 1  
18 : WEIGHT 20.9 11.8 10  
19 : PERMEABILITY 1E-05  
20 : RESISTANCE 10 37 0 0 0  
21 : YOUNG 6E+04 1.5E+05  
22 : ENDL  
23 : LDATA Sabbialimosoghiaiosa2\_235\_220\_L\_0 -5 LeftWall\_32  
24 : ATREST 0.76 2 1  
25 : WEIGHT 21.4 12.2 10  
26 : PERMEABILITY 1E-05  
27 : RESISTANCE 20 37 0 0 0  
28 : YOUNG 7.5E+04 1.88E+05  
29 : ENDL  
30 : LDATA sabbialimosoghiaiosa3\_236\_221\_L\_0 -10 LeftWall\_32  
31 : ATREST 0.76 2 1  
32 : WEIGHT 21.4 12.2 10  
33 : PERMEABILITY 1E-05  
34 : RESISTANCE 30 36 0 0 0  
35 : YOUNG 1E+05 2.5E+05  
36 : ENDL  
37 : LDATA Limosabbiosol\_237\_225\_L\_0 -14 LeftWall\_32  
38 : ATREST 0.75 2 1  
39 : WEIGHT 19.2 10.3 10  
40 : PERMEABILITY 1E-05  
41 : RESISTANCE 30 36 0 0 0  
42 : YOUNG 1E+05 2.5E+05  
43 : ENDL  
44 : MATERIAL Fe360\_108 2.06E+08  
45 : MATERIAL C2530\_104 3.148E+07  
46 : MATERIAL acciaioarmonico\_124 2.001E+08  
47 : MATERIAL C2025\_103 2.996E+07  
48 : BEAM WallElement\_33 LeftWall\_32 -18 0 C2530\_104 0.6225 00 00 0  
49 : WIRE Tieback\_652 LeftWall\_32 -3 acciaioarmonico\_124 2.059E-05 250 15 0 0  
50 : STRIP LeftWall\_32 1 5 1.5 28.5 0 23.08 45  
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56 : STRIP LeftWall\_32 1 1 2 0.4 0 18.48 45  
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59 : STRIP LeftWall\_32 1 1 3.2 0.4 0 28.56 45  
60 : STRIP LeftWall\_32 1 1 3.6 0.4 0 31.92 45  
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77 : STRIP LeftWall\_32 1 1 10.4 0.4 0 50.4 45

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 355 : STRIP LeftWall\_32 5 5 1.6 0.4 0 15.12 45  
 356 : STRIP LeftWall\_32 5 5 2 0.4 0 18.48 45  
 357 : STRIP LeftWall\_32 5 5 2.4 0.4 0 21.84 45  
 358 : STRIP LeftWall\_32 5 5 2.8 0.4 0 25.2 45  
 359 : STRIP LeftWall\_32 5 5 3.2 0.4 0 28.56 45  
 360 : STRIP LeftWall\_32 5 5 3.6 0.4 0 31.92 45  
 361 : STRIP LeftWall\_32 5 5 4 0.4 0 35.28 45  
 362 : STRIP LeftWall\_32 5 5 4.4 0.4 0 38.64 45  
 363 : STRIP LeftWall\_32 5 5 4.8 0.4 0 42 45  
 364 : STRIP LeftWall\_32 5 5 5.2 0.4 0 45.36 45  
 365 : STRIP LeftWall\_32 5 5 5.6 0.4 0 48.72 45  
 366 : STRIP LeftWall\_32 5 5 6 0.4 0 50.4 45  
 367 : STRIP LeftWall\_32 5 5 6.4 0.4 0 50.4 45  
 368 : STRIP LeftWall\_32 5 5 6.8 0.4 0 50.4 45  
 369 : STRIP LeftWall\_32 5 5 7.2 0.4 0 50.4 45  
 370 : STRIP LeftWall\_32 5 5 7.6 0.4 0 50.4 45  
 371 : STRIP LeftWall\_32 5 5 8 0.4 0 50.4 45  
 372 : STRIP LeftWall\_32 5 5 8.4 0.4 0 50.4 45  
 373 : STRIP LeftWall\_32 5 5 8.8 0.4 0 50.4 45  
 374 : STRIP LeftWall\_32 5 5 9.2 0.4 0 50.4 45  
 375 : STRIP LeftWall\_32 5 5 9.6 0.4 0 50.4 45  
 376 : STRIP LeftWall\_32 5 5 10 0.4 0 50.4 45  
 377 : STRIP LeftWall\_32 5 5 10.4 0.4 0 50.4 45  
 378 : STRIP LeftWall\_32 5 5 10.8 0.4 0 50.4 45  
 379 : STRIP LeftWall\_32 5 5 11.2 0.4 0 50.4 45  
 380 : STRIP LeftWall\_32 5 5 11.6 0.4 0 50.4 45  
 381 : STRIP LeftWall\_32 5 5 12 0.4 0 50.4 45  
 382 : STRIP LeftWall\_32 5 5 12.4 0.4 0 50.4 45  
 383 : STRIP LeftWall\_32 5 5 12.8 0.4 0 50.4 45  
 384 : STRIP LeftWall\_32 5 5 13.2 0.4 0 50.4 45  
 385 : STRIP LeftWall\_32 5 5 13.6 0.4 0 50.4 45  
 386 : STRIP LeftWall\_32 5 5 14 0.4 0 50.4 45  
 387 : STRIP LeftWall\_32 5 5 14.4 0.4 0 50.4 45  
 388 : STRIP LeftWall\_32 5 5 14.8 0.4 0 50.4 45  
 389 : STRIP LeftWall\_32 5 5 15.2 0.4 0 50.4 45  
 390 : STRIP LeftWall\_32 5 5 15.6 0.4 0 50.4 45  
 391 : STRIP LeftWall\_32 5 5 16 0.4 0 50.4 45  
 392 : STRIP LeftWall\_32 5 5 16.4 0.4 0 50.4 45  
 393 : STRIP LeftWall\_32 5 5 16.8 0.4 0 50.4 45  
 394 : STRIP LeftWall\_32 5 5 17.2 0.4 0 50.4 45  
 395 : STRIP LeftWall\_32 5 5 17.6 0.4 0 50.4 45  
 396 : STRIP LeftWall\_32 5 5 18 0.4 0 50.4 45  
 397 : STRIP LeftWall\_32 5 5 18.4 0.4 0 50.4 45  
 398 : STRIP LeftWall\_32 5 5 18.8 0.4 0 50.4 45  
 399 : STRIP LeftWall\_32 5 5 19.2 0.4 0 50.4 45  
 400 : STRIP LeftWall\_32 5 5 19.6 0.4 0 50.4 45  
 401 : STRIP LeftWall\_32 5 5 20 0.4 0 50.4 45  
 402 : STRIP LeftWall\_32 5 5 20.4 0.4 0 50.4 45  
 403 : STRIP LeftWall\_32 5 5 20.8 0.4 0 50.4 45  
 404 : STRIP LeftWall\_32 5 5 21.2 0.4 0 50.4 45  
 405 : STRIP LeftWall\_32 5 5 21.6 0.4 0 50.4 45  
 406 : STRIP LeftWall\_32 5 5 22 0.4 0 50.4 45  
 407 : STRIP LeftWall\_32 5 5 22.4 0.4 0 50.4 45  
 408 : STRIP LeftWall\_32 5 5 22.8 0.4 0 50.4 45  
 409 : STRIP LeftWall\_32 5 5 23.2 0.4 0 50.4 45  
 410 : STRIP LeftWall\_32 5 5 23.6 0.4 0 50.4 45  
 411 : STRIP LeftWall\_32 5 5 24 0.4 0 50.4 45  
 412 : STRIP LeftWall\_32 5 5 24.4 0.4 0 50.4 45  
 413 : STRIP LeftWall\_32 5 5 24.8 0.4 0 50.4 45  
 414 : STRIP LeftWall\_32 5 5 25.2 0.4 0 50.4 45  
 415 : STRIP LeftWall\_32 5 5 25.6 0.4 0 50.4 45  
 416 : STRIP LeftWall\_32 5 5 26 0.4 0 50.4 45  
 417 : STRIP LeftWall\_32 5 5 26.4 0.4 0 50.4 45  
 418 : STRIP LeftWall\_32 5 5 26.8 0.4 0 50.4 45  
 419 : STRIP LeftWall\_32 5 5 27.2 0.4 0 50.4 45  
 420 : STRIP LeftWall\_32 5 5 27.6 0.4 0 50.4 45  
 421 : STRIP LeftWall\_32 5 5 28 0.4 0 50.4 45  
 422 : STRIP LeftWall\_32 5 5 28.4 0.4 0 50.4 45  
 423 : STRIP LeftWall\_32 5 5 28.8 0.4 0 50.4 45  
 424 : STRIP LeftWall\_32 5 5 29.2 0.4 0 50.4 45  
 425 : STRIP LeftWall\_32 5 5 29.6 0.4 0 50.4 45  
 426 : STEP Stage1\_31  
 427 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 428 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 429 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 430 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 431 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 432 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 433 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 434 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 435 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 436 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 437 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32

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438 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
 439 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
 440 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
 441 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
 442 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
 443 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
 444 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
 445 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-FRICT=36 LeftWall\_32  
 446 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-FRICT=36 LeftWall\_32  
 447 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KA=0.215 LeftWall\_32  
 448 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KP=6.978 LeftWall\_32  
 449 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KA=0.215 LeftWall\_32  
 450 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KP=6.978 LeftWall\_32  
 451 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-FRICT=36 LeftWall\_32  
 452 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-FRICT=36 LeftWall\_32  
 453 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KA=0.215 LeftWall\_32  
 454 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KP=6.978 LeftWall\_32  
 455 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KA=0.215 LeftWall\_32  
 456 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KP=6.978 LeftWall\_32  
 457 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
 458 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 459 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
 460 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 461 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
 462 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 463 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
 464 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 465 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
 466 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 467 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
 468 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 469 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
 470 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
 471 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
 472 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
 473 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-COHE=30 LeftWall\_32  
 474 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-ADHES=0 LeftWall\_32  
 475 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-COHE=30 LeftWall\_32  
 476 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-ADHES=0 LeftWall\_32  
 477 : SETWALL LeftWall\_32  
 478 : GEOM 0 0  
 479 : WATER -0.5 0 -18 0 0  
 480 : ADD WallElement\_33  
 481 : ENDSTEP  
 482 : STEP Stage2\_240  
 483 : SETWALL LeftWall\_32  
 484 : GEOM 0 -3.5  
 485 : WATER -2.5 1.5 -18 0 0  
 486 : ENDSTEP  
 487 : STEP Stage3\_343  
 488 : SETWALL LeftWall\_32  
 489 : GEOM 0 -3.5  
 490 : WATER -2.5 1.5 -18 0 0  
 491 : ADD Tieback\_652  
 492 : ENDSTEP  
 493 : STEP Stage4\_446  
 494 : SETWALL LeftWall\_32  
 495 : GEOM 0 -9.5  
 496 : WATER -8.5 1.5 -18 0 0  
 497 : ENDSTEP  
 498 : STEP Stage5\_549  
 499 : SETWALL LeftWall\_32  
 500 : GEOM 0 -9.5  
 501 : WATER -8.5 1.5 -18 0 0  
 502 : ENDSTEP

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:45

N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.0000	/	52	0.0000	-10.2000	/
53	0.0000	-10.400	/	54	0.0000	-10.600	/	55	0.0000	-10.800	/	56	0.0000	-11.000	/
57	0.0000	-11.200	/	58	0.0000	-11.400	/	59	0.0000	-11.600	/	60	0.0000	-11.800	/
61	0.0000	-12.000	/	62	0.0000	-12.200	/	63	0.0000	-12.400	/	64	0.0000	-12.600	/
65	0.0000	-12.800	/	66	0.0000	-13.000	/	67	0.0000	-13.200	/	68	0.0000	-13.400	/
69	0.0000	-13.600	/	70	0.0000	-13.800	/	71	0.0000	-14.000	/	72	0.0000	-14.200	/
73	0.0000	-14.400	/	74	0.0000	-14.600	/	75	0.0000	-14.800	/	76	0.0000	-15.000	/
77	0.0000	-15.200	/	78	0.0000	-15.400	/	79	0.0000	-15.600	/	80	0.0000	-15.800	/
81	0.0000	-16.000	/	82	0.0000	-16.200	/	83	0.0000	-16.400	/	84	0.0000	-16.600	/
85	0.0000	-16.800	/	86	0.0000	-17.000	/	87	0.0000	-17.200	/	88	0.0000	-17.400	/
89	0.0000	-17.600	/	90	0.0000	-17.800	/	91	0.0000	-18.000	/				

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                NewProject.BaseDesignSection_28.A1M1R1R3pertiranti_3775
                Exe Time : 8 June 2018          11:15:45
-----
    
```

```

ELEMENT GROUP NO.  1

0_L
  5  91  0  1  0  0  0  0  0  0  0  0  0  0  0  0  5  0  0  0  0
.....
.....2D PLASTIC SOIL .....
.....
    
```

element group behaviour throughout stage analysis

```

stage  status
-----
  1    active
  2    active
  3    active
  4    active
  5    active
    
```

```

material set no.  1

prop( 1) angle          0.00000
prop( 2) layer as foreseen 1.00000
    
```

```

material set no.  2

prop( 1) angle          0.00000
prop( 2) layer as foreseen 2.00000
    
```

```

material set no.  3

prop( 1) angle          0.00000
prop( 2) layer as foreseen 3.00000
    
```

```

material set no.  4

prop( 1) angle          0.00000
prop( 2) layer as foreseen 4.00000
    
```

```

material set no.  5

prop( 1) angle          0.00000
prop( 2) layer as foreseen 5.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000

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29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.2000	0.000	0.000	0.000	1.000
72	72	5	0.2000	0.000	0.000	0.000	1.000
73	73	5	0.2000	0.000	0.000	0.000	1.000
74	74	5	0.2000	0.000	0.000	0.000	1.000
75	75	5	0.2000	0.000	0.000	0.000	1.000
76	76	5	0.2000	0.000	0.000	0.000	1.000
77	77	5	0.2000	0.000	0.000	0.000	1.000
78	78	5	0.2000	0.000	0.000	0.000	1.000
79	79	5	0.2000	0.000	0.000	0.000	1.000
80	80	5	0.2000	0.000	0.000	0.000	1.000
81	81	5	0.2000	0.000	0.000	0.000	1.000
82	82	5	0.2000	0.000	0.000	0.000	1.000
83	83	5	0.2000	0.000	0.000	0.000	1.000
84	84	5	0.2000	0.000	0.000	0.000	1.000
85	85	5	0.2000	0.000	0.000	0.000	1.000
86	86	5	0.2000	0.000	0.000	0.000	1.000
87	87	5	0.2000	0.000	0.000	0.000	1.000
88	88	5	0.2000	0.000	0.000	0.000	1.000
89	89	5	0.2000	0.000	0.000	0.000	1.000
90	90	5	0.2000	0.000	0.000	0.000	1.000
91	91	5	0.1000	0.000	0.000	0.000	1.000

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ELEMENT GROUP NO. 2

0\_R  
5 91 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active  
4 active  
5 active

material set no. 1  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

material set no. 4  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 4.00000

material set no. 5  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 5.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000



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29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.2000	0.000	0.000	0.000	2.000
72	72	5	0.2000	0.000	0.000	0.000	2.000
73	73	5	0.2000	0.000	0.000	0.000	2.000
74	74	5	0.2000	0.000	0.000	0.000	2.000
75	75	5	0.2000	0.000	0.000	0.000	2.000
76	76	5	0.2000	0.000	0.000	0.000	2.000
77	77	5	0.2000	0.000	0.000	0.000	2.000
78	78	5	0.2000	0.000	0.000	0.000	2.000
79	79	5	0.2000	0.000	0.000	0.000	2.000
80	80	5	0.2000	0.000	0.000	0.000	2.000
81	81	5	0.2000	0.000	0.000	0.000	2.000
82	82	5	0.2000	0.000	0.000	0.000	2.000
83	83	5	0.2000	0.000	0.000	0.000	2.000
84	84	5	0.2000	0.000	0.000	0.000	2.000
85	85	5	0.2000	0.000	0.000	0.000	2.000
86	86	5	0.2000	0.000	0.000	0.000	2.000
87	87	5	0.2000	0.000	0.000	0.000	2.000
88	88	5	0.2000	0.000	0.000	0.000	2.000
89	89	5	0.2000	0.000	0.000	0.000	2.000
90	90	5	0.2000	0.000	0.000	0.000	2.000
91	91	5	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33 :  
2 90 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active  
4 active  
5 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future .....0.294300E-43

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000  
4 1.000  
5 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000

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42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000
46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000
71	71	72	1	0.000	0.000	0.6225	0.000	0.000
72	72	73	1	0.000	0.000	0.6225	0.000	0.000
73	73	74	1	0.000	0.000	0.6225	0.000	0.000
74	74	75	1	0.000	0.000	0.6225	0.000	0.000
75	75	76	1	0.000	0.000	0.6225	0.000	0.000
76	76	77	1	0.000	0.000	0.6225	0.000	0.000
77	77	78	1	0.000	0.000	0.6225	0.000	0.000
78	78	79	1	0.000	0.000	0.6225	0.000	0.000
79	79	80	1	0.000	0.000	0.6225	0.000	0.000
80	80	81	1	0.000	0.000	0.6225	0.000	0.000
81	81	82	1	0.000	0.000	0.6225	0.000	0.000
82	82	83	1	0.000	0.000	0.6225	0.000	0.000
83	83	84	1	0.000	0.000	0.6225	0.000	0.000
84	84	85	1	0.000	0.000	0.6225	0.000	0.000
85	85	86	1	0.000	0.000	0.6225	0.000	0.000
86	86	87	1	0.000	0.000	0.6225	0.000	0.000
87	87	88	1	0.000	0.000	0.6225	0.000	0.000
88	88	89	1	0.000	0.000	0.6225	0.000	0.000
89	89	90	1	0.000	0.000	0.6225	0.000	0.000
90	90	91	1	0.000	0.000	0.6225	0.000	0.000

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ELEMENT GROUP NO. 4

Tieback\_652

6 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0

.....2D POST-TENSION ANCHOR.....

element group behaviour throughout stage analysis

stage status

1 inactive  
2 inactive  
3 active  
4 active  
5 active

material set no. 1

prop( 1) angle 15.0000  
prop( 2) young modulus 0.200100E+09  
prop( 3) modification time 0.00000  
prop( 4) new young modulus 0.00000

no. of step variable items: 2

step	-ve lim	+ve lim
1	0.000	0.000
2	0.000	0.000
3	0.000	0.000
4	0.000	0.000
5	0.000	0.000

element data

el	n	mat	a/l	pinit	yieldc	yieldt
1	16	1	0.2059E-04	250.0	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 10  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
3.80000	0.0000E+00
4.00000	0.1000E+01
4.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
4.80000	0.0000E+00
5.00000	0.1000E+01
5.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
6.00000	0.1000E+01

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LOAD FUNCTION NUMBER = 7  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000    0.0000E+00  
1.80000    0.0000E+00  
2.00000    0.1000E+01  
6.00000    0.1000E+01

LOAD FUNCTION NUMBER = 8  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000    0.0000E+00  
2.80000    0.0000E+00  
3.00000    0.1000E+01  
6.00000    0.1000E+01

LOAD FUNCTION NUMBER = 9  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000    0.0000E+00  
3.80000    0.0000E+00  
4.00000    0.1000E+01  
6.00000    0.1000E+01

LOAD FUNCTION NUMBER = 10  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000    0.0000E+00  
4.80000    0.0000E+00  
5.00000    0.1000E+01  
6.00000    0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS      0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	4	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	4	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	5	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	5	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

Exe Time : 8 June 2018 11:15:45

NO. OF LAYERS ..... 5  
NO. OF DATA PER LAYER..... 100

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

Exe Time : 8 June 2018 11:15:45

LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.37600	WALL NO.	1
ITEM NO.	11	U-KP	3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.37600	WALL NO.	1
ITEM NO.	61	D-KP	3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	15.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	16.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 2

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ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)

## GENERAL CONTRACTOR



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ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	= 17.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 3

ITEM NO.	1	NAME	= 18.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -14.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 19.200	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 10.300	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.75000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 4

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 4

ITEM NO.	1	NAME	= 14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	

## GENERAL CONTRACTOR

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AFoglio  
359 di 2653

ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 5.0000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 23.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.37600	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 3.0390	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE&	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 5.0000	(BOTH WALLS)	
ITEM NO.	59	&lt;D-FRICT	&gt;= 23.000	(BOTH WALLS)	
ITEM NO.	60	&lt;D-KA	&gt;= 0.37600	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 3.0390	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 4

ITEM NO.	1	&lt;NAME	&gt;= 15.000	(BOTH WALLS)	
ITEM NO.	2	&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	&lt;LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4	&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	&lt;GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE&	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	59	&lt;D-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	60	&lt;D-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 4

ITEM NO.	1	&lt;NAME	&gt;= 16.000	(BOTH WALLS)	
ITEM NO.	2	&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	&lt;LEVEL	&gt;= -5.0000	(BOTH WALLS)	
ITEM NO.	4	&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 20.000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE&	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 20.000	(BOTH WALLS)	
ITEM NO.	59	&lt;D-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	60	&lt;D-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 4

ITEM NO.	1	&lt;NAME	&gt;= 17.000	(BOTH WALLS)	
ITEM NO.	2	&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	&lt;LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4	&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 30.000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 36.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.21500	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 6.9780	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	



## GENERAL CONTRACTOR

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ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 5

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)



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ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)

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ITEM NO. 59<math>\text{D-FRICT}> = 36.000 \quad (\text{BOTH WALLS})  
ITEM NO. 60<math>\text{D-KA}> = 0.21500 \quad \text{WALL NO.} \quad 1  
ITEM NO. 61<math>\text{D-KP}> = 6.9780 \quad \text{WALL NO.} \quad 1  
ITEM NO. 77<math>\text{D-PERM}> = 0.10000\text{E-}04 \quad (\text{BOTH WALLS})

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 25 VALUES



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PHASE DESCRIPTORS

STEP NO.	1	LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2	LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-3.500	0.000
Z-WATER_TABLE		-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.500	0.000
Z-WATER_TABLE	-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

STEP NO.	LEFT WALL	RIGHT WALL
4		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 4

STEP NO.	LEFT WALL	RIGHT WALL
5		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000

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PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 5

LEFT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

RIGHT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

Exe Time : 8 June 2018 11:15:45

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 376

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 23.0800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.2000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.5600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 45.3600000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 48.7200000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 227  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 228  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 229  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 230  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 231  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 232  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 233  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 234  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 235  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 236  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 237  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 238  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 239  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 240  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 241  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 242  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 243  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 244  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 245  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 246  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 247  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 248  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 249  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 250  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 251  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 252  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 253  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 254  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 255  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 256  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 257  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 258  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 259  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 260  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 261  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 262  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 263  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 264  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 265  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 266  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 267  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 268  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 269  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 270  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 271  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 272  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 273  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 274  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 275  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 276  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 277  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 278  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 279  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 280  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 281  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 282  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 283  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 284  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 285  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 286  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 287  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 288  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 289  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 290  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 291  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 292  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 293  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 294  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 295  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 296  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 297  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 298  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 299  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 300  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 301  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 302  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 1.680000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 303  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 304  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 8.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 305  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.7600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 306  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.1200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 307  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 308  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 309  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 310  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 311  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 312  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 313  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 314  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 315  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 316  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 317  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 318  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 319  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 320  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 321  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 322  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 323  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 324  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 325  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 326  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 327  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 328  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 329  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 330  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 331  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 332  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 333  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 334  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 335  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 336  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 337  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 338  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 339  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 340  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 341  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 342  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 343  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 344  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 345  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 346  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 347  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 348  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 349  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 350  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 351  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 352  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 353  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 354  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 355  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 356  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 357  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 358  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 359  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 360  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 361  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 362  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 363  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 364  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 365  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 366  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 367  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 368  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 369  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 370  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 371  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 372  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 373  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 374  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 375  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 376  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 10660

NO. OF D.P.W FOR THIS AREA 10795  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3135E+06 RIMNOR= 0.000  
RENORM=0.1287E-26 REMNOR= 0.000 RATIO =0.6409E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.41 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3135E+06 RDR = 0.000  
RATIOT=0.6409E-16 RATIOR= 0.000  
MAX UN=0.1421E-13 IEQ= 83 NODE 42 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 129 NODE 65 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3135E+06 RIMNOR= 0.000  
RENORM=0.3597E-28 REMNOR=0.1780E-52 RATIO =0.1071E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.41 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3135E+06 RDR = 0.000  
RATIOT=0.1071E-16 RATIOR= 0.000  
MAX UN=0.2815E-15 IEQ= 81 NODE 41 DOF 1 Y-DISPL.F  
MIN UN=-.1588E-14 IEQ= 179 NODE 90 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3135E+06 RIMNOR= 0.000  
RENORM=0.3232E-28 REMNOR=0.4322E-52 RATIO =0.1015E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.41 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3135E+06 RDR = 0.000  
RATIOT=0.1015E-16 RATIOR= 0.000  
MAX UN=0.7408E-16 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
MIN UN=-.1287E-14 IEQ= 179 NODE 90 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:45

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS















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Exe Time : 8 June 2018 11:15:45

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.64652E-17	-1.64652E-17	-2.20881E-29	3.29303E-18
2	4.92587E-17	-4.92587E-17	-3.29303E-18	1.31448E-17
3	8.19141E-17	-8.19141E-17	-1.31448E-17	2.95276E-17
4	1.14427E-16	-1.14427E-16	-2.95276E-17	5.24130E-17
5	1.46788E-16	-1.46788E-16	-5.24130E-17	8.17706E-17
6	1.78982E-16	-1.78982E-16	-8.17706E-17	1.17567E-16
7	2.10985E-16	-2.10985E-16	-1.17567E-16	1.59764E-16
8	2.42764E-16	-2.42764E-16	-1.59764E-16	2.08317E-16
9	3.42916E-16	-3.42916E-16	-2.08317E-16	2.76900E-16
10	4.42048E-16	-4.42048E-16	-2.76900E-16	3.65310E-16
11	5.39948E-16	-5.39948E-16	-3.65310E-16	4.73299E-16
12	6.36351E-16	-6.36351E-16	-4.73299E-16	6.00570E-16
13	7.30944E-16	-7.30944E-16	-6.00570E-16	7.46758E-16
14	8.23356E-16	-8.23356E-16	-7.46758E-16	9.11430E-16
15	9.13167E-16	-9.13167E-16	-9.11430E-16	1.09406E-15
16	9.99904E-16	-9.99904E-16	-1.09406E-15	1.29404E-15
17	1.08304E-15	-1.08304E-15	-1.29404E-15	1.51065E-15
18	1.16203E-15	-1.16203E-15	-1.51065E-15	1.74306E-15
19	1.23626E-15	-1.23626E-15	-1.74306E-15	1.99031E-15
20	1.30513E-15	-1.30513E-15	-1.99031E-15	2.25134E-15
21	1.36800E-15	-1.36800E-15	-2.25134E-15	2.52494E-15
22	1.42425E-15	-1.42425E-15	-2.52494E-15	2.80979E-15
23	1.47328E-15	-1.47328E-15	-2.80979E-15	3.10444E-15
24	1.51452E-15	-1.51452E-15	-3.10444E-15	3.40734E-15
25	1.54745E-15	-1.54745E-15	-3.40734E-15	3.71683E-15
26	1.57163E-15	-1.57163E-15	-3.71683E-15	4.03116E-15
27	1.96221E-15	1.96221E-15	-4.03116E-15	3.63872E-15
28	1.59773E-15	-1.59773E-15	-3.63872E-15	3.95826E-15
29	1.59321E-15	-1.59321E-15	-3.95826E-15	4.27691E-15
30	1.97567E-15	1.97567E-15	-4.27691E-15	3.88177E-15
31	5.55588E-15	5.55588E-15	-3.88177E-15	2.77060E-15
32	9.14681E-15	9.14681E-15	-2.77060E-15	9.41236E-16
33	9.19488E-15	9.19488E-15	-9.41236E-16	8.97741E-16
34	9.25165E-15	9.25165E-15	-8.97741E-16	2.74806E-15
35	9.31565E-15	9.31565E-15	-2.74806E-15	4.61119E-15
36	9.38514E-15	9.38514E-15	-4.61119E-15	6.48822E-15
37	5.90536E-15	5.90536E-15	-6.48822E-15	7.66929E-15
38	5.97944E-15	5.97944E-15	-7.66929E-15	8.86518E-15
39	6.05214E-15	6.05214E-15	-8.86518E-15	1.00756E-14
40	6.12072E-15	6.12072E-15	-1.00756E-14	1.12997E-14
41	6.18228E-15	6.18228E-15	-1.12997E-14	1.25362E-14
42	7.97702E-15	7.97702E-15	-1.25362E-14	1.09408E-14
43	7.93855E-15	7.93855E-15	-1.09408E-14	9.35308E-15
44	7.91622E-15	7.91622E-15	-9.35308E-15	7.76985E-15
45	7.91303E-15	7.91303E-15	-7.76985E-15	6.18724E-15
46	8.26479E-16	8.26479E-16	-6.18724E-15	6.02195E-15
47	8.70166E-16	8.70166E-16	-6.02195E-15	5.84791E-15
48	9.41213E-16	9.41213E-16	-5.84791E-15	5.65967E-15
49	1.04193E-15	1.04193E-15	-5.65967E-15	5.45129E-15
50	1.17432E-15	1.17432E-15	-5.45129E-15	5.21642E-15
51	1.34008E-15	1.34008E-15	-5.21642E-15	4.94841E-15
52	8.71092E-15	8.71092E-15	-4.94841E-15	3.20623E-15
53	9.02358E-15	9.02358E-15	-3.20623E-15	1.40151E-15
54	9.38423E-15	9.38423E-15	-1.40151E-15	4.75334E-16
55	9.79310E-15	9.79310E-15	-4.75334E-16	2.43395E-15
56	1.02498E-14	1.02498E-14	-2.43395E-15	4.48392E-15
57	1.07536E-14	1.07536E-14	-4.48392E-15	6.63465E-15
58	1.13031E-14	1.13031E-14	-6.63465E-15	8.89528E-15
59	4.79114E-15	4.79114E-15	-8.89528E-15	9.85351E-15
60	1.67913E-15	1.67913E-15	-9.85351E-15	9.51768E-15
61	1.00473E-15	1.00473E-15	-9.51768E-15	9.31674E-15
62	2.93825E-16	2.93825E-16	-9.31674E-15	9.25797E-15
63	4.50686E-16	4.50686E-16	-9.25797E-15	9.34811E-15
64	1.22583E-15	1.22583E-15	-9.34811E-15	9.59327E-15
65	1.21822E-14	1.21822E-14	-9.59327E-15	7.15683E-15
66	1.13546E-14	1.13546E-14	-7.15683E-15	4.88591E-15
67	1.05049E-14	1.05049E-14	-4.88591E-15	2.78493E-15
68	9.63560E-15	9.63560E-15	-2.78493E-15	8.57811E-16

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69-1.64344E-15 1.64344E-15-8.57811E-16 5.29122E-16  
70-7.41154E-16 7.41154E-16-5.29122E-16 3.80891E-16  
71 1.75199E-16-1.75199E-16-3.80891E-16 4.15931E-16  
72 1.10450E-15-1.10450E-15-4.15931E-16 6.36832E-16  
73 2.04604E-15-2.04604E-15-6.36832E-16 1.04604E-15  
74 2.99950E-15-2.99950E-15-1.04604E-15 1.64594E-15  
75-1.02459E-14 1.02459E-14-1.64594E-15-4.03242E-16  
76-1.63735E-14 1.63735E-14 4.03242E-16-3.67794E-15  
77-1.53824E-14 1.53824E-14 3.67794E-15-6.75442E-15  
78-7.27161E-15 7.27161E-15 6.75442E-15-8.20874E-15  
79-6.25062E-15 6.25062E-15 8.20874E-15-9.45886E-15  
80-5.21247E-15 5.21247E-15 9.45886E-15-1.05014E-14  
81-4.15552E-15 4.15552E-15 1.05014E-14-1.13325E-14  
82-3.07807E-15 3.07807E-15 1.13325E-14-1.19481E-14  
83 5.12698E-15-5.12698E-15 1.19481E-14-1.09227E-14  
84 6.25037E-15-6.25037E-15 1.09227E-14-9.67261E-15  
85 7.39892E-15-7.39892E-15 9.67261E-15-8.19282E-15  
86 8.57386E-15-8.57386E-15 8.19282E-15-6.47805E-15  
87 9.77613E-15-9.77613E-15 6.47805E-15-4.52282E-15  
88 1.10064E-14-1.10064E-14 4.52282E-15-2.32154E-15  
89 1.22652E-14-1.22652E-14 2.32154E-15 1.31628E-16  
90-6.58141E-16 6.58141E-16-1.31628E-16 1.61559E-27



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                NewProject.BaseDesignSection_28.A1M1R1R3pertiranti_3775
                Exe Time : 8 June 2018      11:15:45
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STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :  
 ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 1.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit
----	-------	----	--------	---------	---	-----------	-----------

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

```

ITER      0  RNORM = 0.000      RMNORM= 0.000
            RINORM=0.3202E+06 RIMNOR=0.5952E-26
            RENORM= 3714.      REMNOR=0.4322E-52 RATIO =0.1077      TOLER =0.1000E-03 NOT CONVERGED
            RFMAX = 70.90      RMMAX =0.1254E-13
            RTSMAL=0.1000E-03 RMSMAL=0.1000E-18
            RDT =0.3202E+06 RDR =0.1000E-18
            RATIOT=0.1077      RATIOR= 0.000
            MAX UN= 15.81      IEQ= 35 NODE      18 DOF  1  Y-DISPL.F
            MIN UN=-13.00      IEQ= 45 NODE      23 DOF  1  Y-DISPL.F
            NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

```

ITER      2  RNORM = 0.000      RMNORM= 0.000
            RINORM=0.3202E+06 RIMNOR=0.5952E-26
            RENORM= 24.21      REMNOR=0.7771E-20 RATIO =0.8695E-02 TOLER =0.1000E-03 NOT CONVERGED
            RFMAX = 70.90      RMMAX =0.1254E-13
            RTSMAL=0.1000E-03 RMSMAL=0.1000E-18
            RDT =0.3202E+06 RDR =0.1000E-18
            RATIOT=0.8695E-02 RATIOR= 0.000
            MAX UN= 4.010      IEQ= 17 NODE      9 DOF  1  Y-DISPL.F
            MIN UN=-.4459      IEQ= 47 NODE      24 DOF  1  Y-DISPL.F
            NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

```

ITER      3  RNORM = 0.000      RMNORM= 0.000
            RINORM=0.3202E+06 RIMNOR=0.5952E-26
            RENORM=0.6074E-01 REMNOR=0.1208E-20 RATIO =0.4355E-03 TOLER =0.1000E-03 NOT CONVERGED
            RFMAX = 70.90      RMMAX =0.1254E-13
            RTSMAL=0.1000E-03 RMSMAL=0.1000E-18
            RDT =0.3202E+06 RDR =0.1000E-18
            RATIOT=0.4355E-03 RATIOR= 0.000
            MAX UN=0.1557      IEQ= 23 NODE      12 DOF  1  Y-DISPL.F
            MIN UN=-.1335      IEQ= 45 NODE      23 DOF  1  Y-DISPL.F
            NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

```

ITER      4  RNORM = 0.000      RMNORM= 0.000
            RINORM=0.3202E+06 RIMNOR=0.5952E-26
            RENORM=0.5210E-04 REMNOR=0.9845E-21 RATIO =0.1276E-04 TOLER =0.1000E-03 CONVERGED !
            RFMAX = 70.90      RMMAX =0.1254E-13
            RTSMAL=0.1000E-03 RMSMAL=0.1000E-18
            RDT =0.3202E+06 RDR =0.1000E-18
            RATIOT=0.1276E-04 RATIOR= 0.000
            MAX UN=0.4488E-02 IEQ= 43 NODE      22 DOF  1  Y-DISPL.F
            MIN UN=-.2472E-03 IEQ= 181 NODE     91 DOF  1  Y-DISPL.F
            NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:45

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	1.8710345E-03	-4.6679106E-04
2	1.7776763E-03	-4.6679106E-04
3	1.6843181E-03	-4.6679106E-04
4	1.5909598E-03	-4.6679106E-04
5	1.4976025E-03	-4.6677873E-04
6	1.4042531E-03	-4.6669503E-04
7	1.3109375E-03	-4.6641547E-04
8	1.2177122E-03	-4.6575614E-04
9	1.1246763E-03	-4.6447870E-04
10	1.0319708E-03	-4.6245097E-04
11	9.3974588E-04	-4.5967294E-04
12	8.4815184E-04	-4.5614137E-04
13	7.5734052E-04	-4.5184203E-04
14	6.6747134E-04	-4.4669792E-04
15	5.7873054E-04	-4.4051588E-04
16	4.9135527E-04	-4.3297970E-04
17	4.0565821E-04	-4.2365031E-04
18	3.2205202E-04	-4.1196782E-04
19	2.4107318E-04	-3.9725383E-04
20	1.6337581E-04	-3.7915991E-04
21	8.9622333E-05	-3.5786925E-04
22	2.0409833E-05	-3.3385273E-04
23	-4.3782679E-05	-3.0779500E-04
24	-1.0262353E-04	-2.8047208E-04
25	-1.5593514E-04	-2.5260810E-04
26	-2.0367013E-04	-2.2479455E-04
27	-2.4588853E-04	-1.9751450E-04
28	-2.8273617E-04	-1.7113804E-04
29	-3.1442170E-04	-1.4593314E-04
30	-3.4120056E-04	-1.2209767E-04
31	-3.6336140E-04	-9.9771668E-05
32	-3.8121593E-04	-7.9046094E-05
33	-3.9508987E-04	-5.9971029E-05
34	-4.0531545E-04	-4.2562656E-05
35	-4.1222524E-04	-2.6809454E-05
36	-4.1614726E-04	-1.2677261E-05
37	-4.1740077E-04	-1.1446057E-07
38	-4.1629332E-04	1.0944197E-05
39	-4.1311836E-04	2.0573881E-05
40	-4.0815360E-04	2.8856469E-05
41	-4.0165987E-04	3.5877947E-05
42	-3.9388067E-04	4.1725773E-05
43	-3.8504200E-04	4.6486997E-05
44	-3.7535265E-04	5.0246467E-05
45	-3.6500484E-04	5.3085347E-05
46	-3.5417485E-04	5.5079941E-05
47	-3.4302446E-04	5.6300609E-05
48	-3.3170196E-04	5.6811029E-05
49	-3.2034364E-04	5.6667569E-05
50	-3.0907534E-04	5.5918842E-05
51	-2.9801380E-04	5.4605399E-05
52	-2.8726888E-04	5.2759630E-05
53	-2.7694112E-04	5.0449596E-05
54	-2.6711316E-04	4.7777757E-05
55	-2.5784804E-04	4.4835504E-05
56	-2.4919160E-04	4.1703640E-05
57	-2.4117451E-04	3.8452897E-05
58	-2.3381428E-04	3.5144530E-05
59	-2.2711705E-04	3.1830942E-05
60	-2.2107931E-04	2.8556341E-05
61	-2.1568947E-04	2.5357407E-05
62	-2.1092931E-04	2.2263959E-05
63	-2.0677528E-04	1.9299613E-05
64	-2.0319966E-04	1.6482426E-05
65	-2.0017162E-04	1.3825508E-05
66	-1.9765818E-04	1.1337615E-05
67	-1.9562498E-04	9.0236781E-06
68	-1.9403701E-04	6.8852983E-06
69	-1.9285924E-04	4.9212233E-06
70	-1.9205714E-04	3.1278003E-06
71	-1.9159712E-04	1.4994022E-06
72	-1.9144686E-04	2.8795790E-08

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73	-1.9157553E-04	-1.2907766E-06
74	-1.9195352E-04	-2.4654752E-06
75	-1.9255254E-04	-3.5025028E-06
76	-1.9334587E-04	-4.4098500E-06
77	-1.9430841E-04	-5.1960728E-06
78	-1.9541682E-04	-5.8701019E-06
79	-1.9664958E-04	-6.4410803E-06
80	-1.9798700E-04	-6.9182271E-06
81	-1.9941123E-04	-7.3107268E-06
82	-2.0090625E-04	-7.6276396E-06
83	-2.0245784E-04	-7.8778321E-06
84	-2.0405351E-04	-8.0699256E-06
85	-2.0568249E-04	-8.2122599E-06
86	-2.0733563E-04	-8.3128701E-06
87	-2.0900537E-04	-8.3794754E-06
88	-2.1068565E-04	-8.4194767E-06
89	-2.1237186E-04	-8.4399622E-06
90	-2.1406087E-04	-8.4477181E-06
91	-2.1575062E-04	-8.4492431E-06













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78 D	60.43	-1.9542E-04	140.7	182.4	182.2	193.0	UL-RL	5.4592E+04	-15.40	119.8	1.000	1.000
302.2	0.000	0.000	Limosabbiosol_237_225_L_0									
79 D	61.11	-1.9665E-04	142.6	183.6	184.3	194.4	UL-RL	5.4592E+04	-15.60	121.9	1.000	1.000
305.5	0.000	0.000	Limosabbiosol_237_225_L_0									
80 D	61.78	-1.9799E-04	144.6	184.9	186.3	195.7	UL-RL	5.4592E+04	-15.80	124.0	1.000	1.000
308.9	0.000	0.000	Limosabbiosol_237_225_L_0									
81 D	62.46	-1.9941E-04	146.5	186.2	188.4	197.1	UL-RL	5.4592E+04	-16.00	126.1	1.000	1.000
312.3	0.000	0.000	Limosabbiosol_237_225_L_0									
82 D	63.14	-2.0091E-04	148.5	187.5	190.5	198.5	UL-RL	5.4592E+04	-16.20	128.2	1.000	1.000
315.7	0.000	0.000	Limosabbiosol_237_225_L_0									
83 D	63.81	-2.0246E-04	150.5	188.8	192.5	199.8	UL-RL	5.4592E+04	-16.40	130.3	1.000	1.000
319.1	0.000	0.000	Limosabbiosol_237_225_L_0									
84 D	64.49	-2.0405E-04	152.4	190.0	194.6	201.2	UL-RL	5.4592E+04	-16.60	132.4	1.000	1.000
322.5	0.000	0.000	Limosabbiosol_237_225_L_0									
85 D	65.17	-2.0568E-04	154.4	191.3	196.6	202.6	UL-RL	5.4592E+04	-16.80	134.5	1.000	1.000
325.8	0.000	0.000	Limosabbiosol_237_225_L_0									
86 D	65.85	-2.0734E-04	156.3	192.6	198.7	203.9	UL-RL	5.4592E+04	-17.00	136.6	1.000	1.000
329.2	0.000	0.000	Limosabbiosol_237_225_L_0									
87 D	66.52	-2.0901E-04	158.3	193.9	200.8	205.3	UL-RL	5.4592E+04	-17.20	138.7	1.000	1.000
332.6	0.000	0.000	Limosabbiosol_237_225_L_0									
88 D	67.20	-2.1069E-04	160.3	195.2	202.8	206.7	UL-RL	5.4592E+04	-17.40	140.8	1.000	1.000
336.0	0.000	0.000	Limosabbiosol_237_225_L_0									
89 D	67.88	-2.1237E-04	162.2	196.5	204.9	208.1	UL-RL	5.4592E+04	-17.60	142.9	1.000	1.000
339.4	0.000	0.000	Limosabbiosol_237_225_L_0									
90 D	68.56	-2.1406E-04	164.2	197.8	206.9	209.5	UL-RL	5.4592E+04	-17.80	145.0	1.000	1.000
342.8	0.000	0.000	Limosabbiosol_237_225_L_0									
91 D	34.62	-2.1575E-04	166.1	199.1	209.0	210.9	UL-RL	5.4592E+04	-18.00	147.1	1.000	1.000
346.2	0.000	0.000	Limosabbiosol_237_225_L_0									

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:45

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	3.97920E-13	-3.97920E-13	-1.42109E-14	-1.95541E-11
2	1.32701E-10	-1.32701E-10	3.28786E-11	-2.01332E-11
3	-8.69136E-11	8.69136E-11	2.49551E-11	-4.53309E-11
4	0.39006	-0.39006	3.67582E-11	7.80129E-02
5	1.8680	-1.8680	-7.80129E-02	0.45161
6	4.3293	-4.3293	-0.45161	1.3175
7	7.6870	-7.6870	-1.3175	2.8549
8	11.870	-11.870	-2.8549	5.2288
9	11.870	-11.870	-5.2288	7.6028
10	11.870	-11.870	-7.6028	9.9768
11	11.973	-11.973	-9.9768	12.371
12	12.320	-12.320	-12.371	14.835
13	14.409	-14.409	-14.835	17.717
14	18.431	-18.431	-17.717	21.403
15	24.414	-24.414	-21.403	26.286
16	32.324	-32.324	-26.286	32.751
17	42.129	-42.129	-32.751	41.177
18	53.789	-53.789	-41.177	51.935
19	53.153	-53.153	-51.935	62.565
20	47.993	-47.993	-62.565	72.164
21	38.254	-38.254	-72.164	79.815
22	26.331	-26.331	-79.815	85.081
23	13.705	-13.705	-85.081	87.822
24	3.4102	-3.4102	-87.822	88.504
25	-5.0055	5.0055	-88.504	87.503
26	-11.875	11.875	-87.503	85.128
27	-16.715	16.715	-85.128	81.785
28	-20.350	20.350	-81.785	77.715
29	-22.984	22.984	-77.715	73.118
30	-24.776	24.776	-73.118	68.163
31	-25.862	25.862	-68.163	62.990
32	-26.361	26.361	-62.990	57.718
33	-26.374	26.374	-57.718	52.443
34	-25.994	25.994	-52.443	47.245
35	-25.298	25.298	-47.245	42.185
36	-24.358	24.358	-42.185	37.313
37	-23.234	23.234	-37.313	32.667
38	-21.980	21.980	-32.667	28.271
39	-20.642	20.642	-28.271	24.142
40	-19.261	19.261	-24.142	20.290
41	-17.873	17.873	-20.290	16.715
42	-16.507	16.507	-16.715	13.414
43	-15.189	15.189	-13.414	10.376
44	-13.939	13.939	-10.376	7.5885
45	-12.775	12.775	-7.5885	5.0334
46	-11.712	11.712	-5.0334	2.6910
47	-10.760	10.760	-2.6910	0.53895
48	-9.9286	9.9286	-0.53895	-1.4468
49	-9.2224	9.2224	1.4468	-3.2912
50	-8.6454	8.6454	3.2912	-5.0203
51	-8.1989	8.1989	5.0203	-6.6601
52	-6.4896	6.4896	6.6601	-7.9580
53	-4.9580	4.9580	7.9580	-8.9496
54	-3.5979	3.5979	8.9496	-9.6692
55	-2.4015	2.4015	9.6692	-10.149
56	-1.3599	1.3599	10.149	-10.421
57	-0.46338	0.46338	10.421	-10.514
58	0.29820	-0.29820	10.514	-10.454
59	0.93537	-0.93537	10.454	-10.267
60	1.4587	-1.4587	10.267	-9.9757
61	1.8789	-1.8789	9.9757	-9.5999
62	2.2060	-2.2060	9.5999	-9.1587
63	2.4501	-2.4501	9.1587	-8.6687
64	2.6208	-2.6208	8.6687	-8.1445
65	2.7271	-2.7271	8.1445	-7.5991
66	2.7769	-2.7769	7.5991	-7.0437
67	2.7778	-2.7778	7.0437	-6.4881
68	2.7373	-2.7373	6.4881	-5.9407

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69	2.6623	-2.6623	5.9407	-5.4082
70	2.5591	-2.5591	5.4082	-4.8964
71	2.4335	-2.4335	4.8964	-4.4097
72	2.3453	-2.3453	4.4097	-3.9406
73	2.2385	-2.2385	3.9406	-3.4929
74	2.1174	-2.1174	3.4929	-3.0695
75	1.9857	-1.9857	3.0695	-2.6723
76	1.8467	-1.8467	2.6723	-2.3030
77	1.7031	-1.7031	2.3030	-1.9623
78	1.5574	-1.5574	1.9623	-1.6509
79	1.4114	-1.4114	1.6509	-1.3686
80	1.2668	-1.2668	1.3686	-1.1152
81	1.1248	-1.1248	1.1152	-0.89025
82	0.98628	-0.98628	0.89025	-0.69299
83	0.85200	-0.85200	0.69299	-0.52259
84	0.72240	-0.72240	0.52259	-0.37811
85	0.59776	-0.59776	0.37811	-0.25856
86	0.47817	-0.47817	0.25856	-0.16292
87	0.36359	-0.36359	0.16292	-9.02066E-02
88	0.25390	-0.25390	9.02066E-02	-3.94268E-02
89	0.14887	-0.14887	3.94268E-02	-9.65057E-03
90	4.82529E-02	-4.82529E-02	9.65057E-03	-2.95097E-13



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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:45  
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
CURRENT TIME IS 2.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL FORCE d0 EDISPL pl. eps K -ve limit +ve limit  
-----

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4228E+06 RIMNOR=0.2079E+06  
RENORM=0.5831E+05 REMNOR=0.9845E-21 RATIO =0.3714 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 88.50  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4228E+06 RDR =0.2079E+06  
RATIOT=0.3714 RATIO= 0.000  
MAX UN=0.4488E-02 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
MIN UN=-241.5 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4228E+06 RIMNOR=0.2079E+06  
RENORM= 189.5 REMNOR=0.5785E-20 RATIO =0.2117E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 88.50  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4228E+06 RDR =0.2079E+06  
RATIOT=0.2117E-01 RATIO= 0.000  
MAX UN=0.2636E-09 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
MIN UN=-4.361 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4228E+06 RIMNOR=0.2079E+06  
RENORM=0.7431E-01 REMNOR=0.8916E-21 RATIO =0.4192E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 88.50  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4228E+06 RDR =0.2079E+06  
RATIOT=0.4192E-03 RATIO= 0.000  
MAX UN=0.1710E-09 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.1550 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4228E+06 RIMNOR=0.2079E+06  
RENORM=0.1495E-07 REMNOR=0.6793E-21 RATIO =0.1880E-06 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 241.5 RMMAX = 88.50  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4228E+06 RDR =0.2079E+06  
RATIOT=0.1880E-06 RATIO= 0.000  
MAX UN=0.1498E-09 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
MIN UN=-.1223E-03 IEQ= 149 NODE 75 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:45

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	3.3820827E-04	-3.7825985E-04
2	2.6255839E-04	-3.7822848E-04
3	1.8692637E-04	-3.7805464E-04
4	1.1135754E-04	-3.7756569E-04
5	3.5934582E-05	-3.7655951E-04
6	-3.9215003E-05	-3.7478445E-04
7	-1.1390702E-04	-3.7192673E-04
8	-1.8788898E-04	-3.6761836E-04
9	-2.6082991E-04	-3.6144309E-04
10	-3.3230101E-04	-3.5278967E-04
11	-4.0172754E-04	-3.4086269E-04
12	-4.6837317E-04	-3.2484191E-04
13	-5.3133496E-04	-3.0388109E-04
14	-5.8953686E-04	-2.7708911E-04
15	-6.4171810E-04	-2.4350948E-04
16	-6.8641982E-04	-2.0211747E-04
17	-7.2248029E-04	-1.5945351E-04
18	-7.5054823E-04	-1.2199458E-04
19	-7.7154412E-04	-8.8525628E-05
20	-7.8615573E-04	-5.8015399E-05
21	-7.9490531E-04	-2.9830645E-05
22	-7.9822557E-04	-3.7096232E-06
23	-7.9652904E-04	2.0313133E-05
24	-7.9025304E-04	4.2045575E-05
25	-7.7987624E-04	6.1297085E-05
26	-7.6590674E-04	7.7960622E-05
27	-7.4886761E-04	9.1989855E-05
28	-7.2928193E-04	1.0345209E-04
29	-7.0764687E-04	1.1251451E-04
30	-6.8442380E-04	1.1936342E-04
31	-6.6003593E-04	1.2419592E-04
32	-6.3486640E-04	1.2721392E-04
33	-6.0925788E-04	1.2861922E-04
34	-5.8351303E-04	1.2860973E-04
35	-5.5789568E-04	1.2737665E-04
36	-5.3263192E-04	1.2510219E-04
37	-5.0791279E-04	1.2195803E-04
38	-4.8389602E-04	1.1810417E-04
39	-4.6070860E-04	1.1368814E-04
40	-4.3844938E-04	1.0884461E-04
41	-4.1719127E-04	1.0369507E-04
42	-3.9698452E-04	9.8348022E-05
43	-3.7785885E-04	9.2899048E-05
44	-3.5982631E-04	8.7428925E-05
45	-3.4288452E-04	8.2001489E-05
46	-3.2701979E-04	7.6664174E-05
47	-3.1221066E-04	7.1449703E-05
48	-2.9843043E-04	6.6377430E-05
49	-2.8564972E-04	6.1454717E-05
50	-2.7383885E-04	5.6678225E-05
51	-2.6296961E-04	5.2034990E-05
52	-2.5301759E-04	4.7503732E-05
53	-2.4396041E-04	4.3091023E-05
54	-2.3577096E-04	3.8831501E-05
55	-2.2841584E-04	3.4751613E-05
56	-2.2185705E-04	3.0870798E-05
57	-2.1605335E-04	2.7202474E-05
58	-2.1096134E-04	2.3754932E-05
59	-2.0653639E-04	2.0532138E-05
60	-2.0273348E-04	1.7534446E-05
61	-1.9950778E-04	1.4759231E-05
62	-1.9681529E-04	1.2201453E-05
63	-1.9461317E-04	9.8541385E-06
64	-1.9286017E-04	7.7088137E-06
65	-1.9151682E-04	5.7558706E-06
66	-1.9054569E-04	3.9848861E-06
67	-1.8991147E-04	2.3848726E-06
68	-1.8958110E-04	9.4447994E-07
69	-1.8952380E-04	-3.4781249E-07
70	-1.8971112E-04	-1.5035212E-06
71	-1.9011686E-04	-2.5340126E-06
72	-1.9071711E-04	-3.4503824E-06

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73	-1.9149001E-04	-4.2616195E-06
74	-1.9241522E-04	-4.9747339E-06
75	-1.9347383E-04	-5.5967232E-06
76	-1.9464830E-04	-6.1345740E-06
77	-1.9592251E-04	-6.5952479E-06
78	-1.9728172E-04	-6.9856711E-06
79	-1.9871255E-04	-7.3126510E-06
80	-2.0020299E-04	-7.5828112E-06
81	-2.0174231E-04	-7.8025421E-06
82	-2.0332105E-04	-7.9779625E-06
83	-2.0493093E-04	-8.1148943E-06
84	-2.0656481E-04	-8.2188451E-06
85	-2.0821662E-04	-8.2950005E-06
86	-2.0988128E-04	-8.3482231E-06
87	-2.1155468E-04	-8.3830571E-06
88	-2.1323356E-04	-8.4037379E-06
89	-2.1491549E-04	-8.4142054E-06
90	-2.1659889E-04	-8.4181199E-06
91	-2.1828262E-04	-8.4188793E-06





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33 D	30.86	6.0926E-04	127.0 117.3 127.0	117.3	V-C 3.2234E+04 -6.400 37.02 1.000 1.000
154.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	31.42	5.8351E-04	129.5 118.2 129.5	118.2	V-C 3.2234E+04 -6.600 38.92 1.000 1.000
157.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	31.98	5.5790E-04	133.0 119.1 133.0	119.1	V-C 3.2234E+04 -6.800 40.81 1.000 1.000
159.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	32.54	5.3263E-04	135.9 120.0 135.9	120.0	V-C 3.2234E+04 -7.000 42.71 1.000 1.000
162.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	33.11	5.0791E-04	138.9 120.9 138.9	120.9	V-C 3.2234E+04 -7.200 44.61 1.000 1.000
165.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	33.68	4.8390E-04	141.8 121.9 141.8	121.9	V-C 3.2234E+04 -7.400 46.51 1.000 1.000
168.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	34.25	4.6071E-04	145.1 122.8 145.1	122.8	V-C 3.2234E+04 -7.600 48.41 1.000 1.000
171.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	34.83	4.3845E-04	148.0 123.8 148.0	123.8	V-C 3.2234E+04 -7.800 50.31 1.000 1.000
174.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	35.41	4.1719E-04	150.9 124.9 150.9	124.9	V-C 3.2234E+04 -8.000 52.20 1.000 1.000
177.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	36.00	3.9698E-04	153.7 125.9 153.7	125.9	V-C 3.2234E+04 -8.200 54.10 1.000 1.000
180.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	36.53	3.7786E-04	157.0 126.7 157.0	127.2	UL-RL 8.0801E+04 -8.400 56.00 1.000 1.000
182.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	37.05	3.5983E-04	159.4 127.4 159.4	128.6	UL-RL 8.0801E+04 -8.600 57.90 1.000 1.000
185.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	37.60	3.4288E-04	162.6 128.2 162.6	130.0	UL-RL 8.0801E+04 -8.800 59.80 1.000 1.000
188.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	38.17	3.2702E-04	165.4 129.2 165.4	131.4	UL-RL 8.0801E+04 -9.000 61.69 1.000 1.000
190.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	38.76	3.1221E-04	168.5 130.2 168.5	132.7	UL-RL 8.0801E+04 -9.200 63.59 1.000 1.000
193.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	39.37	2.9843E-04	170.9 131.3 170.9	134.0	UL-RL 8.0801E+04 -9.400 65.49 1.000 1.000
196.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	39.99	2.8565E-04	174.0 132.6 174.0	135.4	UL-RL 8.0801E+04 -9.600 67.39 1.000 1.000
200.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	40.63	2.7384E-04	176.8 133.9 176.8	136.7	UL-RL 8.0801E+04 -9.800 69.29 1.000 1.000
203.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	41.28	2.6297E-04	179.5 135.2 179.5	138.1	UL-RL 8.0801E+04 -10.00 71.19 1.000 1.000
206.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	42.34	2.5302E-04	182.3 138.6 182.3	142.2	UL-RL 1.0514E+05 -10.20 73.08 1.000 1.000
211.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	43.00	2.4396E-04	185.3 140.0 185.3	143.5	UL-RL 1.0514E+05 -10.40 74.98 1.000 1.000
215.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	43.68	2.3577E-04	187.7 141.5 187.7	144.8	UL-RL 1.0514E+05 -10.60 76.88 1.000 1.000
218.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	44.36	2.2842E-04	190.7 143.0 190.7	146.1	UL-RL 1.0514E+05 -10.80 78.78 1.000 1.000
221.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	45.05	2.2186E-04	193.4 144.6 193.4	147.4	UL-RL 1.0514E+05 -11.00 80.68 1.000 1.000
225.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	45.75	2.1605E-04	196.4 146.2 196.4	148.8	UL-RL 1.0514E+05 -11.20 82.58 1.000 1.000
228.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	46.46	2.1096E-04	198.8 147.8 198.8	150.2	UL-RL 1.0514E+05 -11.40 84.47 1.000 1.000
232.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	47.17	2.0654E-04	201.7 149.5 201.7	151.6	UL-RL 1.0514E+05 -11.60 86.37 1.000 1.000
235.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	47.89	2.0273E-04	204.4 151.2 204.4	153.1	UL-RL 1.0514E+05 -11.80 88.27 1.000 1.000
239.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.61	1.9951E-04	207.1 152.9 207.1	154.6	UL-RL 1.0514E+05 -12.00 90.17 1.000 1.000
243.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.34	1.9682E-04	209.7 154.6 209.7	156.1	UL-RL 1.0514E+05 -12.20 92.07 1.000 1.000
246.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	50.07	1.9461E-04	212.7 156.4 212.7	157.6	UL-RL 1.0514E+05 -12.40 93.97 1.000 1.000
250.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.80	1.9286E-04	215.1 158.1 215.1	159.2	UL-RL 1.0514E+05 -12.60 95.86 1.000 1.000
254.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.53	1.9152E-04	218.0 159.9 218.0	160.8	UL-RL 1.0514E+05 -12.80 97.76 1.000 1.000
257.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.26	1.9055E-04	220.6 161.7 220.6	162.4	UL-RL 1.0514E+05 -13.00 99.66 1.000 1.000
261.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	53.00	1.8991E-04	223.5 163.4 223.5	164.1	UL-RL 1.0514E+05 -13.20 101.6 1.000 1.000
265.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.74	1.8958E-04	225.9 165.2 225.9	165.7	UL-RL 1.0514E+05 -13.40 103.5 1.000 1.000
268.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.47	1.8952E-04	228.7 167.0 228.7	167.4	UL-RL 1.0514E+05 -13.60 105.4 1.000 1.000
272.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.21	1.8971E-04	231.4 168.8 231.4	169.1	UL-RL 1.0514E+05 -13.80 107.3 1.000 1.000
276.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	55.95	1.9012E-04	234.0 170.6 234.0	170.8	UL-RL 1.0514E+05 -14.00 109.2 1.000 1.000
279.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
72 D	56.25	1.9072E-04	236.2 170.2 236.2	170.3	UL-RL 1.0514E+05 -14.20 111.1 1.000 1.000
281.2	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.92	1.9149E-04	238.7 171.7 238.7	171.7	UL-RL 1.0514E+05 -14.40 112.9 1.000 1.000
284.6	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.60	1.9242E-04	240.7 173.2 240.7	173.2	UL-RL 1.0514E+05 -14.60 114.8 1.000 1.000
288.0	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.28	1.9347E-04	243.1 174.6 243.1	174.6	V-C 4.2056E+04 -14.80 116.7 1.000 1.000
291.4	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.95	1.9465E-04	245.3 176.1 245.3	176.1	V-C 4.2056E+04 -15.00 118.6 1.000 1.000
294.8	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.63	1.9592E-04	247.8 177.6 247.8	177.6	V-C 4.2056E+04 -15.20 120.5 1.000 1.000
298.1	0.000	0.000	Limosabbiosol_237_225_L_0		









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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:46

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.99251	-0.99251	-2.95941E-12	0.19850
2	3.5154	-3.5154	-0.19850	0.90158
3	6.4548	-6.4548	-0.90158	2.1925
4	9.9106	-9.9106	-2.1925	4.1746
5	14.417	-14.417	-4.1746	7.0581
6	19.839	-19.839	-7.0581	11.026
7	26.060	-26.060	-11.026	16.238
8	33.010	-33.010	-16.238	22.840
9	45.400	-45.400	-22.840	31.920
10	58.177	-58.177	-31.920	43.555
11	71.352	-71.352	-43.555	57.826
12	84.953	-84.953	-57.826	74.816
13	99.547	-99.547	-74.816	94.726
14	115.22	-115.22	-94.726	117.77
15	131.97	-131.97	-117.77	144.16
16	-91.725	91.725	-144.16	125.82
17	-72.964	72.964	-125.82	111.23
18	-53.280	53.280	-111.23	100.57
19	-40.335	40.335	-100.57	92.502
20	-33.244	33.244	-92.502	85.853
21	-32.054	32.054	-85.853	79.443
22	-34.336	34.336	-79.443	72.575
23	-38.127	38.127	-72.575	64.950
24	-40.374	40.374	-64.950	56.875
25	-41.510	41.510	-56.875	48.573
26	-41.840	41.840	-48.573	40.205
27	-39.381	39.381	-40.205	32.329
28	-36.549	36.549	-32.329	25.019
29	-33.489	33.489	-25.019	18.321
30	-30.311	30.311	-18.321	12.259
31	-27.101	27.101	-12.259	6.8390
32	-23.926	23.926	-6.8390	2.0538
33	-20.838	20.838	-2.0538	-2.1138
34	-17.877	17.877	2.1138	-5.6893
35	-15.072	15.072	5.6893	-8.7037
36	-12.445	12.445	8.7037	-11.193
37	-10.010	10.010	11.193	-13.195
38	-7.7770	7.7770	13.195	-14.750
39	-5.7503	5.7503	14.750	-15.900
40	-3.9311	3.9311	15.900	-16.686
41	-2.3180	2.3180	16.686	-17.150
42	-0.90699	0.90699	17.150	-17.331
43	0.23780	-0.23780	17.331	-17.284
44	1.1120	-1.1120	17.284	-17.061
45	1.7404	-1.7404	17.061	-16.713
46	2.1465	-2.1465	16.713	-16.284
47	2.3526	-2.3526	16.284	-15.814
48	2.3795	-2.3795	15.814	-15.338
49	2.2463	-2.2463	15.338	-14.888
50	1.9708	-1.9708	14.888	-14.494
51	1.5694	-1.5694	14.494	-14.180
52	2.1845	-2.1845	14.180	-13.744
53	2.6624	-2.6624	13.744	-13.211
54	3.0213	-3.0213	13.211	-12.607
55	3.2775	-3.2775	12.607	-11.951
56	3.4458	-3.4458	11.951	-11.262
57	3.5398	-3.5398	11.262	-10.554
58	3.5713	-3.5713	10.554	-9.8399
59	3.5510	-3.5510	9.8399	-9.1297
60	3.4883	-3.4883	9.1297	-8.4321
61	3.3915	-3.3915	8.4321	-7.7538
62	3.2677	-3.2677	7.7538	-7.1002
63	3.1233	-3.1233	7.1002	-6.4756
64	2.9637	-2.9637	6.4756	-5.8828
65	2.7935	-2.7935	5.8828	-5.3241
66	2.6161	-2.6161	5.3241	-4.8009
67	2.4344	-2.4344	4.8009	-4.3140
68	2.2515	-2.2515	4.3140	-3.8637

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69	2.0700	-2.0700	3.8637	-3.4497
70	1.8919	-1.8919	3.4497	-3.0713
71	1.7189	-1.7189	3.0713	-2.7275
72	1.6075	-1.6075	2.7275	-2.4060
73	1.4971	-1.4971	2.4060	-2.1066
74	1.3861	-1.3861	2.1066	-1.8294
75	1.2761	-1.2761	1.8294	-1.5742
76	1.1658	-1.1658	1.5742	-1.3410
77	1.0569	-1.0569	1.3410	-1.1296
78	0.95045	-0.95045	1.1296	-0.93953
79	0.84734	-0.84734	0.93953	-0.77006
80	0.74827	-0.74827	0.77006	-0.62041
81	0.65373	-0.65373	0.62041	-0.48966
82	0.56407	-0.56407	0.48966	-0.37685
83	0.47946	-0.47946	0.37685	-0.28096
84	0.39999	-0.39999	0.28096	-0.20096
85	0.32561	-0.32561	0.20096	-0.13584
86	0.25621	-0.25621	0.13584	-8.45949E-02
87	0.19160	-0.19160	8.45949E-02	-4.62746E-02
88	0.13155	-0.13155	4.62746E-02	-1.99644E-02
89	7.57897E-02	-7.57897E-02	1.99644E-02	-4.80576E-03
90	2.40288E-02	-2.40288E-02	4.80576E-03	-2.02587E-12



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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:46  
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
CURRENT TIME IS 3.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit
ANCHOR 1	250.00	-1.13764E-03	-1.13764E-03	0.0000	0.0000	0.0000	0.0000

BORN NOW JUST ACTIVATED

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6597E+06 RIMNOR=0.2828E+06  
RENORM=0.5890E+05 REMNOR=0.6793E-21 RATIO =0.2988 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 144.2  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.6597E+06 RDR =0.2828E+06  
RATIOT=0.2988 RATOR= 0.000  
MAX UN= 35.82 IEQ= 95 NODE 48 DOF 1 Y-DISPL.F  
MIN UN=-45.83 IEQ= 127 NODE 64 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6597E+06 RIMNOR=0.2828E+06  
RENORM=0.6159E-02 REMNOR=0.2607E-18 RATIO =0.9663E-04 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 241.5 RMMAX = 144.2  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.6597E+06 RDR =0.2828E+06  
RATIOT=0.9663E-04 RATOR= 0.000  
MAX UN=0.1833E-08 IEQ= 73 NODE 37 DOF 1 Y-DISPL.F  
MIN UN=-.4716E-01 IEQ= 1 NODE 1 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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Exe Time : 8 June 2018 11:15:46

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 4 ( AT TIME 4.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04)

1	2.6077468E-05	4.2654729E-04
2	1.1138928E-04	4.2658263E-04
3	1.9672080E-04	4.2677224E-04
4	2.8212021E-04	4.2729237E-04
5	3.6767295E-04	4.2834052E-04
6	4.5350755E-04	4.3015556E-04
7	5.3980582E-04	4.3303026E-04
8	6.2681288E-04	4.3730342E-04
9	7.1484568E-04	4.4335391E-04
10	8.0430199E-04	4.5161759E-04
11	8.9567097E-04	4.6255513E-04
12	9.8953127E-04	4.7660104E-04
13	1.0865459E-03	4.9416492E-04
14	1.1874587E-03	5.1565045E-04
15	1.2930953E-03	5.4147424E-04
16	1.4043662E-03	5.7206529E-04
17	1.5217428E-03	5.9997625E-04
18	1.6436820E-03	6.1776662E-04
19	1.7682047E-03	6.2588646E-04
20	1.8934220E-03	6.2478839E-04
21	2.0175358E-03	6.1492652E-04
22	2.1388387E-03	5.9675601E-04
23	2.2557147E-03	5.7073318E-04
24	2.3666385E-03	5.3731649E-04
25	2.4701786E-03	4.9696710E-04
26	2.5649943E-03	4.5015169E-04
27	2.6498398E-03	3.9734409E-04
28	2.7235577E-03	3.3892274E-04
29	2.7850533E-03	2.7517159E-04
30	2.8332904E-03	2.0638584E-04
31	2.8672928E-03	1.3287872E-04
32	2.8861495E-03	5.4985524E-05
33	2.8890189E-03	-2.6930293E-05
34	2.8751357E-03	-1.1247110E-04
35	2.8438182E-03	-2.0119820E-04
36	2.7944764E-03	-2.9262691E-04
37	2.7266233E-03	-3.8621693E-04
38	2.6398857E-03	-4.8136685E-04
39	2.5340173E-03	-5.7740642E-04
40	2.4089142E-03	-6.7358846E-04
41	2.2646283E-03	-7.6908326E-04
42	2.1013883E-03	-8.6296804E-04
43	1.9196165E-03	-9.5422134E-04
44	1.7199502E-03	-1.0417173E-03
45	1.5032637E-03	-1.1242188E-03
46	1.2706872E-03	-1.2003686E-03
47	1.0236390E-03	-1.2686771E-03
48	7.6384757E-04	-1.3275176E-03
49	4.9338118E-04	-1.3751195E-03
50	2.1462543E-04	-1.4103575E-03
51	-6.9917526E-05	-1.4329518E-03
52	-3.5770458E-04	-1.4428718E-03
53	-6.4624093E-04	-1.4404985E-03
54	-9.3313036E-04	-1.4265208E-03
55	-1.2161243E-03	-1.4016692E-03
56	-1.4931245E-03	-1.3667154E-03
57	-1.7621914E-03	-1.3224748E-03
58	-2.0215528E-03	-1.2698092E-03
59	-2.2696142E-03	-1.2096316E-03
60	-2.5049692E-03	-1.1429109E-03
61	-2.7264111E-03	-1.0706778E-03
62	-2.9329461E-03	-9.9403146E-04
63	-3.1238078E-03	-9.1414661E-04
64	-3.2984727E-03	-8.3228098E-04
65	-3.4566776E-03	-7.4977641E-04
66	-3.5984255E-03	-6.6790481E-04
67	-3.7239525E-03	-5.8772836E-04
68	-3.8336881E-03	-5.1012140E-04
69	-3.9282195E-03	-4.3579000E-04
70	-4.0082595E-03	-3.6528980E-04
71	-4.0746189E-03	-2.9904220E-04
72	-4.1281801E-03	-2.3734901E-04

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73	-4.1698745E-03	-1.8039675E-04
74	-4.2006608E-03	-1.2827510E-04
75	-4.2215079E-03	-8.1002568E-05
76	-4.2333822E-03	-3.8535090E-05
77	-4.2372356E-03	-7.7380143E-07
78	-4.2339956E-03	3.2427916E-05
79	-4.2245559E-03	6.1258170E-05
80	-4.2097689E-03	8.5940934E-05
81	-4.1904390E-03	1.0673104E-04
82	-4.1673172E-03	1.2390975E-04
83	-4.1410957E-03	1.3778080E-04
84	-4.1124039E-03	1.4866702E-04
85	-4.0818052E-03	1.5690734E-04
86	-4.0497939E-03	1.6285417E-04
87	-4.0167922E-03	1.6687124E-04
88	-3.9831491E-03	1.6933163E-04
89	-3.9491380E-03	1.7061619E-04
90	-3.9149535E-03	1.7111211E-04
91	-3.8807178E-03	1.7121164E-04









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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:46

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
CURRENT TIME IS 4.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				

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33	0.000	--	--	--	REMOVED	--	-6.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-6.600	0.000	1.000	1.000
34	0.000	--	--	--	REMOVED	--	-6.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.000	0.000	1.000	1.000
35	0.000	--	--	--	REMOVED	--	-7.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.400	0.000	1.000	1.000
36	0.000	--	--	--	REMOVED	--	-7.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.800	0.000	1.000	1.000
37	0.000	--	--	--	REMOVED	--	-8.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.200	0.000	1.000	1.000
38	0.000	--	--	--	REMOVED	--	-8.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.600	0.000	1.000	1.000
39	0.000	--	--	--	REMOVED	--	-8.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.000	0.000	1.000	1.000
40	0.000	--	--	--	REMOVED	--	-9.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.400	0.000	1.000	1.000
41	0.000	--	--	--	REMOVED	--	-9.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.800	0.000	1.000	1.000
42	0.000	--	--	--	REMOVED	--	-10.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-10.200	0.000	1.000	1.000
43	0.000	--	--	--	REMOVED	--	-10.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-10.600	0.000	1.000	1.000
44	0.000	--	--	--	REMOVED	--	-10.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.000	0.000	1.000	1.000
45	0.000	--	--	--	REMOVED	--	-11.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.400	0.000	1.000	1.000
46	0.000	--	--	--	REMOVED	--	-11.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.800	0.000	1.000	1.000
47	0.000	--	--	--	REMOVED	--	-12.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-12.200	0.000	1.000	1.000
48	0.000	--	--	--	REMOVED	--	-12.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-12.600	0.000	1.000	1.000
49 D	25.15	4.9338E-04	2.140 125.8 114.1	153.2	PASSIVE	0.000	-9.600	0.000	1.000	1.000
125.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
50 D	31.59	2.1463E-04	6.420 158.0 116.6	158.0	PASSIVE	0.000	-9.800	0.000	1.000	1.000
158.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
51 D	38.03	-6.9918E-05	10.70 190.1 119.0	190.1	PASSIVE	0.000	-10.000	0.000	1.000	1.000
190.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
52 D	49.76	-3.5770E-04	12.97 246.6 121.4	249.0	UL-RL	2.2479E+04	-10.200	2.171	1.000	1.000
248.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
53 D	52.02	-6.4624E-04	15.24 255.8 123.9	264.8	UL-RL	2.2479E+04	-10.400	4.343	1.000	1.000
260.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
54 D	54.30	-9.3313E-04	17.51 265.0 126.3	280.6	UL-RL	2.2479E+04	-10.600	6.514	1.000	1.000
271.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
55 D	56.59	-1.2161E-03	19.77 274.3 128.8	296.5	UL-RL	2.2479E+04	-10.800	8.686	1.000	1.000
283.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
56 D	58.92	-1.4931E-03	22.04 283.7 131.2	312.3	UL-RL	2.2479E+04	-11.000	10.86	1.000	1.000
294.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
57 D	61.28	-1.7622E-03	24.31 293.4 133.6	328.1	UL-RL	2.2479E+04	-11.200	13.03	1.000	1.000
306.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
58 D	63.69	-2.0216E-03	26.58 303.3 136.1	344.0	UL-RL	2.2479E+04	-11.400	15.20	1.000	1.000
318.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
59 D	66.16	-2.2696E-03	28.85 313.4 138.5	359.8	UL-RL	2.2479E+04	-11.600	17.37	1.000	1.000
330.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
60 D	68.68	-2.5050E-03	31.12 323.9 141.0	375.6	UL-RL	2.2479E+04	-11.800	19.54	1.000	1.000
343.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
61 D	71.27	-2.7264E-03	33.39 334.7 143.4	391.5	UL-RL	2.2479E+04	-12.000	21.71	1.000	1.000
356.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
62 D	73.93	-2.9329E-03	35.65 345.8 145.8	407.3	UL-RL	2.2479E+04	-12.200	23.89	1.000	1.000
369.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
63 D	76.67	-3.1238E-03	37.92 357.3 148.3	423.1	UL-RL	2.2479E+04	-12.400	26.06	1.000	1.000
383.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
64 D	79.26	-3.2985E-03	40.19 368.1 150.7	437.9	UL-RL	2.2479E+04	-12.600	28.23	1.000	1.000
396.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
65 D	77.01	-3.4567E-03	42.46 354.6 153.2	428.0	UL-RL	2.2479E+04	-12.800	30.40	1.000	1.000
385.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
66 D	75.07	-3.5984E-03	44.73 342.8 155.6	419.4	UL-RL	2.2479E+04	-13.000	32.57	1.000	1.000
375.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
67 D	73.41	-3.7240E-03	47.00 332.3 158.0	411.7	UL-RL	2.2479E+04	-13.200	34.74	1.000	1.000
367.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
68 D	71.99	-3.8337E-03	49.27 323.0 160.5	404.9	UL-RL	2.2479E+04	-13.400	36.91	1.000	1.000
359.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
69 D	70.78	-3.9282E-03	51.53 314.8 162.9	398.9	UL-RL	2.2479E+04	-13.600	39.09	1.000	1.000
353.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
70 D	69.78	-4.0083E-03	53.80 307.6 165.4	393.5	UL-RL	2.2479E+04	-13.800	41.26	1.000	1.000
348.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
71 D	68.95	-4.0746E-03	56.07 301.3 167.8	388.6	UL-RL	2.2479E+04	-14.000	43.43	1.000	1.000
344.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
72 D	67.44	-4.1282E-03	57.96 291.6 169.9	380.1	UL-RL	2.2479E+04	-14.200	45.60	1.000	1.000
337.2	0.000	0.000	Limosabbiosol_237_225_L_0							
73 D	67.05	-4.1699E-03	59.85 287.5 171.9	376.9	UL-RL	2.2479E+04	-14.400	47.77	1.000	1.000
335.3	0.000	0.000	Limosabbiosol_237_225_L_0							
74 D	66.77	-4.2007E-03	61.74 283.9 174.0	374.0	UL-RL	2.2479E+04	-14.600	49.94	1.000	1.000
333.8	0.000	0.000	Limosabbiosol_237_225_L_0							
75 D	66.58	-4.2215E-03	63.63 280.8 176.0	371.3	UL-RL	2.2479E+04	-14.800	52.11	1.000	1.000
332.9	0.000	0.000	Limosabbiosol_237_225_L_0							
76 D	66.48	-4.2334E-03	65.51 278.1 178.1	368.9	UL-RL	2.2479E+04	-15.000	54.29	1.000	1.000
332.4	0.000	0.000	Limosabbiosol_237_225_L_0							
77 D	66.45	-4.2372E-03	67.40 275.8 180.2	366.7	UL-RL	2.2479E+04	-15.200	56.46	1.000	1.000
332.3	0.000	0.000	Limosabbiosol_237_225_L_0							



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78 D	66.50	-4.2340E-03	69.29 273.9 182.2	364.6	UL-RL 2.2479E+04 -15.40 58.63 1.000 1.000
332.5	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	66.62	-4.2246E-03	71.18 272.3 184.3	362.8	UL-RL 2.2479E+04 -15.60 60.80 1.000 1.000
333.1	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	66.79	-4.2098E-03	73.07 271.0 186.3	361.1	UL-RL 2.2479E+04 -15.80 62.97 1.000 1.000
333.9	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	67.01	-4.1904E-03	74.96 269.9 188.4	359.6	UL-RL 2.2479E+04 -16.00 65.14 1.000 1.000
335.1	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	67.28	-4.1673E-03	76.85 269.1 190.5	358.2	UL-RL 2.2479E+04 -16.20 67.31 1.000 1.000
336.4	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	67.59	-4.1411E-03	78.73 268.5 192.5	356.9	UL-RL 2.2479E+04 -16.40 69.49 1.000 1.000
337.9	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	67.94	-4.1124E-03	80.62 268.0 194.6	355.8	UL-RL 2.2479E+04 -16.60 71.66 1.000 1.000
339.7	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	68.31	-4.0818E-03	82.51 267.7 196.6	354.8	UL-RL 2.2479E+04 -16.80 73.83 1.000 1.000
341.6	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	68.72	-4.0498E-03	84.40 267.6 198.7	353.9	UL-RL 2.2479E+04 -17.00 76.00 1.000 1.000
343.6	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	69.15	-4.0168E-03	86.29 267.6 200.8	353.1	UL-RL 2.2479E+04 -17.20 78.17 1.000 1.000
345.8	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	69.61	-3.9831E-03	88.18 267.7 202.8	352.4	UL-RL 2.2479E+04 -17.40 80.34 1.000 1.000
348.0	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	70.08	-3.9491E-03	90.07 267.9 204.9	351.8	UL-RL 2.2479E+04 -17.60 82.51 1.000 1.000
350.4	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	70.57	-3.9150E-03	91.95 268.2 206.9	351.3	UL-RL 2.2479E+04 -17.80 84.69 1.000 1.000
352.9	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	35.54	-3.8807E-03	93.84 268.5 209.0	350.9	UL-RL 2.2479E+04 -18.00 86.86 1.000 1.000
355.4	0.000	0.000	Limosabbiosol_237_225_L_0		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:46

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 4.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.1183	-1.1183	2.49756E-12	0.22365
2	3.7630	-3.7630	-0.22365	0.97625
3	6.6944	-6.6944	-0.97625	2.3151
4	10.013	-10.013	-2.3151	4.3177
5	14.252	-14.252	-4.3177	7.1680
6	19.276	-19.276	-7.1680	11.023
7	24.971	-24.971	-11.023	16.018
8	31.264	-31.264	-16.018	22.270
9	38.762	-38.762	-22.270	30.023
10	45.840	-45.840	-30.023	39.191
11	52.510	-52.510	-39.191	49.693
12	58.800	-58.800	-49.693	61.453
13	65.282	-65.282	-61.453	74.509
14	71.982	-71.982	-74.509	88.906
15	78.856	-78.856	-88.906	104.68
16	-163.66	163.66	-104.68	71.946
17	-156.56	156.56	-71.946	40.633
18	-149.42	149.42	-40.633	10.750
19	-142.24	142.24	-10.750	-17.698
20	-135.05	135.05	17.698	-44.708
21	-127.84	127.84	44.708	-70.276
22	-120.61	120.61	70.276	-94.398
23	-113.34	113.34	94.398	-117.07
24	-106.01	106.01	117.07	-138.27
25	-98.579	98.579	138.27	-157.98
26	-91.015	91.015	157.98	-176.19
27	-86.606	86.606	176.19	-193.51
28	-82.041	82.041	193.51	-209.92
29	-77.246	77.246	209.92	-225.37
30	-72.140	72.140	225.37	-239.79
31	-66.636	66.636	239.79	-253.12
32	-60.641	60.641	253.12	-265.25
33	-54.055	54.055	265.25	-276.06
34	-46.775	46.775	276.06	-285.41
35	-38.691	38.691	285.41	-293.15
36	-29.693	29.693	293.15	-299.09
37	-19.663	19.663	299.09	-303.02
38	-8.4851	8.4851	303.02	-304.72
39	3.9619	-3.9619	304.72	-303.93
40	17.798	-17.798	303.93	-300.37
41	33.144	-33.144	300.37	-293.74
42	50.117	-50.117	293.74	-283.72
43	68.766	-68.766	283.72	-269.96
44	89.247	-89.247	269.96	-252.11
45	111.74	-111.74	252.11	-229.77
46	136.36	-136.36	229.77	-202.49
47	163.21	-163.21	202.49	-169.85
48	192.39	-192.39	169.85	-131.38
49	198.81	-198.81	131.38	-91.614
50	201.25	-201.25	91.614	-51.364
51	199.77	-199.77	51.364	-11.411
52	189.20	-189.20	11.411	26.429
53	177.97	-177.97	-26.429	62.023
54	166.09	-166.09	-62.023	95.240
55	153.55	-153.55	-95.240	125.95
56	140.29	-140.29	-125.95	154.01
57	126.27	-126.27	-154.01	179.26
58	111.41	-111.41	-179.26	201.55
59	95.617	-95.617	-201.55	220.67
60	78.797	-78.797	-220.67	236.43
61	60.839	-60.839	-236.43	248.60
62	41.629	-41.629	-248.60	256.92
63	21.043	-21.043	-256.92	261.13
64	-0.82739	0.82739	-261.13	260.96
65	-19.200	19.200	-260.96	257.12
66	-34.436	34.436	-257.12	250.24
67	-46.863	46.863	-250.24	240.86
68	-56.777	56.777	-240.86	229.51

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69	-64.444	64.444	-229.51	216.62
70	-70.109	70.109	-216.62	202.60
71	-73.994	73.994	-202.60	187.80
72	-76.011	76.011	-187.80	172.60
73	-76.831	76.831	-172.60	157.23
74	-76.597	76.597	-157.23	141.91
75	-75.437	75.437	-141.91	126.82
76	-73.469	73.469	-126.82	112.13
77	-70.798	70.798	-112.13	97.972
78	-67.517	67.517	-97.972	84.468
79	-63.711	63.711	-84.468	71.726
80	-59.454	59.454	-71.726	59.835
81	-54.812	54.812	-59.835	48.873
82	-49.843	49.843	-48.873	38.904
83	-44.598	44.598	-38.904	29.985
84	-39.120	39.120	-29.985	22.161
85	-33.447	33.447	-22.161	15.471
86	-27.612	27.612	-15.471	9.9490
87	-21.642	21.642	-9.9490	5.6206
88	-15.562	15.562	-5.6206	2.5082
89	-9.3915	9.3915	-2.5082	0.62983
90	-3.1492	3.1492	-0.62983	3.34444E-11



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                NewProject.BaseDesignSection_28.A1M1R1R3pertiranti_3775
                Exe Time : 8 June 2018      11:15:46
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :  
 ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 4.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	258.32	-1.13764E-03	8.81901E-04	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

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ITER 0 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.1916E+07 RIMNOR=0.5233E+07
      RENORM=0.6159E-02 REMNOR=0.2607E-18 RATIO =0.5669E-04 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 249.5      RMMAX = 304.7
      RTSMAL=0.1000E-02 RMSMAL=0.1000E-02
      RDT =0.1916E+07 RDR =0.5233E+07
      RATIOT=0.5669E-04 RATIOR= 0.000
      MAX UN=0.1833E-08 IEQ= 73 NODE      37 DOF 1 Y-DISPL.F
      MIN UN=-.4716E-01 IEQ= 1 NODE      1 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

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ITER 1 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.1916E+07 RIMNOR=0.5233E+07
      RENORM=0.3872E-05 REMNOR=0.3157E-19 RATIO =0.1422E-05 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 249.5      RMMAX = 304.7
      RTSMAL=0.1000E-02 RMSMAL=0.1000E-02
      RDT =0.1916E+07 RDR =0.5233E+07
      RATIOT=0.1422E-05 RATIOR= 0.000
      MAX UN=0.5883E-09 IEQ= 71 NODE      36 DOF 1 Y-DISPL.F
      MIN UN=-.1246E-02 IEQ= 3 NODE      2 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

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ITER 2 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.1916E+07 RIMNOR=0.5233E+07
      RENORM=0.4686E-09 REMNOR=0.2347E-19 RATIO =0.1564E-07 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 249.5      RMMAX = 304.7
      RTSMAL=0.1000E-02 RMSMAL=0.1000E-02
      RDT =0.1916E+07 RDR =0.5233E+07
      RATIOT=0.1564E-07 RATIOR= 0.000
      MAX UN=0.1113E-08 IEQ= 173 NODE      87 DOF 1 Y-DISPL.F
      MIN UN=-.2139E-04 IEQ= 167 NODE      84 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
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New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 5 ( AT TIME 5.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	2.1619105E-05	4.2780285E-04	
2	1.0718193E-04	4.2783674E-04	
3	1.9276380E-04	4.2802061E-04	
4	2.7841184E-04	4.2852943E-04	
5	3.6421042E-04	4.2956091E-04	
6	4.5028699E-04	4.3135409E-04	
7	5.3682236E-04	4.3420193E-04	
8	6.2406067E-04	4.3844336E-04	
9	7.1231788E-04	4.4445741E-04	
10	8.0199089E-04	4.5268041E-04	
11	8.9356807E-04	4.6357380E-04	
12	9.8762746E-04	4.7757279E-04	
13	1.0848316E-03	4.9508761E-04	
14	1.1859238E-03	5.1652251E-04	
15	1.2917297E-03	5.4229462E-04	
16	1.4031595E-03	5.7283341E-04	
17	1.5206844E-03	6.0069206E-04	
18	1.6427616E-03	6.1843060E-04	
19	1.7674120E-03	6.2649938E-04	
20	1.8927469E-03	6.2535131E-04	
21	2.0169684E-03	6.1544074E-04	
22	2.1383694E-03	5.9722300E-04	
23	2.2553342E-03	5.7115459E-04	
24	2.3663379E-03	5.3769411E-04	
25	2.4699492E-03	4.9730281E-04	
26	2.5648281E-03	4.5044747E-04	
27	2.6497289E-03	3.9760199E-04	
28	2.7234947E-03	3.3914482E-04	
29	2.7850313E-03	2.7535999E-04	
30	2.8333029E-03	2.0654270E-04	
31	2.8673338E-03	1.3300616E-04	
32	2.8862131E-03	5.5085687E-05	
33	2.8891000E-03	-2.6855303E-05	
34	2.8752295E-03	-1.1241920E-04	
35	2.8439202E-03	-2.0116736E-04	
36	2.7945827E-03	-2.9261511E-04	
37	2.7267302E-03	-3.8622220E-04	
38	2.6399900E-03	-4.8138729E-04	
39	2.5341161E-03	-5.7744013E-04	
40	2.4090052E-03	-6.7363361E-04	
41	2.2647092E-03	-7.6913805E-04	
42	2.1014574E-03	-8.6303070E-04	
43	1.9196725E-03	-9.5429013E-04	
44	1.7199920E-03	-1.0417905E-03	
45	1.5032905E-03	-1.1242948E-03	
46	1.2706987E-03	-1.2004456E-03	
47	1.0236351E-03	-1.2687535E-03	
48	7.6382860E-04	-1.3275917E-03	
49	4.9334776E-04	-1.3751896E-03	
50	2.1457853E-04	-1.4104219E-03	
51	-6.9976598E-05	-1.4330089E-03	
52	-3.5777418E-04	-1.4429197E-03	
53	-6.4631915E-04	-1.4405369E-03	
54	-9.3321538E-04	-1.4265506E-03	
55	-1.2162145E-03	-1.4016911E-03	
56	-1.4932184E-03	-1.3667304E-03	
57	-1.7622876E-03	-1.3224836E-03	
58	-2.0216502E-03	-1.2698126E-03	
59	-2.2697119E-03	-1.2096302E-03	
60	-2.5050661E-03	-1.1429053E-03	
61	-2.7265065E-03	-1.0706686E-03	
62	-2.9330394E-03	-9.9401928E-04	
63	-3.1238984E-03	-9.1413187E-04	
64	-3.2985601E-03	-8.3226414E-04	
65	-3.4567615E-03	-7.4975787E-04	
66	-3.5985055E-03	-6.6788492E-04	
67	-3.7240285E-03	-5.8770745E-04	
68	-3.8337598E-03	-5.1009974E-04	
69	-3.9282868E-03	-4.3576784E-04	
70	-4.0083224E-03	-3.6526735E-04	
71	-4.0746772E-03	-2.9901963E-04	
72	-4.1282339E-03	-2.3732647E-04	

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73	-4.1699239E-03	-1.8037436E-04
74	-4.2007057E-03	-1.2825296E-04
75	-4.2215483E-03	-8.0980746E-05
76	-4.2334183E-03	-3.8513638E-05
77	-4.2372675E-03	-7.5275110E-07
78	-4.2340234E-03	3.2448549E-05
79	-4.2245795E-03	6.1278385E-05
80	-4.2097885E-03	8.5960744E-05
81	-4.1904548E-03	1.0675047E-04
82	-4.1673291E-03	1.2392882E-04
83	-4.1411037E-03	1.3779956E-04
84	-4.1124082E-03	1.4868551E-04
85	-4.0818059E-03	1.5692560E-04
86	-4.0497909E-03	1.6287226E-04
87	-4.0167857E-03	1.6688920E-04
88	-3.9831390E-03	1.6934951E-04
89	-3.9491243E-03	1.7063402E-04
90	-3.9149363E-03	1.7112992E-04
91	-3.8806970E-03	1.7122944E-04







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78 D 69.78 4.2340E-03 304.1 285.8 304.1	285.8	V-C	1.6355E+04 -15.40	63.09	1.000 1.000
348.9 0.000 0.000 Limosabbiosol_237_225_L_0					
79 D 70.42 4.2246E-03 306.6 287.2 306.6	287.2	V-C	1.6355E+04 -15.60	64.91	1.000 1.000
352.1 0.000 0.000 Limosabbiosol_237_225_L_0					
80 D 71.04 4.2098E-03 308.8 288.5 308.8	288.5	V-C	1.6355E+04 -15.80	66.74	1.000 1.000
355.2 0.000 0.000 Limosabbiosol_237_225_L_0					
81 D 71.65 4.1905E-03 311.1 289.7 311.1	289.7	V-C	1.6355E+04 -16.00	68.57	1.000 1.000
358.3 0.000 0.000 Limosabbiosol_237_225_L_0					
82 D 72.25 4.1673E-03 313.4 290.8 313.4	290.8	V-C	1.6355E+04 -16.20	70.40	1.000 1.000
361.2 0.000 0.000 Limosabbiosol_237_225_L_0					
83 D 72.84 4.1411E-03 315.9 291.9 315.9	291.9	V-C	1.6355E+04 -16.40	72.23	1.000 1.000
364.2 0.000 0.000 Limosabbiosol_237_225_L_0					
84 D 73.41 4.1124E-03 317.9 293.0 317.9	293.0	V-C	1.6355E+04 -16.60	74.06	1.000 1.000
367.1 0.000 0.000 Limosabbiosol_237_225_L_0					
85 D 73.99 4.0818E-03 320.4 294.1 320.4	294.1	V-C	1.6355E+04 -16.80	75.89	1.000 1.000
369.9 0.000 0.000 Limosabbiosol_237_225_L_0					
86 D 74.56 4.0498E-03 322.6 295.1 322.6	295.1	UL-RL	4.0888E+04 -17.00	77.71	1.000 1.000
372.8 0.000 0.000 Limosabbiosol_237_225_L_0					
87 D 75.12 4.0168E-03 325.1 296.1 325.1	296.1	UL-RL	4.0888E+04 -17.20	79.54	1.000 1.000
375.6 0.000 0.000 Limosabbiosol_237_225_L_0					
88 D 75.69 3.9831E-03 327.2 297.1 327.2	297.1	UL-RL	4.0888E+04 -17.40	81.37	1.000 1.000
378.4 0.000 0.000 Limosabbiosol_237_225_L_0					
89 D 76.25 3.9491E-03 329.6 298.1 329.6	298.1	UL-RL	4.0888E+04 -17.60	83.20	1.000 1.000
381.3 0.000 0.000 Limosabbiosol_237_225_L_0					
90 D 76.81 3.9149E-03 331.9 299.0 331.9	299.0	UL-RL	4.0888E+04 -17.80	85.03	1.000 1.000
384.1 0.000 0.000 Limosabbiosol_237_225_L_0					
91 D 38.69 3.8807E-03 334.1 300.0 334.1	300.0	UL-RL	4.0888E+04 -18.00	86.86	1.000 1.000
386.9 0.000 0.000 Limosabbiosol_237_225_L_0					



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:15:46

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
CURRENT TIME IS 5.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				

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33	0.000	--	--	--	REMOVED	--	-6.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-6.600	0.000	1.000	1.000
34	0.000	--	--	--	REMOVED	--	-6.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.000	0.000	1.000	1.000
35	0.000	--	--	--	REMOVED	--	-7.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.400	0.000	1.000	1.000
36	0.000	--	--	--	REMOVED	--	-7.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.800	0.000	1.000	1.000
37	0.000	--	--	--	REMOVED	--	-8.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.200	0.000	1.000	1.000
38	0.000	--	--	--	REMOVED	--	-8.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.600	0.000	1.000	1.000
39	0.000	--	--	--	REMOVED	--	-8.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.000	0.000	1.000	1.000
40	0.000	--	--	--	REMOVED	--	-9.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.400	0.000	1.000	1.000
41	0.000	--	--	--	REMOVED	--	2.140	0.000	1.000	1.000
0.000	0.000	0.000	not available	153.2	UL-RL	1.6541E+04	-9.600	0.000	1.000	1.000
42	0.000	--	--	--	REMOVED	--	6.420	0.000	1.000	1.000
0.000	0.000	0.000	not available	158.0	UL-RL	1.6541E+04	-9.800	0.000	1.000	1.000
43	0.000	--	--	--	REMOVED	--	15.24	0.000	1.000	1.000
0.000	0.000	0.000	not available	190.1	UL-RL	1.6541E+04	-10.00	0.000	1.000	1.000
44	0.000	--	--	--	REMOVED	--	10.70	0.000	1.000	1.000
0.000	0.000	0.000	not available	249.0	UL-RL	2.2479E+04	-10.20	2.171	1.000	1.000
45	0.000	--	--	--	REMOVED	--	12.97	0.000	1.000	1.000
0.000	0.000	0.000	not available	264.8	UL-RL	2.2479E+04	-10.40	4.343	1.000	1.000
46	0.000	--	--	--	REMOVED	--	15.24	0.000	1.000	1.000
0.000	0.000	0.000	not available	280.6	UL-RL	2.2479E+04	-10.60	6.514	1.000	1.000
47	0.000	--	--	--	REMOVED	--	17.51	0.000	1.000	1.000
0.000	0.000	0.000	not available	296.5	UL-RL	2.2479E+04	-10.80	8.686	1.000	1.000
48	0.000	--	--	--	REMOVED	--	19.77	0.000	1.000	1.000
0.000	0.000	0.000	not available	312.3	UL-RL	2.2479E+04	-11.00	10.86	1.000	1.000
49	0.000	--	--	--	REMOVED	--	22.04	0.000	1.000	1.000
0.000	0.000	0.000	not available	328.1	UL-RL	2.2479E+04	-11.20	13.03	1.000	1.000
50	31.59	2.1458E-04	6.420	158.0	116.6	158.0	24.31	0.000	1.000	1.000
50 D	31.59	2.1458E-04	6.420	158.0	116.6	158.0	24.31	0.000	1.000	1.000
158.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	344.0	UL-RL	2.2479E+04	-11.40	15.20	1.000	1.000
51 D	38.03	-6.9977E-05	10.70	190.1	119.0	190.1	26.58	0.000	1.000	1.000
190.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	359.8	UL-RL	2.2479E+04	-11.60	17.37	1.000	1.000
52 D	49.76	-3.5777E-04	12.97	246.6	121.4	249.0	28.85	0.000	1.000	1.000
248.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	375.6	UL-RL	2.2479E+04	-11.80	19.54	1.000	1.000
53 D	52.02	-6.4632E-04	15.24	255.8	123.9	264.8	31.12	0.000	1.000	1.000
260.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	391.5	UL-RL	2.2479E+04	-12.00	21.71	1.000	1.000
54 D	54.30	-9.3322E-04	17.51	265.0	126.3	280.6	33.39	0.000	1.000	1.000
271.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	407.3	UL-RL	2.2479E+04	-12.20	23.89	1.000	1.000
55 D	56.59	-1.2162E-03	19.77	274.3	128.8	296.5	35.65	0.000	1.000	1.000
283.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	423.1	UL-RL	2.2479E+04	-12.40	26.06	1.000	1.000
56 D	58.92	-1.4932E-03	22.04	283.7	131.2	312.3	37.92	0.000	1.000	1.000
294.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	437.9	UL-RL	2.2479E+04	-12.60	28.23	1.000	1.000
57 D	61.28	-1.7623E-03	24.31	293.4	133.6	328.1	40.19	0.000	1.000	1.000
306.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	442.3	UL-RL	2.2479E+04	-12.80	30.40	1.000	1.000
58 D	63.69	-2.0217E-03	26.58	303.3	136.1	344.0	44.73	0.000	1.000	1.000
318.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	449.4	UL-RL	2.2479E+04	-13.00	32.57	1.000	1.000
59 D	66.16	-2.2697E-03	28.85	313.4	138.5	359.8	47.00	0.000	1.000	1.000
330.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	411.7	UL-RL	2.2479E+04	-13.20	34.74	1.000	1.000
60 D	68.68	-2.5051E-03	31.12	323.9	141.0	375.6	49.27	0.000	1.000	1.000
343.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	404.9	UL-RL	2.2479E+04	-13.40	36.91	1.000	1.000
61 D	71.27	-2.7265E-03	33.39	334.7	143.4	391.5	51.53	0.000	1.000	1.000
356.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	398.9	UL-RL	2.2479E+04	-13.60	39.09	1.000	1.000
62 D	73.93	-2.9330E-03	35.65	345.8	145.8	407.3	53.80	0.000	1.000	1.000
369.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	393.5	UL-RL	2.2479E+04	-13.80	41.26	1.000	1.000
63 D	76.67	-3.1239E-03	37.92	357.3	148.3	423.1	56.07	0.000	1.000	1.000
383.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	388.6	UL-RL	2.2479E+04	-14.00	43.43	1.000	1.000
64 D	79.26	-3.2986E-03	40.19	368.1	150.7	437.9	57.96	0.000	1.000	1.000
396.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	380.1	UL-RL	2.2479E+04	-14.20	45.60	1.000	1.000
65 D	77.01	-3.4568E-03	42.46	354.6	153.2	428.0	59.85	0.000	1.000	1.000
385.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	376.9	UL-RL	2.2479E+04	-14.40	47.77	1.000	1.000
66 D	75.07	-3.5985E-03	44.73	342.8	155.6	419.4	61.74	0.000	1.000	1.000
375.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	374.0	UL-RL	2.2479E+04	-14.60	49.94	1.000	1.000
67 D	73.41	-3.7240E-03	47.00	332.3	158.0	411.7	63.63	0.000	1.000	1.000
367.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	371.3	UL-RL	2.2479E+04	-14.80	52.11	1.000	1.000
68 D	71.99	-3.8338E-03	49.27	323.0	160.5	404.9	65.51	0.000	1.000	1.000
359.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	368.9	UL-RL	2.2479E+04	-15.00	54.29	1.000	1.000
69 D	70.78	-3.9283E-03	51.53	314.8	162.9	398.9	67.40	0.000	1.000	1.000
353.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	366.7	UL-RL	2.2479E+04	-15.20	56.46	1.000	1.000
70 D	69.78	-4.0083E-03	53.80	307.6	165.4	393.5	69.85	0.000	1.000	1.000
348.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	367.9	UL-RL	2.2479E+04	-15.40	58.23	1.000	1.000
71 D	68.95	-4.0747E-03	56.07	301.3	167.8	388.6	71.27	0.000	1.000	1.000
344.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	367.9	UL-RL	2.2479E+04	-15.60	60.61	1.000	1.000
72 D	67.44	-4.1282E-03	57.96	291.6	169.9	380.1	73.93	0.000	1.000	1.000
337.2	0.000	0.000	Limosabbiosol_237_225_L_0	367.9	UL-RL	2.2479E+04	-15.80	63.01	1.000	1.000
73 D	67.05	-4.1699E-03	59.85	287.5	171.9	376.9	76.67	0.000	1.000	1.000
335.2	0.000	0.000	Limosabbiosol_237_225_L_0	367.9	UL-RL	2.2479E+04	-16.00	65.19	1.000	1.000
74 D	66.77	-4.2007E-03	61.74	283.9	174.0	374.0	79.26	0.000	1.000	1.000
333.8	0.000	0.000	Limosabbiosol_237_225_L_0	367.9	UL-RL	2.2479E+04	-16.20	67.57	1.000	1.000
75 D	66.58	-4.2215E-03	63.63	280.8	176.0	371.3	81.28	0.000	1.000	1.000
332.9	0.000	0.000	Limosabbiosol_237_225_L_0	367.9	UL-RL	2.2479E+04	-16.40	69.99	1.000	1.000
76 D	66.48	-4.2334E-03	65.51	278.1	178.1	368.9	83.69	0.000	1.000	1.000
332.4	0.000	0.000	Limosabbiosol_237_225_L_0	367.9	UL-RL	2.2479E+04	-16.60	72.11	1.000	1.000
77 D	66.45	-4.2373E-03	67.40	275.8	180.2	366.7	85.68	0.000	1.000	1.000
332.3	0.000	0.000	Limosabbiosol_237_225_L_0	367.9	UL-RL	2.2479E+04	-16.80	74.53	1.000	1.000

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78 D	66.50	-4.2340E-03	69.29 273.9 182.2	364.6	UL-RL 2.2479E+04 -15.40 58.63 1.000 1.000
332.5	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	66.62	-4.2246E-03	71.18 272.3 184.3	362.8	UL-RL 2.2479E+04 -15.60 60.80 1.000 1.000
333.1	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	66.79	-4.2098E-03	73.07 271.0 186.3	361.1	UL-RL 2.2479E+04 -15.80 62.97 1.000 1.000
333.9	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	67.01	-4.1905E-03	74.96 269.9 188.4	359.6	UL-RL 2.2479E+04 -16.00 65.14 1.000 1.000
335.1	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	67.28	-4.1673E-03	76.85 269.1 190.5	358.2	UL-RL 2.2479E+04 -16.20 67.31 1.000 1.000
336.4	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	67.59	-4.1411E-03	78.73 268.5 192.5	356.9	UL-RL 2.2479E+04 -16.40 69.49 1.000 1.000
337.9	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	67.94	-4.1124E-03	80.62 268.0 194.6	355.8	UL-RL 2.2479E+04 -16.60 71.66 1.000 1.000
339.7	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	68.31	-4.0818E-03	82.51 267.7 196.6	354.8	UL-RL 2.2479E+04 -16.80 73.83 1.000 1.000
341.6	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	68.72	-4.0498E-03	84.40 267.6 198.7	353.9	UL-RL 2.2479E+04 -17.00 76.00 1.000 1.000
343.6	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	69.15	-4.0168E-03	86.29 267.6 200.8	353.1	UL-RL 2.2479E+04 -17.20 78.17 1.000 1.000
345.8	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	69.61	-3.9831E-03	88.18 267.7 202.8	352.4	UL-RL 2.2479E+04 -17.40 80.34 1.000 1.000
348.0	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	70.08	-3.9491E-03	90.07 267.9 204.9	351.8	UL-RL 2.2479E+04 -17.60 82.51 1.000 1.000
350.4	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	70.57	-3.9149E-03	91.95 268.2 206.9	351.3	UL-RL 2.2479E+04 -17.80 84.69 1.000 1.000
352.9	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	35.54	-3.8807E-03	93.84 268.5 209.0	350.9	UL-RL 2.2479E+04 -18.00 86.86 1.000 1.000
355.4	0.000	0.000	Limosabbiosol_237_225_L_0		

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 5.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.0722	-1.0722	2.77112E-13	0.21445
2	3.6734	-3.6734	-0.21445	0.94912
3	6.6080	-6.6080	-0.94912	2.2707
4	9.9292	-9.9292	-2.2707	4.2566
5	14.171	-14.171	-4.2566	7.0908
6	19.198	-19.198	-7.0908	10.930
7	24.896	-24.896	-10.930	15.910
8	31.191	-31.191	-15.910	22.148
9	38.701	-38.701	-22.148	29.888
10	45.791	-45.791	-29.888	39.046
11	52.471	-52.471	-39.046	49.540
12	58.771	-58.771	-49.540	61.295
13	65.262	-65.262	-61.295	74.347
14	71.969	-71.969	-74.347	88.741
15	78.851	-78.851	-88.741	104.51
16	-163.65	163.65	-104.51	71.781
17	-156.55	156.55	-71.781	40.470
18	-149.40	149.40	-40.470	10.590
19	-142.22	142.22	-10.590	-17.855
20	-135.03	135.03	17.855	-44.860
21	-127.82	127.82	44.860	-70.423
22	-120.58	120.58	70.423	-94.540
23	-113.31	113.31	94.540	-117.20
24	-105.98	105.98	117.20	-138.40
25	-98.548	98.548	138.40	-158.11
26	-90.983	90.983	158.11	-176.30
27	-86.573	86.573	176.30	-193.62
28	-82.007	82.007	193.62	-210.02
29	-77.212	77.212	210.02	-225.46
30	-72.106	72.106	225.46	-239.88
31	-66.603	66.603	239.88	-253.20
32	-60.608	60.608	253.20	-265.33
33	-54.022	54.022	265.33	-276.13
34	-46.743	46.743	276.13	-285.48
35	-38.660	38.660	285.48	-293.21
36	-29.662	29.662	293.21	-299.14
37	-19.633	19.633	299.14	-303.07
38	-8.4557	8.4557	303.07	-304.76
39	3.9907	-3.9907	304.76	-303.96
40	17.826	-17.826	303.96	-300.40
41	33.171	-33.171	300.40	-293.76
42	50.145	-50.145	293.76	-283.73
43	68.793	-68.793	283.73	-269.98
44	89.274	-89.274	269.98	-252.12
45	111.77	-111.77	252.12	-229.77
46	136.39	-136.39	229.77	-202.49
47	163.24	-163.24	202.49	-169.84
48	192.41	-192.41	169.84	-131.36
49	198.83	-198.83	131.36	-91.594
50	201.28	-201.28	91.594	-51.338
51	199.79	-199.79	51.338	-11.380
52	189.19	-189.19	11.380	26.458
53	177.95	-177.95	-26.458	62.049
54	166.08	-166.08	-62.049	95.264
55	153.53	-153.53	-95.264	125.97
56	140.28	-140.28	-125.97	154.03
57	126.26	-126.26	-154.03	179.28
58	111.40	-111.40	-179.28	201.56
59	95.608	-95.608	-201.56	220.68
60	78.788	-78.788	-220.68	236.44
61	60.831	-60.831	-236.44	248.60
62	41.622	-41.622	-248.60	256.93
63	21.037	-21.037	-256.93	261.14
64	0.83339	0.83339	-261.14	260.97
65	-19.205	19.205	-260.97	257.13
66	-34.441	34.441	-257.13	250.24
67	-46.867	46.867	-250.24	240.87
68	-56.780	56.780	-240.87	229.51

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69	-64.447	64.447	-229.51	216.62
70	-70.112	70.112	-216.62	202.60
71	-73.996	73.996	-202.60	187.80
72	-76.013	76.013	-187.80	172.60
73	-76.832	76.832	-172.60	157.23
74	-76.598	76.598	-157.23	141.91
75	-75.437	75.437	-141.91	126.82
76	-73.469	73.469	-126.82	112.13
77	-70.798	70.798	-112.13	97.970
78	-67.517	67.517	-97.970	84.467
79	-63.711	63.711	-84.467	71.725
80	-59.454	59.454	-71.725	59.834
81	-54.812	54.812	-59.834	48.872
82	-49.843	49.843	-48.872	38.903
83	-44.597	44.597	-38.903	29.984
84	-39.119	39.119	-29.984	22.160
85	-33.446	33.446	-22.160	15.471
86	-27.611	27.611	-15.471	9.9486
87	-21.641	21.641	-9.9486	5.6204
88	-15.561	15.561	-5.6204	2.5081
89	-9.3911	9.3911	-2.5081	0.62980
90	-3.1490	3.1490	-0.62980	-6.00704E-12

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New Project

S T R E S S R E S U L T S F O R G R O U P N O . 4

Tieback\_652

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
C U R R E N T T I M E I S 5.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	258.32	-1.13764E-03	8.80735E-04	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	4
4	CONVERGENCE :YES	2
5	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.39 [sec]

DATABASE CREATION CPU TIME..... 0.18 [sec]



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Cepav due



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## Design Assumption : A2+M2+R1 - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:15:46

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.A2M2R1\_3805

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) ..... 91  
NO. OF COORDINATES (NCOORD)..... 2  
NO. OF NODE DOFS (NDOF)..... 2  
NO. OF EQUATIONS (NEQ)..... 182  
NO. OF CONSTRAINTS CARDS (NVINC)..... 0  
NO. OF ELEMENT GROUPS (NEG)..... 4  
NO. OF SOLUTION STEPS (NSTE)..... 5  
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ... 0  
NO. OF RECORD FROM WALGEN ..... 502  
NO. OF LONG NAMES (LASTNAME) ..... 24  
LENGTH UNIT CHOICE ..... 3 ( M )  
FORCE UNIT CHOICE ..... 3 ( KN )  
MAX PORE PRESSURE TABLE LENGTH..... 1  
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF . 0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES kPa  
Y-DISPLACEMENTS m  
ROTATIONS RADIANS  
BEAM AND SLAB MOMENTS kN\*m/m  
BEAM SHEAR FORCES kN/m  
ANCHOR FORCES kN/m  
AXIAL FORCES IN TRUSSES kN/m  
AXIAL FORCES SPRINGS kN/m  
Y-REACTIONS kN/m  
X-MOMENT REACTIONS kN\*m/m  
ETC.

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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 502

1 : UNIT m kN  
2 : TITLE New Project  
3 : DELTA 0.2  
4 : option param itemax 40  
5 : option control hinges 0 0.0001 0.001  
6 : WALL LeftWall\_32 0 -18 0 1  
7 : SOIL 0\_L LeftWall\_32 -18 0 1 0  
8 : SOIL 0\_R LeftWall\_32 -18 0 2 180  
9 : LDATA Riporto\_2\_8\_L\_0 4 LeftWall\_32  
10 : ATREST 0.5 1 1  
11 : WEIGHT 16.8 8.3 10  
12 : PERMEABILITY 0.0001  
13 : RESISTANCE 5 23 0 0 0  
14 : YOUNG 2E+04 3.2E+04  
15 : ENDL  
16 : LDATA sabbialimosoghiaiosal\_234\_219\_L\_0 -1.5 LeftWall\_32  
17 : ATREST 0.76 2 1  
18 : WEIGHT 20.9 11.8 10  
19 : PERMEABILITY 1E-05  
20 : RESISTANCE 10 37 0 0 0  
21 : YOUNG 6E+04 1.5E+05  
22 : ENDL  
23 : LDATA Sabbialimosoghiaiosa2\_235\_220\_L\_0 -5 LeftWall\_32  
24 : ATREST 0.76 2 1  
25 : WEIGHT 21.4 12.2 10  
26 : PERMEABILITY 1E-05  
27 : RESISTANCE 20 37 0 0 0  
28 : YOUNG 7.5E+04 1.88E+05  
29 : ENDL  
30 : LDATA sabbialimosoghiaiosa3\_236\_221\_L\_0 -10 LeftWall\_32  
31 : ATREST 0.76 2 1  
32 : WEIGHT 21.4 12.2 10  
33 : PERMEABILITY 1E-05  
34 : RESISTANCE 30 36 0 0 0  
35 : YOUNG 1E+05 2.5E+05  
36 : ENDL  
37 : LDATA Limosabbiosol\_237\_225\_L\_0 -14 LeftWall\_32  
38 : ATREST 0.75 2 1  
39 : WEIGHT 19.2 10.3 10  
40 : PERMEABILITY 1E-05  
41 : RESISTANCE 30 36 0 0 0  
42 : YOUNG 1E+05 2.5E+05  
43 : ENDL  
44 : MATERIAL Fe360\_108 2.06E+08  
45 : MATERIAL C2530\_104 3.148E+07  
46 : MATERIAL acciaioarmonico\_124 2.001E+08  
47 : MATERIAL C2025\_103 2.996E+07  
48 : BEAM WallElement\_33 LeftWall\_32 -18 0 C2530\_104 0.6225 00 00 0  
49 : WIRE Tieback\_652 LeftWall\_32 -3 acciaioarmonico\_124 2.059E-05 250 15 0 0  
50 : STRIP LeftWall\_32 1 5 1.5 28.5 0 26 45  
51 : STRIP LeftWall\_32 1 1 0 0.4 0 1.68 45  
52 : STRIP LeftWall\_32 1 1 0.4 0.4 0 5.04 45  
53 : STRIP LeftWall\_32 1 1 0.8 0.4 0 8.4 45  
54 : STRIP LeftWall\_32 1 1 1.2 0.4 0 11.76 45  
55 : STRIP LeftWall\_32 1 1 1.6 0.4 0 15.12 45  
56 : STRIP LeftWall\_32 1 1 2 0.4 0 18.48 45  
57 : STRIP LeftWall\_32 1 1 2.4 0.4 0 21.84 45  
58 : STRIP LeftWall\_32 1 1 2.8 0.4 0 25.2 45  
59 : STRIP LeftWall\_32 1 1 3.2 0.4 0 28.56 45  
60 : STRIP LeftWall\_32 1 1 3.6 0.4 0 31.92 45  
61 : STRIP LeftWall\_32 1 1 4 0.4 0 35.28 45  
62 : STRIP LeftWall\_32 1 1 4.4 0.4 0 38.64 45  
63 : STRIP LeftWall\_32 1 1 4.8 0.4 0 42 45  
64 : STRIP LeftWall\_32 1 1 5.2 0.4 0 45.36 45  
65 : STRIP LeftWall\_32 1 1 5.6 0.4 0 48.72 45  
66 : STRIP LeftWall\_32 1 1 6 0.4 0 50.4 45  
67 : STRIP LeftWall\_32 1 1 6.4 0.4 0 50.4 45  
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 398 : STRIP LeftWall\_32 5 5 18.8 0.4 0 50.4 45  
 399 : STRIP LeftWall\_32 5 5 19.2 0.4 0 50.4 45  
 400 : STRIP LeftWall\_32 5 5 19.6 0.4 0 50.4 45  
 401 : STRIP LeftWall\_32 5 5 20 0.4 0 50.4 45  
 402 : STRIP LeftWall\_32 5 5 20.4 0.4 0 50.4 45  
 403 : STRIP LeftWall\_32 5 5 20.8 0.4 0 50.4 45  
 404 : STRIP LeftWall\_32 5 5 21.2 0.4 0 50.4 45  
 405 : STRIP LeftWall\_32 5 5 21.6 0.4 0 50.4 45  
 406 : STRIP LeftWall\_32 5 5 22 0.4 0 50.4 45  
 407 : STRIP LeftWall\_32 5 5 22.4 0.4 0 50.4 45  
 408 : STRIP LeftWall\_32 5 5 22.8 0.4 0 50.4 45  
 409 : STRIP LeftWall\_32 5 5 23.2 0.4 0 50.4 45  
 410 : STRIP LeftWall\_32 5 5 23.6 0.4 0 50.4 45  
 411 : STRIP LeftWall\_32 5 5 24 0.4 0 50.4 45  
 412 : STRIP LeftWall\_32 5 5 24.4 0.4 0 50.4 45  
 413 : STRIP LeftWall\_32 5 5 24.8 0.4 0 50.4 45  
 414 : STRIP LeftWall\_32 5 5 25.2 0.4 0 50.4 45  
 415 : STRIP LeftWall\_32 5 5 25.6 0.4 0 50.4 45  
 416 : STRIP LeftWall\_32 5 5 26 0.4 0 50.4 45  
 417 : STRIP LeftWall\_32 5 5 26.4 0.4 0 50.4 45  
 418 : STRIP LeftWall\_32 5 5 26.8 0.4 0 50.4 45  
 419 : STRIP LeftWall\_32 5 5 27.2 0.4 0 50.4 45  
 420 : STRIP LeftWall\_32 5 5 27.6 0.4 0 50.4 45  
 421 : STRIP LeftWall\_32 5 5 28 0.4 0 50.4 45  
 422 : STRIP LeftWall\_32 5 5 28.4 0.4 0 50.4 45  
 423 : STRIP LeftWall\_32 5 5 28.8 0.4 0 50.4 45  
 424 : STRIP LeftWall\_32 5 5 29.2 0.4 0 50.4 45  
 425 : STRIP LeftWall\_32 5 5 29.6 0.4 0 50.4 45  
 426 : STEP Stage1\_31  
 427 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=18.76 LeftWall\_32  
 428 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=18.76 LeftWall\_32  
 429 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.449 LeftWall\_32  
 430 : CHANGE Riporto\_2\_8\_L\_0 U-KP=2.415 LeftWall\_32  
 431 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.449 LeftWall\_32  
 432 : CHANGE Riporto\_2\_8\_L\_0 D-KP=2.415 LeftWall\_32  
 433 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=31.08 LeftWall\_32  
 434 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=31.08 LeftWall\_32  
 435 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.267 LeftWall\_32  
 436 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=4.957 LeftWall\_32  
 437 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.267 LeftWall\_32

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438 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KP=4.957 LeftWall\_32  
 439 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-FRICT=31.08 LeftWall\_32  
 440 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-FRICT=31.08 LeftWall\_32  
 441 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KA=0.267 LeftWall\_32  
 442 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KP=4.957 LeftWall\_32  
 443 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KA=0.267 LeftWall\_32  
 444 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=4.957 LeftWall\_32  
 445 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-FRICT=30.17 LeftWall\_32  
 446 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-FRICT=30.17 LeftWall\_32  
 447 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KA=0.278 LeftWall\_32  
 448 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KP=4.67 LeftWall\_32  
 449 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KA=0.278 LeftWall\_32  
 450 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KP=4.67 LeftWall\_32  
 451 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-FRICT=30.17 LeftWall\_32  
 452 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-FRICT=30.17 LeftWall\_32  
 453 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KA=0.278 LeftWall\_32  
 454 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KP=4.67 LeftWall\_32  
 455 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KA=0.278 LeftWall\_32  
 456 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KP=4.67 LeftWall\_32  
 457 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=4 LeftWall\_32  
 458 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 459 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=4 LeftWall\_32  
 460 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 461 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-COHE=8 LeftWall\_32  
 462 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 463 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-COHE=8 LeftWall\_32  
 464 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 465 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-COHE=16 LeftWall\_32  
 466 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 467 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-COHE=16 LeftWall\_32  
 468 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 469 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-COHE=24 LeftWall\_32  
 470 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
 471 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-COHE=24 LeftWall\_32  
 472 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
 473 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-COHE=24 LeftWall\_32  
 474 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-ADHES=0 LeftWall\_32  
 475 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-COHE=24 LeftWall\_32  
 476 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-ADHES=0 LeftWall\_32  
 477 : SETWALL LeftWall\_32  
 478 : GEOM 0 0  
 479 : WATER -0.5 0 -18 0 0  
 480 : ADD WallElement\_33  
 481 : ENDSTEP  
 482 : STEP Stage2\_240  
 483 : SETWALL LeftWall\_32  
 484 : GEOM 0 -3.5  
 485 : WATER -2.5 1.5 -18 0 0  
 486 : ENDSTEP  
 487 : STEP Stage3\_343  
 488 : SETWALL LeftWall\_32  
 489 : GEOM 0 -3.5  
 490 : WATER -2.5 1.5 -18 0 0  
 491 : ADD Tieback\_652  
 492 : ENDSTEP  
 493 : STEP Stage4\_446  
 494 : SETWALL LeftWall\_32  
 495 : GEOM 0 -9.5  
 496 : WATER -8.5 1.5 -18 0 0  
 497 : ENDSTEP  
 498 : STEP Stage5\_549  
 499 : SETWALL LeftWall\_32  
 500 : GEOM 0 -9.5  
 501 : WATER -8.5 1.5 -18 0 0  
 502 : ENDSTEP



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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.0000	/	52	0.0000	-10.2000	/
53	0.0000	-10.400	/	54	0.0000	-10.600	/	55	0.0000	-10.800	/	56	0.0000	-11.000	/
57	0.0000	-11.200	/	58	0.0000	-11.400	/	59	0.0000	-11.600	/	60	0.0000	-11.800	/
61	0.0000	-12.000	/	62	0.0000	-12.200	/	63	0.0000	-12.400	/	64	0.0000	-12.600	/
65	0.0000	-12.800	/	66	0.0000	-13.000	/	67	0.0000	-13.200	/	68	0.0000	-13.400	/
69	0.0000	-13.600	/	70	0.0000	-13.800	/	71	0.0000	-14.000	/	72	0.0000	-14.200	/
73	0.0000	-14.400	/	74	0.0000	-14.600	/	75	0.0000	-14.800	/	76	0.0000	-15.000	/
77	0.0000	-15.200	/	78	0.0000	-15.400	/	79	0.0000	-15.600	/	80	0.0000	-15.800	/
81	0.0000	-16.000	/	82	0.0000	-16.200	/	83	0.0000	-16.400	/	84	0.0000	-16.600	/
85	0.0000	-16.800	/	86	0.0000	-17.000	/	87	0.0000	-17.200	/	88	0.0000	-17.400	/
89	0.0000	-17.600	/	90	0.0000	-17.800	/	91	0.0000	-18.000	/				/

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ELEMENT GROUP NO. 1

0\_L  
5 91 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active  
4 active  
5 active

material set no. 1  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 1.00000

material set no. 2  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 2.00000

material set no. 3  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 3.00000

material set no. 4  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 4.00000

material set no. 5  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 5.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000

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29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.2000	0.000	0.000	0.000	1.000
72	72	5	0.2000	0.000	0.000	0.000	1.000
73	73	5	0.2000	0.000	0.000	0.000	1.000
74	74	5	0.2000	0.000	0.000	0.000	1.000
75	75	5	0.2000	0.000	0.000	0.000	1.000
76	76	5	0.2000	0.000	0.000	0.000	1.000
77	77	5	0.2000	0.000	0.000	0.000	1.000
78	78	5	0.2000	0.000	0.000	0.000	1.000
79	79	5	0.2000	0.000	0.000	0.000	1.000
80	80	5	0.2000	0.000	0.000	0.000	1.000
81	81	5	0.2000	0.000	0.000	0.000	1.000
82	82	5	0.2000	0.000	0.000	0.000	1.000
83	83	5	0.2000	0.000	0.000	0.000	1.000
84	84	5	0.2000	0.000	0.000	0.000	1.000
85	85	5	0.2000	0.000	0.000	0.000	1.000
86	86	5	0.2000	0.000	0.000	0.000	1.000
87	87	5	0.2000	0.000	0.000	0.000	1.000
88	88	5	0.2000	0.000	0.000	0.000	1.000
89	89	5	0.2000	0.000	0.000	0.000	1.000
90	90	5	0.2000	0.000	0.000	0.000	1.000
91	91	5	0.1000	0.000	0.000	0.000	1.000



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ELEMENT GROUP NO. 2

```

0_R
5 91 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0
    
```

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

```

stage status
-----
1 active
2 active
3 active
4 active
5 active
    
```

```

material set no. 1
prop( 1) angle 180.000
prop( 2) layer as foreseen 1.00000
    
```

```

material set no. 2
prop( 1) angle 180.000
prop( 2) layer as foreseen 2.00000
    
```

```

material set no. 3
prop( 1) angle 180.000
prop( 2) layer as foreseen 3.00000
    
```

```

material set no. 4
prop( 1) angle 180.000
prop( 2) layer as foreseen 4.00000
    
```

```

material set no. 5
prop( 1) angle 180.000
prop( 2) layer as foreseen 5.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000

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29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.2000	0.000	0.000	0.000	2.000
72	72	5	0.2000	0.000	0.000	0.000	2.000
73	73	5	0.2000	0.000	0.000	0.000	2.000
74	74	5	0.2000	0.000	0.000	0.000	2.000
75	75	5	0.2000	0.000	0.000	0.000	2.000
76	76	5	0.2000	0.000	0.000	0.000	2.000
77	77	5	0.2000	0.000	0.000	0.000	2.000
78	78	5	0.2000	0.000	0.000	0.000	2.000
79	79	5	0.2000	0.000	0.000	0.000	2.000
80	80	5	0.2000	0.000	0.000	0.000	2.000
81	81	5	0.2000	0.000	0.000	0.000	2.000
82	82	5	0.2000	0.000	0.000	0.000	2.000
83	83	5	0.2000	0.000	0.000	0.000	2.000
84	84	5	0.2000	0.000	0.000	0.000	2.000
85	85	5	0.2000	0.000	0.000	0.000	2.000
86	86	5	0.2000	0.000	0.000	0.000	2.000
87	87	5	0.2000	0.000	0.000	0.000	2.000
88	88	5	0.2000	0.000	0.000	0.000	2.000
89	89	5	0.2000	0.000	0.000	0.000	2.000
90	90	5	0.2000	0.000	0.000	0.000	2.000
91	91	5	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33

2 90 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status

- 1 active
- 2 active
- 3 active
- 4 active
- 5 active

material set no. 1

- prop( 1) young modulus 0.314800E+08
- prop( 2) modification time 0.00000
- prop( 3) new young modulus 0.00000
- prop( 4) poisson ratio 0.00000
- prop( 5) future .....0.294300E-43

no. of step variable items: 1

step inertia multiplier

- 1 1.000
- 2 1.000
- 3 1.000
- 4 1.000
- 5 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000

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42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000
46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000
71	71	72	1	0.000	0.000	0.6225	0.000	0.000
72	72	73	1	0.000	0.000	0.6225	0.000	0.000
73	73	74	1	0.000	0.000	0.6225	0.000	0.000
74	74	75	1	0.000	0.000	0.6225	0.000	0.000
75	75	76	1	0.000	0.000	0.6225	0.000	0.000
76	76	77	1	0.000	0.000	0.6225	0.000	0.000
77	77	78	1	0.000	0.000	0.6225	0.000	0.000
78	78	79	1	0.000	0.000	0.6225	0.000	0.000
79	79	80	1	0.000	0.000	0.6225	0.000	0.000
80	80	81	1	0.000	0.000	0.6225	0.000	0.000
81	81	82	1	0.000	0.000	0.6225	0.000	0.000
82	82	83	1	0.000	0.000	0.6225	0.000	0.000
83	83	84	1	0.000	0.000	0.6225	0.000	0.000
84	84	85	1	0.000	0.000	0.6225	0.000	0.000
85	85	86	1	0.000	0.000	0.6225	0.000	0.000
86	86	87	1	0.000	0.000	0.6225	0.000	0.000
87	87	88	1	0.000	0.000	0.6225	0.000	0.000
88	88	89	1	0.000	0.000	0.6225	0.000	0.000
89	89	90	1	0.000	0.000	0.6225	0.000	0.000
90	90	91	1	0.000	0.000	0.6225	0.000	0.000

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```

ELEMENT GROUP NO. 4

```

Tieback_652
6 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0

```

```

.....
.....2D POST-TENSION ANCHOR.....
.....

```

element group behaviour throughout stage analysis

```

stage  status
-----
1  inactive
2  inactive
3  active
4  active
5  active

```

material set no. 1

```

prop( 1) angle          15.0000
prop( 2) young modulus  0.200100E+09
prop( 3) modification time  0.00000
prop( 4) new young modulus  0.00000

```

no. of step variable items: 2

```

step  -ve lim  +ve lim
-----
1  0.000  0.000
2  0.000  0.000
3  0.000  0.000
4  0.000  0.000
5  0.000  0.000

```

element data

```

el  n  mat      a/l    pinit  yieldc  yieldt
-----
1  16  1    0.2059E-04  250.0  0.000  0.000

```



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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 10  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
3.80000	0.0000E+00
4.00000	0.1000E+01
4.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
4.80000	0.0000E+00
5.00000	0.1000E+01
5.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
6.00000	0.1000E+01

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LOAD FUNCTION NUMBER = 7  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 8  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 9  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000	0.0000E+00
3.80000	0.0000E+00
4.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 10  
NUMBER OF TIME POINTS = 4

TIME VALUE      FUNCTION

0.00000	0.0000E+00
4.80000	0.0000E+00
5.00000	0.1000E+01
6.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS      0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	4	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	4	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	5	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	5	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 5  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	23.000	WALL NO.	2
ITEM NO.	10	U-KA	0.44900	WALL NO.	1
ITEM NO.	11	U-KP	2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	23.000	WALL NO.	2
ITEM NO.	60	D-KA	0.44900	WALL NO.	1
ITEM NO.	61	D-KP	2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	15.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	37.000	WALL NO.	2
ITEM NO.	10	U-KA	0.26700	WALL NO.	1
ITEM NO.	11	U-KP	4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	37.000	WALL NO.	2
ITEM NO.	60	D-KA	0.26700	WALL NO.	1
ITEM NO.	61	D-KP	4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	16.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	16.000	WALL NO.	1
ITEM NO.	8	U-COHE	20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	37.000	WALL NO.	2

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ITEM NO.	10	U-KA	>= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	>= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	>= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	>= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	>= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	>= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	>= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	>= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	>= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	>= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	>= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	>= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	>= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO.	1	NAME	>= 17.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	>= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	>= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	>= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	>= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	>= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	>= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	>= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	>= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	>= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	>= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	>= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	>= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	>= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	>= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	>= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	>= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	>= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	>= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	>= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	>= 4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	>= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 1

ITEM NO.	1	NAME	>= 18.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	>= -14.000	(BOTH WALLS)	
ITEM NO.	4	WALL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	>= 19.200	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	>= 10.300	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	>= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	>= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	>= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	>= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	>= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	>= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	>= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	>= 0.75000	(BOTH WALLS)	
ITEM NO.	13	NEXP	>= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	>= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	>= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	>= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	>= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	>= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	>= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	>= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	>= 4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	>= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO.	1	NAME	>= 14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	>= 1.0000	(BOTH WALLS)	

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ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO.	1	NAME	= 15.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO.	1	NAME	= 16.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1



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ITEM NO. 77&amp;lt;D-PERM &amp;gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO.	1&lt;NAME	&gt;= 17.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52&lt;D-NATURE&gt;=	1.0000	(BOTH WALLS)	
ITEM NO.	53&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58&lt;D-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	58&lt;D-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	59&lt;D-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	59&lt;D-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	60&lt;D-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	61&lt;D-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	77&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 2

ITEM NO.	1&lt;NAME	&gt;= 18.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= -14.000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 19.200	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 10.300	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.75000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52&lt;D-NATURE&gt;=	1.0000	(BOTH WALLS)	
ITEM NO.	53&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58&lt;D-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	58&lt;D-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	59&lt;D-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	59&lt;D-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	60&lt;D-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	61&lt;D-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	77&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1&lt;NAME	&gt;= 14.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 32000.	(BOTH WALLS)	

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ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 4.0000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 18.760 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.44900 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 2.4150 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 8.0000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 8.0000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 16.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 16.000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.6700 WALL NO. 1

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ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.6700 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.6700 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.6700 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 4

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 4.0000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 18.760 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.44900 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 2.4150 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 4.0000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 18.760 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.44900 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 2.4150 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)

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ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 8.0000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 8.0000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 16.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 16.000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.6700 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.6700 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

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NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 4

ITEM NO.	1	NAME	= 18.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -14.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 19.200	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 10.300	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.75000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	= 4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 5

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 5

ITEM NO.	1	NAME	= 14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 5

ITEM NO.	1	NAME	= 15.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 8.0000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 16.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 16.000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.6700 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.6700 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.6700 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)

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ITEM NO.	14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	>= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	>= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	>= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	>= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	>= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	>= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	>= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	>= 4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	>= 0.10000E-04	(BOTH WALLS)	

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 25 VALUES





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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION *Build date:Nov 13, 2017*
NewProject.BaseDesignSection_28.A2M2R1_3805
Exe Time : 8 June 2018 11:15:46
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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-3.500	0.000
Z-WATER_TABLE		-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3



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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.500	0.000
Z-WATER_TABLE	-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

STEP NO.	LEFT WALL	RIGHT WALL
4		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 4

STEP NO.	LEFT WALL	RIGHT WALL
5		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000

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PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 5

LEFT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

RIGHT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

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NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:15:46  
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I N I T I A L S T R E S S T A B L E S

S E C T I O N

NUMBER OF DEFINED TABLES 376

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 26.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000



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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000



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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 8.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.7600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.1200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000



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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000



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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000



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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 227  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 228  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 229  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 230  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.760000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 231  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.120000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 232  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.480000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 233  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.840000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 234  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.200000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 235  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.560000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 236  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 237  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 238  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 239  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 240  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 241  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 242  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 243  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 244  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 245  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 246  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 247  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 248  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 249  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 250  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 251  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 252  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 253  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 254  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 255  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 256  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 257  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 258  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000



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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 259  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.800000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 260  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.200000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 261  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.600000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 262  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 263  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 264  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 265  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 266  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 267  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 268  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 269  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 270  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 271  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 272  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 273  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 274  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 275  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 276  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 277  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 278  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 279  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 280  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 281  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 282  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 283  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 284  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 285  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 286  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 287  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 288  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 289  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 290  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 291  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 292  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 293  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 294  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 295  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 296  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 297  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 298  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 299  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 300  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 301  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 302  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 303  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000



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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 304  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 8.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 305  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.7600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 306  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.1200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 307  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 308  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 309  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 310  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 311  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 312  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 313  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 314  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 315  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 316  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 317  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 318  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 319  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 320  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 321  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 322  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 323  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 324  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 325  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 326  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 327  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 328  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 329  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 330  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 331  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 332  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 333  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 334  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 335  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 336  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 337  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 338  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 339  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 340  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 341  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 342  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 343  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 344  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 345  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 346  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 347  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 348  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000



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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 349  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 350  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 351  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 352  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 353  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 354  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

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HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 355  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 356  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 357  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 358  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 359  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 360  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 361  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 362  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 363  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 364  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 365  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 366  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 367  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 368  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 369  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 370  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 371  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 372  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 373  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 374  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 375  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 376  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 10660

NO. OF D.P.W FOR THIS AREA 10795  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

```

ITER 0 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.3156E+06 RIMNOR= 0.000
      RENORM=0.1389E-26 REMNOR= 0.000      RATIO =0.6634E-16 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 68.52      RMMAX = 0.000
      RTSMAL=0.1000E-03 RMSMAL= 0.000
      RDT =0.3156E+06 RDR = 0.000
      RATIO=0.6634E-16 RATIO= 0.000
      MAX UN=0.1421E-13 IEQ= 153 NODE      77 DOF 1 Y-DISPL.F
      MIN UN=-.1421E-13 IEQ= 107 NODE      54 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0

```

```

ITER 1 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.3156E+06 RIMNOR= 0.000
      RENORM=0.1491E-28 REMNOR=0.9047E-53 RATIO =0.6872E-17 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 68.52      RMMAX = 0.000
      RTSMAL=0.1000E-03 RMSMAL= 0.000
      RDT =0.3156E+06 RDR = 0.000
      RATIO=0.6872E-17 RATIO= 0.000
      MAX UN=0.1056E-16 IEQ= 45 NODE      23 DOF 1 Y-DISPL.F
      MIN UN=-.1649E-14 IEQ= 179 NODE      90 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0

```

```

ITER 2 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.3156E+06 RIMNOR= 0.000
      RENORM=0.1197E-28 REMNOR=0.1441E-52 RATIO =0.6158E-17 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 68.52      RMMAX = 0.000
      RTSMAL=0.1000E-03 RMSMAL= 0.000
      RDT =0.3156E+06 RDR = 0.000
      RATIO=0.6158E-17 RATIO= 0.000
      MAX UN=0.1414E-26 IEQ= 174 NODE      87 DOF 2 X-ROT. F
      MIN UN=-.1200E-14 IEQ= 179 NODE      90 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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NewProject.BaseDesignSection\_28.A2M2R1\_3805

Exe Time : 8 June 2018 11:15:46

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS















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NewProject.BaseDesignSection\_28.A2M2R1\_3805

Exe Time : 8 June 2018 11:15:46

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	8.99052E-18	-8.99052E-18	5.04871E-29	1.79810E-18
2	2.60319E-17	-2.60319E-17	-1.79810E-18	7.00449E-18
3	4.21345E-17	-4.21345E-17	-7.00449E-18	1.54314E-17
4	5.73011E-17	-5.73011E-17	-1.54314E-17	2.68916E-17
5	7.15372E-17	-7.15372E-17	-2.68916E-17	4.11991E-17
6	8.48528E-17	-8.48528E-17	-4.11991E-17	5.81696E-17
7	9.72624E-17	-9.72624E-17	-5.81696E-17	7.76221E-17
8	-7.79392E-16	7.79392E-16	-7.76221E-17	7.82563E-17
9	-7.46586E-16	7.46586E-16	-7.82563E-17	2.27573E-16
10	-7.16313E-16	7.16313E-16	-2.27573E-16	3.70836E-16
11	-6.88438E-16	6.88438E-16	-3.70836E-16	5.08524E-16
12	-6.62795E-16	6.62795E-16	-5.08524E-16	6.41083E-16
13	-6.39181E-16	6.39181E-16	-6.41083E-16	7.68919E-16
14	-6.17355E-16	6.17355E-16	-7.68919E-16	8.92390E-16
15	-5.97038E-16	5.97038E-16	-8.92390E-16	1.01180E-15
16	-5.77907E-16	5.77907E-16	-1.01180E-15	1.12738E-15
17	-5.59601E-16	5.59601E-16	-1.12738E-15	1.23930E-15
18	-5.41722E-16	5.41722E-16	-1.23930E-15	1.34764E-15
19	-5.23832E-16	5.23832E-16	-1.34764E-15	1.45241E-15
20	-5.05461E-16	5.05461E-16	-1.45241E-15	1.55350E-15
21	-4.86108E-16	4.86108E-16	-1.55350E-15	1.65072E-15
22	-4.65247E-16	4.65247E-16	-1.65072E-15	1.74377E-15
23	-4.42331E-16	4.42331E-16	-1.74377E-15	1.83224E-15
24	-4.16797E-16	4.16797E-16	-1.83224E-15	1.91560E-15
25	-3.88075E-16	3.88075E-16	-1.91560E-15	1.99321E-15
26	-3.55590E-16	3.55590E-16	-1.99321E-15	2.06433E-15
27	-3.09570E-16	3.09570E-16	-2.06433E-15	2.12625E-15
28	-2.57437E-16	2.57437E-16	-2.12625E-15	2.17773E-15
29	-3.35419E-15	3.35419E-15	-2.17773E-15	1.50689E-15
30	3.42052E-15	-3.42052E-15	1.50689E-15	-8.22789E-16
31	-5.78504E-17	5.78504E-17	-8.22789E-16	8.34359E-16
32	2.50232E-17	-2.50232E-17	8.34359E-16	-8.29354E-16
33	1.16895E-16	-1.16895E-16	-8.29354E-16	8.05975E-16
34	2.18152E-16	-2.18152E-16	8.05975E-16	-7.62345E-16
35	3.29097E-16	-3.29097E-16	7.62345E-16	-6.96526E-16
36	4.49942E-16	-4.49942E-16	6.96526E-16	-6.06538E-16
37	5.80802E-16	-5.80802E-16	6.06538E-16	-4.90377E-16
38	7.21689E-16	-7.21689E-16	4.90377E-16	-3.46039E-16
39	8.72506E-16	-8.72506E-16	3.46039E-16	-1.71539E-16
40	1.03305E-15	-1.03305E-15	1.71539E-16	3.50702E-17
41	1.20299E-15	-1.20299E-15	3.50702E-17	2.75668E-16
42	1.38191E-15	-1.38191E-15	2.75668E-16	5.52050E-16
43	1.56925E-15	-1.56925E-15	5.52050E-16	8.65901E-16
44	1.76438E-15	-1.76438E-15	8.65901E-16	1.21878E-15
45	1.96653E-15	-1.96653E-15	1.21878E-15	1.61208E-15
46	2.17486E-15	-2.17486E-15	1.61208E-15	2.04705E-15
47	2.38843E-15	-2.38843E-15	2.04705E-15	2.52474E-15
48	2.60625E-15	-2.60625E-15	2.52474E-15	3.04599E-15
49	2.82726E-15	-2.82726E-15	3.04599E-15	3.61144E-15
50	3.05035E-15	-3.05035E-15	3.61144E-15	4.22151E-15
51	3.27441E-15	-3.27441E-15	4.22151E-15	4.87638E-15
52	3.57181E-15	-3.57181E-15	4.87638E-15	5.59074E-15
53	3.86757E-15	-3.86757E-15	5.59074E-15	6.36425E-15
54	-1.00505E-14	1.00505E-14	-6.36425E-15	4.35415E-15
55	-9.76200E-15	9.76200E-15	-4.35415E-15	2.40175E-15
56	-2.37339E-15	2.37339E-15	-2.40175E-15	1.92707E-15
57	-2.09644E-15	2.09644E-15	-1.92707E-15	1.50778E-15
58	-1.60372E-14	1.60372E-14	-1.50778E-15	1.69967E-15
59	-8.66906E-15	8.66906E-15	-1.69967E-15	3.43348E-15
60	-8.41375E-15	8.41375E-15	-3.43348E-15	5.11623E-15
61	-1.06030E-15	1.06030E-15	5.11623E-15	-5.32829E-15
62	6.28632E-15	-6.28632E-15	5.32829E-15	-4.07102E-15
63	6.52144E-15	-6.52144E-15	4.07102E-15	-2.76674E-15
64	6.75154E-15	-6.75154E-15	2.76674E-15	-1.41643E-15
65	6.97800E-15	-6.97800E-15	1.41643E-15	-2.08283E-17
66	1.43079E-14	-1.43079E-14	2.08283E-17	2.84076E-15
67	3.21598E-16	-3.21598E-16	-2.84076E-15	2.90508E-15
68	-6.55694E-15	6.55694E-15	-2.90508E-15	1.59369E-15

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69-6.32505E-15 6.32505E-15-1.59369E-15 3.28677E-16  
70-6.08518E-15 6.08518E-15-3.28677E-16-8.88359E-16  
71-1.29395E-14 1.29395E-14 8.88359E-16-3.47625E-15  
72-1.26734E-14 1.26734E-14 3.47625E-15-6.01094E-15  
73-1.23886E-14 1.23886E-14 6.01094E-15-8.48866E-15  
74-1.20808E-14 1.20808E-14 8.48866E-15-1.09048E-14  
75-1.17457E-14 1.17457E-14 1.09048E-14-1.32539E-14  
76-1.13787E-14 1.13787E-14 1.32539E-14-1.55297E-14  
77 3.23566E-15-3.23566E-15 1.55297E-14-1.48826E-14  
78 3.68023E-15-3.68023E-15 1.48826E-14-1.41465E-14  
79 4.17045E-15-4.17045E-15 1.41465E-14-1.33124E-14  
80 4.71068E-15-4.71068E-15 1.33124E-14-1.23703E-14  
81 5.30506E-15-5.30506E-15 1.23703E-14-1.13093E-14  
82 5.95740E-15-5.95740E-15 1.13093E-14-1.01178E-14  
83 6.67110E-15-6.67110E-15 1.01178E-14-8.78357E-15  
84 7.44915E-15-7.44915E-15 8.78357E-15-7.29374E-15  
85 8.29404E-15-8.29404E-15 7.29374E-15-5.63493E-15  
86 9.20777E-15-9.20777E-15 5.63493E-15-3.79337E-15  
87 1.01918E-14-1.01918E-14 3.79337E-15-1.75500E-15  
88 1.12473E-14-1.12473E-14 1.75500E-15 4.94458E-16  
89-1.83603E-15 1.83603E-15-4.94458E-16 1.27233E-16  
90-6.36165E-16 6.36165E-16-1.27233E-16 5.04871E-28



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NewProject.BaseDesignSection_28.A2M2R1_3805
Exe Time : 8 June 2018 11:15:46
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :  
 ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 1.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit
----	-------	----	--------	---------	---	-----------	-----------

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

```

ITER 0 RNORM = 0.000 RMNORM= 0.000
RINORM=0.3199E+06 RIMNOR=0.4330E-26
RENORM= 3307. REMNOR=0.1441E-52 RATIO =0.1017 TOLER =0.1000E-03 NOT CONVERGED
RFMAX = 71.01 RMMAX =0.1553E-13
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18
RDT =0.3199E+06 RDR =0.1000E-18
RATIOT=0.1017 RATOR= 0.000
MAX UN= 16.06 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F
MIN UN=-8.756 IEQ= 51 NODE 26 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

```

ITER 2 RNORM = 0.000 RMNORM= 0.000
RINORM=0.3199E+06 RIMNOR=0.4330E-26
RENORM= 52.77 REMNOR=0.5606E-20 RATIO =0.1284E-01 TOLER =0.1000E-03 NOT CONVERGED
RFMAX = 71.01 RMMAX =0.1553E-13
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18
RDT =0.3199E+06 RDR =0.1000E-18
RATIOT=0.1284E-01 RATOR= 0.000
MAX UN= 5.248 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F
MIN UN=-.3799 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

```

ITER 3 RNORM = 0.000 RMNORM= 0.000
RINORM=0.3199E+06 RIMNOR=0.4330E-26
RENORM= 3.574 REMNOR=0.1708E-20 RATIO =0.3343E-02 TOLER =0.1000E-03 NOT CONVERGED
RFMAX = 71.01 RMMAX =0.1553E-13
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18
RDT =0.3199E+06 RDR =0.1000E-18
RATIOT=0.3343E-02 RATOR= 0.000
MAX UN= 1.845 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F
MIN UN=-.1502 IEQ= 51 NODE 26 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

```

ITER 4 RNORM = 0.000 RMNORM= 0.000
RINORM=0.3199E+06 RIMNOR=0.4330E-26
RENORM=0.1283E-04 REMNOR=0.2639E-20 RATIO =0.6333E-05 TOLER =0.1000E-03 CONVERGED !
RFMAX = 71.01 RMMAX =0.1553E-13
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18
RDT =0.3199E+06 RDR =0.1000E-18
RATIOT=0.6333E-05 RATOR= 0.000
MAX UN=0.2104E-02 IEQ= 51 NODE 26 DOF 1 Y-DISPL.F
MIN UN=-.2770E-02 IEQ= 61 NODE 31 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```



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New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	2.3457826E-03	-5.1304047E-04
2	2.2431745E-03	-5.1304047E-04
3	2.1405664E-03	-5.1304047E-04
4	2.0379583E-03	-5.1304047E-04
5	1.9353503E-03	-5.1303821E-04
6	1.8327455E-03	-5.1299872E-04
7	1.7301598E-03	-5.1282467E-04
8	1.6276351E-03	-5.1235774E-04
9	1.5252505E-03	-5.1138400E-04
10	1.4231239E-03	-5.0977447E-04
11	1.3213849E-03	-5.0750147E-04
12	1.2201706E-03	-5.0451884E-04
13	1.1196290E-03	-5.0076175E-04
14	1.0199233E-03	-4.9614437E-04
15	9.2123588E-04	-4.9055820E-04
16	8.2377536E-04	-4.8384175E-04
17	7.2779205E-04	-4.7573219E-04
18	6.3360087E-04	-4.6584683E-04
19	5.4160508E-04	-4.5368510E-04
20	4.5230030E-04	-4.3892126E-04
21	3.6621122E-04	-4.2153767E-04
22	2.8385099E-04	-4.0166774E-04
23	2.0569386E-04	-3.7955189E-04
24	1.3216007E-04	-3.5549397E-04
25	6.3601429E-05	-3.2986422E-04
26	2.8975815E-07	-3.0310380E-04
27	-5.7599463E-05	-2.7573394E-04
28	-1.0999825E-04	-2.4828051E-04
29	-1.5693517E-04	-2.2118314E-04
30	-1.9851844E-04	-1.9479337E-04
31	-2.3491811E-04	-1.6938735E-04
32	-2.6635304E-04	-1.4517629E-04
33	-2.9307872E-04	-1.2231669E-04
34	-3.1537714E-04	-1.0091849E-04
35	-3.3354815E-04	-8.1052046E-05
36	-3.4790242E-04	-6.2753937E-05
37	-3.5875487E-04	-4.6033103E-05
38	-3.6641988E-04	-3.0875410E-05
39	-3.7120707E-04	-1.7248217E-05
40	-3.7341805E-04	-5.1044099E-06
41	-3.7334383E-04	5.6142875E-06
42	-3.7126294E-04	1.4973809E-05
43	-3.6744018E-04	2.3045223E-05
44	-3.6212581E-04	2.9902246E-05
45	-3.5555533E-04	3.5619099E-05
46	-3.4794935E-04	4.0268804E-05
47	-3.3951427E-04	4.3921458E-05
48	-3.3044284E-04	4.6643053E-05
49	-3.2091507E-04	4.8494368E-05
50	-3.1109951E-04	4.9530110E-05
51	-3.0115425E-04	4.9798254E-05
52	-2.9122886E-04	4.9339551E-05
53	-2.8146181E-04	4.8233064E-05
54	-2.7197111E-04	4.6594521E-05
55	-2.6285248E-04	4.4528888E-05
56	-2.5418173E-04	4.2130569E-05
57	-2.4601682E-04	3.9483733E-05
58	-2.3839985E-04	3.6662730E-05
59	-2.3135900E-04	3.3732588E-05
60	-2.2491034E-04	3.0749566E-05
61	-2.1905950E-04	2.7761741E-05
62	-2.1380326E-04	2.4809623E-05
63	-2.0913103E-04	2.1926779E-05
64	-2.0502612E-04	1.9140454E-05
65	-2.0146698E-04	1.6472184E-05
66	-1.9842828E-04	1.3938391E-05
67	-1.9588186E-04	1.1550958E-05
68	-1.9379761E-04	9.3177993E-06
69	-1.9214416E-04	7.2433131E-06
70	-1.9088962E-04	5.3287897E-06
71	-1.9000207E-04	3.5728751E-06
72	-1.8945013E-04	1.9719997E-06

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73	-1.8920318E-04	5.2250514E-07
74	-1.8923128E-04	-7.7918484E-07
75	-1.8950534E-04	-1.9381570E-06
76	-1.8999745E-04	-2.9607096E-06
77	-1.9068101E-04	-3.8540884E-06
78	-1.9153100E-04	-4.6262574E-06
79	-1.9252400E-04	-5.2857013E-06
80	-1.9363835E-04	-5.8412581E-06
81	-1.9485418E-04	-6.3019795E-06
82	-1.9615343E-04	-6.6770178E-06
83	-1.9751989E-04	-6.9755345E-06
84	-1.9893915E-04	-7.2066319E-06
85	-2.0039865E-04	-7.3793013E-06
86	-2.0188757E-04	-7.5023891E-06
87	-2.0339688E-04	-7.5845760E-06
88	-2.0491924E-04	-7.6343682E-06
89	-2.0644902E-04	-7.6600981E-06
90	-2.0798230E-04	-7.6699331E-06
91	-2.0951654E-04	-7.6718874E-06



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33 D	28.81	2.9308E-04	128.4 107.0 128.4	107.0	V-C 2.8452E+04 -6.400 37.02 1.000 1.000
144.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	29.66	3.1538E-04	130.9 109.4 130.9	109.4	V-C 2.8452E+04 -6.600 38.92 1.000 1.000
148.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.49	3.3355E-04	134.4 111.6 134.4	111.6	V-C 2.8452E+04 -6.800 40.81 1.000 1.000
152.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	31.30	3.4790E-04	137.4 113.8 137.4	113.8	V-C 2.8452E+04 -7.000 42.71 1.000 1.000
156.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	32.08	3.5875E-04	140.3 115.8 140.3	115.8	V-C 2.8452E+04 -7.200 44.61 1.000 1.000
160.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	32.84	3.6642E-04	143.3 117.7 143.3	117.7	V-C 2.8452E+04 -7.400 46.51 1.000 1.000
164.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	33.59	3.7121E-04	146.7 119.6 146.7	119.6	V-C 2.8452E+04 -7.600 48.41 1.000 1.000
168.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	34.32	3.7342E-04	149.6 121.3 149.6	121.3	V-C 2.8452E+04 -7.800 50.31 1.000 1.000
171.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	35.04	3.7334E-04	152.4 123.0 152.4	123.0	V-C 2.8452E+04 -8.000 52.20 1.000 1.000
175.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	35.75	3.7126E-04	155.3 124.7 155.3	124.7	V-C 2.8452E+04 -8.200 54.10 1.000 1.000
178.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	36.45	3.6744E-04	158.5 126.2 158.5	126.2	V-C 2.8452E+04 -8.400 56.00 1.000 1.000
182.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	37.14	3.6213E-04	160.9 127.8 160.9	127.8	V-C 2.8452E+04 -8.600 57.90 1.000 1.000
185.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.82	3.5556E-04	164.1 129.3 164.1	129.3	V-C 2.8452E+04 -8.800 59.80 1.000 1.000
189.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	38.49	3.4795E-04	167.0 130.8 167.0	130.8	V-C 2.8452E+04 -9.000 61.69 1.000 1.000
192.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	39.16	3.3951E-04	170.1 132.2 170.1	132.2	V-C 2.8452E+04 -9.200 63.59 1.000 1.000
195.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.83	3.3044E-04	172.5 133.7 172.5	133.7	V-C 2.8452E+04 -9.400 65.49 1.000 1.000
199.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.49	3.2092E-04	175.6 135.1 175.6	135.1	V-C 2.8452E+04 -9.600 67.39 1.000 1.000
202.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.15	3.1110E-04	178.4 136.5 178.4	136.5	V-C 2.8452E+04 -9.800 69.29 1.000 1.000
205.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	41.82	3.0115E-04	181.1 137.9 181.1	137.9	V-C 2.8452E+04 -10.00 71.19 1.000 1.000
209.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
52 D	42.99	2.9123E-04	183.9 141.9 183.9	141.9	V-C 3.7243E+04 -10.20 73.08 1.000 1.000
215.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
53 D	43.64	2.8146E-04	186.9 143.2 186.9	143.2	V-C 3.7243E+04 -10.40 74.98 1.000 1.000
218.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
54 D	44.28	2.7197E-04	189.3 144.5 189.3	144.5	V-C 3.7243E+04 -10.60 76.88 1.000 1.000
221.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
55 D	44.93	2.6285E-04	192.3 145.9 192.3	145.9	V-C 3.7243E+04 -10.80 78.78 1.000 1.000
224.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
56 D	45.59	2.5418E-04	195.1 147.3 195.1	147.3	V-C 3.7243E+04 -11.00 80.68 1.000 1.000
227.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
57 D	46.25	2.4602E-04	198.1 148.7 198.1	148.7	V-C 3.7243E+04 -11.20 82.58 1.000 1.000
231.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
58 D	46.91	2.3840E-04	200.4 150.1 200.4	150.1	V-C 3.7243E+04 -11.40 84.47 1.000 1.000
234.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
59 D	47.58	2.3136E-04	203.4 151.5 203.4	151.5	V-C 3.7243E+04 -11.60 86.37 1.000 1.000
237.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
60 D	48.25	2.2491E-04	206.1 153.0 206.1	153.0	V-C 3.7243E+04 -11.80 88.27 1.000 1.000
241.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
61 D	48.93	2.1906E-04	208.8 154.5 208.8	154.5	V-C 3.7243E+04 -12.00 90.17 1.000 1.000
244.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
62 D	49.61	2.1380E-04	211.4 156.0 211.4	156.0	V-C 3.7243E+04 -12.20 92.07 1.000 1.000
248.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
63 D	50.29	2.0913E-04	214.4 157.5 214.4	157.5	V-C 3.7243E+04 -12.40 93.97 1.000 1.000
251.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
64 D	50.98	2.0503E-04	216.7 159.1 216.7	159.1	V-C 3.7243E+04 -12.60 95.86 1.000 1.000
254.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
65 D	51.68	2.0147E-04	219.7 160.6 219.7	160.6	V-C 3.7243E+04 -12.80 97.76 1.000 1.000
258.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
66 D	52.38	1.9843E-04	222.3 162.2 222.3	162.2	V-C 3.7243E+04 -13.00 99.66 1.000 1.000
261.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
67 D	53.08	1.9588E-04	225.2 163.8 225.2	163.8	V-C 3.7243E+04 -13.20 101.6 1.000 1.000
265.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
68 D	53.79	1.9380E-04	227.6 165.5 227.6	165.5	UL-RL 9.3107E+04 -13.40 103.5 1.000 1.000
268.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
69 D	54.50	1.9214E-04	230.5 167.1 230.5	167.1	UL-RL 9.3107E+04 -13.60 105.4 1.000 1.000
272.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
70 D	55.21	1.9089E-04	233.1 168.8 233.1	168.8	UL-RL 9.3107E+04 -13.80 107.3 1.000 1.000
276.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
71 D	55.92	1.9000E-04	235.7 170.5 235.7	170.5	UL-RL 9.3107E+04 -14.00 109.2 1.000 1.000
279.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
72 D	56.20	1.8945E-04	237.9 169.9 237.9	170.0	UL-RL 9.3107E+04 -14.20 111.1 1.000 1.000
281.0	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.86	1.8920E-04	240.4 171.3 240.4	171.4	UL-RL 9.3107E+04 -14.40 112.9 1.000 1.000
284.3	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.52	1.8923E-04	242.4 172.8 242.4	172.8	UL-RL 9.3107E+04 -14.60 114.8 1.000 1.000
287.6	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.19	1.8951E-04	244.9 174.2 244.9	174.2	UL-RL 9.3107E+04 -14.80 116.7 1.000 1.000
290.9	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.85	1.9000E-04	247.1 175.6 247.1	175.7	UL-RL 9.3107E+04 -15.00 118.6 1.000 1.000
294.3	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.52	1.9068E-04	249.5 177.1 249.5	177.1	UL-RL 9.3107E+04 -15.20 120.5 1.000 1.000
297.6	0.000	0.000	Limosabbiosol_237_225_L_0		

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Doc. N.	Progetto INOR	Lotto 11	Codifica Documento E E2 CL GA 160 1 002	Rev. A	Foglio 605 di 2653							
78 D	60.19	1.9153E-04	251.5	178.5	251.5	178.6	UL-RL	9.3107E+04	-15.40	122.4	1.000	1.000
301.0	0.000	0.000	Limosabbiosol_237_225_L_0									
79 D	60.87	1.9252E-04	253.9	180.0	253.9	180.0	UL-RL	9.3107E+04	-15.60	124.3	1.000	1.000
304.3	0.000	0.000	Limosabbiosol_237_225_L_0									
80 D	61.54	1.9364E-04	256.2	181.5	256.2	181.5	UL-RL	9.3107E+04	-15.80	126.2	1.000	1.000
307.7	0.000	0.000	Limosabbiosol_237_225_L_0									
81 D	62.21	1.9485E-04	258.4	182.9	258.4	183.0	UL-RL	9.3107E+04	-16.00	128.1	1.000	1.000
311.1	0.000	0.000	Limosabbiosol_237_225_L_0									
82 D	62.89	1.9615E-04	260.6	184.4	260.6	184.5	UL-RL	9.3107E+04	-16.20	130.0	1.000	1.000
314.5	0.000	0.000	Limosabbiosol_237_225_L_0									
83 D	63.57	1.9752E-04	263.0	185.9	263.0	185.9	UL-RL	9.3107E+04	-16.40	131.9	1.000	1.000
317.8	0.000	0.000	Limosabbiosol_237_225_L_0									
84 D	64.24	1.9894E-04	265.0	187.4	265.0	187.4	UL-RL	9.3107E+04	-16.60	133.8	1.000	1.000
321.2	0.000	0.000	Limosabbiosol_237_225_L_0									
85 D	64.92	2.0040E-04	267.4	188.9	267.4	188.9	UL-RL	9.3107E+04	-16.80	135.7	1.000	1.000
324.6	0.000	0.000	Limosabbiosol_237_225_L_0									
86 D	65.60	2.0189E-04	269.6	190.4	269.6	190.4	UL-RL	9.3107E+04	-17.00	137.6	1.000	1.000
328.0	0.000	0.000	Limosabbiosol_237_225_L_0									
87 D	66.28	2.0340E-04	272.0	191.9	272.0	191.9	UL-RL	9.3107E+04	-17.20	139.5	1.000	1.000
331.4	0.000	0.000	Limosabbiosol_237_225_L_0									
88 D	66.96	2.0492E-04	273.9	193.4	273.9	193.4	UL-RL	9.3107E+04	-17.40	141.4	1.000	1.000
334.8	0.000	0.000	Limosabbiosol_237_225_L_0									
89 D	67.64	2.0645E-04	276.3	194.9	276.3	194.9	UL-RL	9.3107E+04	-17.60	143.3	1.000	1.000
338.2	0.000	0.000	Limosabbiosol_237_225_L_0									
90 D	68.32	2.0798E-04	278.5	196.4	278.5	196.4	UL-RL	9.3107E+04	-17.80	145.2	1.000	1.000
341.6	0.000	0.000	Limosabbiosol_237_225_L_0									
91 D	34.50	2.0952E-04	280.7	197.9	280.7	197.9	UL-RL	9.3107E+04	-18.00	147.1	1.000	1.000
345.0	0.000	0.000	Limosabbiosol_237_225_L_0									



## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



Doc. N.						Progetto INOR	Lotto 11	Codifica Documento E E2 CL GA 160 1 002	Rev. A	Foglio 607 di 2653
33 D	30.21	-2.9308E-04	38.11	125.8	75.08	139.2	UL-RL	4.5511E+04 -6.400	25.22	1.000 1.000
151.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
34 D	30.49	-3.1538E-04	40.45	125.1	77.52	139.5	UL-RL	4.5511E+04 -6.600	27.32	1.000 1.000
152.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
35 D	30.83	-3.3355E-04	42.79	124.7	79.96	139.9	UL-RL	4.5511E+04 -6.800	29.42	1.000 1.000
154.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
36 D	31.24	-3.4790E-04	45.12	124.7	82.40	140.5	UL-RL	4.5511E+04 -7.000	31.53	1.000 1.000
156.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
37 D	31.69	-3.5875E-04	47.46	124.8	84.84	141.2	UL-RL	4.5511E+04 -7.200	33.63	1.000 1.000
158.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
38 D	32.20	-3.6642E-04	49.80	125.3	87.28	141.9	UL-RL	4.5511E+04 -7.400	35.73	1.000 1.000
161.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
39 D	32.75	-3.7121E-04	52.14	125.9	89.72	142.8	UL-RL	4.5511E+04 -7.600	37.83	1.000 1.000
163.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
40 D	33.33	-3.7342E-04	54.48	126.7	92.16	143.7	UL-RL	4.5511E+04 -7.800	39.93	1.000 1.000
166.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
41 D	33.95	-3.7334E-04	56.82	127.7	94.60	144.7	UL-RL	4.5511E+04 -8.000	42.03	1.000 1.000
169.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
42 D	34.60	-3.7126E-04	59.15	128.8	97.04	145.7	UL-RL	4.5511E+04 -8.200	44.14	1.000 1.000
173.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
43 D	35.27	-3.6744E-04	61.49	130.1	99.48	146.8	UL-RL	4.5511E+04 -8.400	46.24	1.000 1.000
176.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
44 D	35.96	-3.6213E-04	63.83	131.5	101.9	148.0	UL-RL	4.5511E+04 -8.600	48.34	1.000 1.000
179.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
45 D	36.68	-3.5556E-04	66.17	133.0	104.4	149.1	UL-RL	4.5511E+04 -8.800	50.44	1.000 1.000
183.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
46 D	37.41	-3.4795E-04	68.51	134.5	106.8	150.3	UL-RL	4.5511E+04 -9.000	52.54	1.000 1.000
187.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
47 D	38.16	-3.3951E-04	70.85	136.1	109.2	151.6	UL-RL	4.5511E+04 -9.200	54.64	1.000 1.000
190.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
48 D	38.91	-3.3044E-04	73.18	137.8	111.7	152.9	UL-RL	4.5511E+04 -9.400	56.75	1.000 1.000
194.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
49 D	39.68	-3.2092E-04	75.52	139.5	114.1	154.1	UL-RL	4.5511E+04 -9.600	58.85	1.000 1.000
198.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
50 D	40.45	-3.1110E-04	77.86	141.3	116.6	155.5	UL-RL	4.5511E+04 -9.800	60.95	1.000 1.000
202.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
51 D	41.23	-3.0115E-04	80.20	143.1	119.0	156.8	UL-RL	4.5511E+04 -10.000	63.05	1.000 1.000
206.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
52 D	41.07	-2.9123E-04	82.54	140.2	121.4	158.2	UL-RL	6.1647E+04 -10.200	65.15	1.000 1.000
205.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
53 D	41.89	-2.8146E-04	84.88	142.2	123.9	159.6	UL-RL	6.1647E+04 -10.400	67.25	1.000 1.000
209.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
54 D	42.71	-2.7197E-04	87.21	144.2	126.3	160.9	UL-RL	6.1647E+04 -10.600	69.36	1.000 1.000
213.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
55 D	43.52	-2.6285E-04	89.55	146.2	128.8	162.4	UL-RL	6.1647E+04 -10.800	71.46	1.000 1.000
217.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
56 D	44.34	-2.5418E-04	91.89	148.1	131.2	163.8	UL-RL	6.1647E+04 -11.000	73.56	1.000 1.000
221.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
57 D	45.15	-2.4602E-04	94.23	150.1	133.6	165.2	UL-RL	6.1647E+04 -11.200	75.66	1.000 1.000
225.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
58 D	45.95	-2.3840E-04	96.57	152.0	136.1	166.7	UL-RL	6.1647E+04 -11.400	77.76	1.000 1.000
229.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
59 D	46.75	-2.3136E-04	98.91	153.9	138.5	168.2	UL-RL	6.1647E+04 -11.600	79.86	1.000 1.000
233.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
60 D	47.55	-2.2491E-04	101.2	155.8	141.0	169.7	UL-RL	6.1647E+04 -11.800	81.97	1.000 1.000
237.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
61 D	48.34	-2.1906E-04	103.6	157.6	143.4	171.1	UL-RL	6.1647E+04 -12.000	84.07	1.000 1.000
241.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
62 D	49.13	-2.1380E-04	105.9	159.5	145.8	172.7	UL-RL	6.1647E+04 -12.200	86.17	1.000 1.000
245.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
63 D	49.91	-2.0913E-04	108.3	161.3	148.3	174.2	UL-RL	6.1647E+04 -12.400	88.27	1.000 1.000
249.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
64 D	50.69	-2.0503E-04	110.6	163.1	150.7	175.7	UL-RL	6.1647E+04 -12.600	90.37	1.000 1.000
253.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
65 D	51.46	-2.0147E-04	112.9	164.8	153.2	177.2	UL-RL	6.1647E+04 -12.800	92.47	1.000 1.000
257.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
66 D	52.22	-1.9843E-04	115.3	166.5	155.6	178.8	UL-RL	6.1647E+04 -13.000	94.58	1.000 1.000
261.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
67 D	52.99	-1.9588E-04	117.6	168.3	158.0	180.3	UL-RL	6.1647E+04 -13.200	96.68	1.000 1.000
264.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
68 D	53.74	-1.9380E-04	120.0	169.9	160.5	181.9	UL-RL	6.1647E+04 -13.400	98.78	1.000 1.000
268.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
69 D	54.50	-1.9214E-04	122.3	171.6	162.9	183.5	UL-RL	6.1647E+04 -13.600	100.9	1.000 1.000
272.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
70 D	55.25	-1.9089E-04	124.6	173.3	165.4	185.0	UL-RL	6.1647E+04 -13.800	103.0	1.000 1.000
276.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
71 D	56.00	-1.9000E-04	127.0	174.9	167.8	186.6	UL-RL	6.1647E+04 -14.000	105.1	1.000 1.000
280.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
72 D	56.24	-1.8945E-04	128.9	174.0	169.9	185.7	UL-RL	6.1647E+04 -14.200	107.2	1.000 1.000
281.2	0.000	0.000	Limosabbiosol_237_225_L_0							
73 D	56.93	-1.8920E-04	130.9	175.4	171.9	187.0	UL-RL	6.1647E+04 -14.400	109.3	1.000 1.000
284.6	0.000	0.000	Limosabbiosol_237_225_L_0							
74 D	57.61	-1.8923E-04	132.8	176.7	174.0	188.3	UL-RL	6.1647E+04 -14.600	111.4	1.000 1.000
288.1	0.000	0.000	Limosabbiosol_237_225_L_0							
75 D	58.30	-1.8951E-04	134.8	178.0	176.0	189.7	UL-RL	6.1647E+04 -14.800	113.5	1.000 1.000
291.5	0.000	0.000	Limosabbiosol_237_225_L_0							
76 D	58.98	-1.9000E-04	136.8	179.3	178.1	191.0	UL-RL	6.1647E+04 -15.000	115.6	1.000 1.000
294.9	0.000	0.000	Limosabbiosol_237_225_L_0							
77 D	59.65	-1.9068E-04	138.7	180.6	180.2	192.3	UL-RL	6.1647E+04 -15.200	117.7	1.000 1.000
298.3	0.000	0.000	Limosabbiosol_237_225_L_0							

GENERAL CONTRACTOR



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Doc. N.	Progetto INOR	Lotto 11	Codifica Documento E E2 CL GA 160 1 002	Rev. A	Foglio 608 di 2653							
78 D	60.33	-1.9153E-04	140.7	181.9	182.2	193.7	UL-RL	6.1647E+04	-15.40	119.8	1.000	1.000
301.7	0.000	0.000	Limosabbiosol_237_225_L_0									
79 D	61.01	-1.9252E-04	142.6	183.1	184.3	195.0	UL-RL	6.1647E+04	-15.60	121.9	1.000	1.000
305.0	0.000	0.000	Limosabbiosol_237_225_L_0									
80 D	61.68	-1.9364E-04	144.6	184.4	186.3	196.4	UL-RL	6.1647E+04	-15.80	124.0	1.000	1.000
308.4	0.000	0.000	Limosabbiosol_237_225_L_0									
81 D	62.36	-1.9485E-04	146.5	185.7	188.4	197.7	UL-RL	6.1647E+04	-16.00	126.1	1.000	1.000
311.8	0.000	0.000	Limosabbiosol_237_225_L_0									
82 D	63.03	-1.9615E-04	148.5	187.0	190.5	199.1	UL-RL	6.1647E+04	-16.20	128.2	1.000	1.000
315.2	0.000	0.000	Limosabbiosol_237_225_L_0									
83 D	63.71	-1.9752E-04	150.5	188.2	192.5	200.4	UL-RL	6.1647E+04	-16.40	130.3	1.000	1.000
318.6	0.000	0.000	Limosabbiosol_237_225_L_0									
84 D	64.39	-1.9894E-04	152.4	189.5	194.6	201.8	UL-RL	6.1647E+04	-16.60	132.4	1.000	1.000
321.9	0.000	0.000	Limosabbiosol_237_225_L_0									
85 D	65.06	-2.0040E-04	154.4	190.8	196.6	203.2	UL-RL	6.1647E+04	-16.80	134.5	1.000	1.000
325.3	0.000	0.000	Limosabbiosol_237_225_L_0									
86 D	65.74	-2.0189E-04	156.3	192.1	198.7	204.5	UL-RL	6.1647E+04	-17.00	136.6	1.000	1.000
328.7	0.000	0.000	Limosabbiosol_237_225_L_0									
87 D	66.41	-2.0340E-04	158.3	193.4	200.8	205.9	UL-RL	6.1647E+04	-17.20	138.7	1.000	1.000
332.1	0.000	0.000	Limosabbiosol_237_225_L_0									
88 D	67.09	-2.0492E-04	160.3	194.6	202.8	207.3	UL-RL	6.1647E+04	-17.40	140.8	1.000	1.000
335.5	0.000	0.000	Limosabbiosol_237_225_L_0									
89 D	67.77	-2.0645E-04	162.2	195.9	204.9	208.7	UL-RL	6.1647E+04	-17.60	142.9	1.000	1.000
338.8	0.000	0.000	Limosabbiosol_237_225_L_0									
90 D	68.45	-2.0798E-04	164.2	197.2	206.9	210.0	UL-RL	6.1647E+04	-17.80	145.0	1.000	1.000
342.2	0.000	0.000	Limosabbiosol_237_225_L_0									
91 D	34.56	-2.0952E-04	166.1	198.5	209.0	211.4	UL-RL	6.1647E+04	-18.00	147.1	1.000	1.000
345.6	0.000	0.000	Limosabbiosol_237_225_L_0									



GENERAL CONTRACTOR

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ALTA SORVEGLIANZA



Doc. N.

Progetto  
INOR

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11

Codifica Documento  
E E2 CL GA 160 1 002

Rev.  
A

Foglio  
609 di 2653

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:15:46

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	3.18324E-12	-3.18324E-12	1.30740E-12	-3.64935E-11
2	-2.62162E-10	2.62162E-10	1.04308E-11	-9.55538E-11
3	-3.88809E-11	3.88809E-11	6.52989E-11	-7.67670E-11
4	7.15279E-02	-7.15279E-02	8.66720E-11	1.43056E-02
5	1.1062	-1.1062	-1.43056E-02	0.23556
6	3.1517	-3.1517	-0.23556	0.86589
7	6.1150	-6.1150	-0.86589	2.0889
8	9.9204	-9.9204	-2.0889	4.0730
9	10.196	-10.196	-4.0730	6.1123
10	10.796	-10.796	-6.1123	8.2714
11	11.657	-11.657	-8.2714	10.603
12	12.846	-12.846	-10.603	13.172
13	14.374	-14.374	-13.172	16.047
14	16.279	-16.279	-16.047	19.303
15	19.483	-19.483	-19.303	23.199
16	24.596	-24.596	-23.199	28.119
17	31.591	-31.591	-28.119	34.437
18	40.435	-40.435	-34.437	42.524
19	41.897	-41.897	-42.524	50.903
20	40.992	-40.992	-50.903	59.102
21	37.676	-37.676	-59.102	66.637
22	33.385	-33.385	-66.637	73.314
23	28.067	-28.067	-73.314	78.927
24	21.663	-21.663	-78.927	83.260
25	14.113	-14.113	-83.260	86.082
26	5.1705	-5.1705	-86.082	87.116
27	-2.5263	2.5263	-87.116	86.611
28	-8.7353	8.7353	-86.611	84.864
29	-13.658	13.658	-84.864	82.132
30	-17.468	17.468	-82.132	78.639
31	-20.341	20.341	-78.639	74.571
32	-22.420	22.420	-74.571	70.087
33	-23.819	23.819	-70.087	65.323
34	-24.643	24.643	-65.323	60.394
35	-24.983	24.983	-60.394	55.398
36	-24.923	24.923	-55.398	50.413
37	-24.536	24.536	-50.413	45.506
38	-23.890	23.890	-45.506	40.728
39	-23.043	23.043	-40.728	36.119
40	-22.050	22.050	-36.119	31.709
41	-20.955	20.955	-31.709	27.518
42	-19.801	19.801	-27.518	23.558
43	-18.623	18.623	-23.558	19.834
44	-17.452	17.452	-19.834	16.343
45	-16.314	16.314	-16.343	13.080
46	-15.233	15.233	-13.080	10.034
47	-14.226	14.226	-10.034	7.1886
48	-13.310	13.310	-7.1886	4.5267
49	-12.495	12.495	-4.5267	2.0276
50	-11.792	11.792	-2.0276	-0.33078
51	-11.206	11.206	0.33078	-2.5720
52	-9.2898	9.2898	2.5720	-4.4299
53	-7.5446	7.5446	4.4299	-5.9389
54	-5.9687	5.9687	5.9389	-7.1326
55	-4.5576	4.5576	7.1326	-8.0441
56	-3.3056	3.3056	8.0441	-8.7052
57	-2.2052	2.2052	8.7052	-9.1463
58	-1.2480	1.2480	9.1463	-9.3959
59	-0.42512	0.42512	9.3959	-9.4809
60	0.27316	-0.27316	9.4809	-9.4263
61	0.85664	-0.85664	9.4263	-9.2549
62	1.3352	-1.3352	9.2549	-8.9879
63	1.7187	-1.7187	8.9879	-8.6442
64	2.0166	-2.0166	8.6442	-8.2408
65	2.2383	-2.2383	8.2408	-7.7932
66	2.3926	-2.3926	7.7932	-7.3147
67	2.4887	-2.4887	7.3147	-6.8169
68	2.5318	-2.5318	6.8169	-6.3106

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69	2.5295	-2.5295	6.3106	-5.8047
70	2.4889	-2.4889	5.8047	-5.3069
71	2.4166	-2.4166	5.3069	-4.8236
72	2.3732	-2.3732	4.8236	-4.3489
73	2.3034	-2.3034	4.3489	-3.8883
74	2.2122	-2.2122	3.8883	-3.4458
75	2.1041	-2.1041	3.4458	-3.0250
76	1.9830	-1.9830	3.0250	-2.6284
77	1.8521	-1.8521	2.6284	-2.2580
78	1.7145	-1.7145	2.2580	-1.9151
79	1.5725	-1.5725	1.9151	-1.6006
80	1.4281	-1.4281	1.6006	-1.3149
81	1.2829	-1.2829	1.3149	-1.0583
82	1.1382	-1.1382	1.0583	-0.83069
83	0.99494	-0.99494	0.83069	-0.63171
84	0.85374	-0.85374	0.63171	-0.46096
85	0.71504	-0.71504	0.46096	-0.31795
86	0.57908	-0.57908	0.31795	-0.20213
87	0.44590	-0.44590	0.20213	-0.11295
88	0.31543	-0.31543	0.11295	-4.98671E-02
89	0.18749	-0.18749	4.98671E-02	-1.23665E-02
90	6.18327E-02	-6.18327E-02	1.23665E-02	-8.51298E-13

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NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:15:46

New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
CURRENT TIME IS 2.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL FORCE d0 EDISPL pl. eps K -ve limit +ve limit

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4118E+06 RIMNOR=0.2214E+06  
RENORM=0.5831E+05 REMNOR=0.2639E-20 RATIO =0.3763 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 87.12  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4118E+06 RDR =0.2214E+06  
RATIOT=0.3763 RATIO= 0.000  
MAX UN=0.2104E-02 IEQ= 51 NODE 26 DOF 1 Y-DISPL.F  
MIN UN=-241.5 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4118E+06 RIMNOR=0.2214E+06  
RENORM= 83.80 REMNOR=0.6411E-20 RATIO =0.1426E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 87.12  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4118E+06 RDR =0.2214E+06  
RATIOT=0.1426E-01 RATIO= 0.000  
MAX UN=0.2534E-09 IEQ= 15 NODE 8 DOF 1 Y-DISPL.F  
MIN UN=-2.754 IEQ= 53 NODE 27 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4118E+06 RIMNOR=0.2214E+06  
RENORM=0.2449E-01 REMNOR=0.8541E-21 RATIO =0.2438E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 87.12  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4118E+06 RDR =0.2214E+06  
RATIOT=0.2438E-03 RATIO= 0.000  
MAX UN=0.1250E-09 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F  
MIN UN=-.1435 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4118E+06 RIMNOR=0.2214E+06  
RENORM=0.2063E-18 REMNOR=0.4251E-21 RATIO =0.7077E-12 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 241.5 RMMAX = 87.12  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4118E+06 RDR =0.2214E+06  
RATIOT=0.7077E-12 RATIO= 0.000  
MAX UN=0.1666E-09 IEQ= 47 NODE 24 DOF 1 Y-DISPL.F  
MIN UN=-.1388E-09 IEQ= 49 NODE 25 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:15:46

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	7.8740682E-04	-4.0026579E-04
2	7.0735562E-04	-4.0023633E-04
3	6.2732130E-04	-4.0007160E-04
4	5.4734709E-04	-3.9960535E-04
5	4.6751142E-04	-3.9865526E-04
6	3.8793150E-04	-3.9700738E-04
7	3.0877323E-04	-3.9438815E-04
8	2.3026311E-04	-3.9046587E-04
9	1.5269938E-04	-3.8485608E-04
10	7.6471568E-05	-3.7698298E-04
11	2.1076172E-06	-3.6608841E-04
12	-6.9709777E-05	-3.5138354E-04
13	-1.3813727E-04	-3.3205070E-04
14	-2.0216514E-04	-3.0724419E-04
15	-2.6061179E-04	-2.7609035E-04
16	-3.1211719E-04	-2.3767507E-04
17	-3.5564166E-04	-1.9865748E-04
18	-3.9197971E-04	-1.6563279E-04
19	-4.2222112E-04	-1.3750317E-04
20	-4.4723486E-04	-1.1318179E-04
21	-4.6768585E-04	-9.1740715E-05
22	-4.8407713E-04	-7.2489430E-05
23	-4.9679441E-04	-5.4929917E-05
24	-5.0613844E-04	-3.8711253E-05
25	-5.1235470E-04	-2.3630204E-05
26	-5.1566273E-04	-9.6322138E-06
27	-5.1628605E-04	3.1887728E-06
28	-5.1447287E-04	1.4725014E-05
29	-5.1048355E-04	2.4949077E-05
30	-5.0458021E-04	3.3868808E-05
31	-4.9702068E-04	4.1518764E-05
32	-4.8805370E-04	4.7953790E-05
33	-4.7791551E-04	5.3243575E-05
34	-4.6682728E-04	5.7468251E-05
35	-4.5499348E-04	6.0714763E-05
36	-4.4260059E-04	6.3073951E-05
37	-4.2981691E-04	6.4638015E-05
38	-4.1679228E-04	6.5498584E-05
39	-4.0365841E-04	6.5745072E-05
40	-3.9052953E-04	6.5463377E-05
41	-3.7750292E-04	6.4734821E-05
42	-3.6466033E-04	6.3635349E-05
43	-3.5206897E-04	6.2233097E-05
44	-3.3978344E-04	6.0585552E-05
45	-3.2784806E-04	5.8739122E-05
46	-3.1629872E-04	5.6729790E-05
47	-3.0516525E-04	5.4583858E-05
48	-2.9447313E-04	5.2318576E-05
49	-2.8424519E-04	4.9942796E-05
50	-2.7450335E-04	4.7457593E-05
51	-2.6526991E-04	4.4856803E-05
52	-2.5656936E-04	4.2127707E-05
53	-2.4842632E-04	3.9288874E-05
54	-2.4085782E-04	3.6389863E-05
55	-2.3387157E-04	3.3472887E-05
56	-2.2746749E-04	3.0573569E-05
57	-2.2163899E-04	2.7721595E-05
58	-2.1637407E-04	2.4941335E-05
59	-2.1165636E-04	2.2252426E-05
60	-2.0746598E-04	1.9670307E-05
61	-2.0378034E-04	1.7206718E-05
62	-2.0057482E-04	1.4870160E-05
63	-1.9782343E-04	1.2666311E-05
64	-1.9549924E-04	1.0598417E-05
65	-1.9357492E-04	8.6676312E-06
66	-1.9202308E-04	6.8733383E-06
67	-1.9081662E-04	5.2134349E-06
68	-1.8992897E-04	3.6845870E-06
69	-1.8933434E-04	2.2824280E-06
70	-1.8900791E-04	1.0017146E-06
71	-1.8892596E-04	-1.6349628E-07
72	-1.8906603E-04	-1.2196677E-06

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73 -1.8940689E-04 -2.1718874E-06  
74 -1.8992812E-04 -3.0240242E-06  
75 -1.9061013E-04 -3.7806068E-06  
76 -1.9143432E-04 -4.4466589E-06  
77 -1.9238312E-04 -5.0275563E-06  
78 -1.9344005E-04 -5.5289366E-06  
79 -1.9458978E-04 -5.9566482E-06  
80 -1.9581819E-04 -6.3166810E-06  
81 -1.9711235E-04 -6.6150897E-06  
82 -1.9846053E-04 -6.8579316E-06  
83 -1.9985222E-04 -7.0512201E-06  
84 -2.0127811E-04 -7.2008900E-06  
85 -2.0273005E-04 -7.3127741E-06  
86 -2.0420108E-04 -7.3925907E-06  
87 -2.0568532E-04 -7.4459389E-06  
88 -2.0717805E-04 -7.4783006E-06  
89 -2.0867560E-04 -7.4950496E-06  
90 -2.1017546E-04 -7.5014640E-06  
91 -2.1167592E-04 -7.5027415E-06











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33 D	28.53	-4.7792E-04	38.11	117.4	75.08	139.2	UL-RL	4.5511E+04	-6.400	25.22	1.000	1.000
142.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	29.11	-4.6683E-04	40.45	118.2	77.52	139.5	UL-RL	4.5511E+04	-6.600	27.32	1.000	1.000
145.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	29.73	-4.5499E-04	42.79	119.2	79.96	139.9	UL-RL	4.5511E+04	-6.800	29.42	1.000	1.000
148.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	30.37	-4.4260E-04	45.12	120.3	82.40	140.5	UL-RL	4.5511E+04	-7.000	31.53	1.000	1.000
151.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	31.05	-4.2982E-04	47.46	121.6	84.84	141.2	UL-RL	4.5511E+04	-7.200	33.63	1.000	1.000
155.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	31.74	-4.1679E-04	49.80	123.0	87.28	141.9	UL-RL	4.5511E+04	-7.400	35.73	1.000	1.000
158.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	32.45	-4.0366E-04	52.14	124.4	89.72	142.8	UL-RL	4.5511E+04	-7.600	37.83	1.000	1.000
162.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	33.17	-3.9053E-04	54.48	125.9	92.16	143.7	UL-RL	4.5511E+04	-7.800	39.93	1.000	1.000
165.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	33.91	-3.7750E-04	56.82	127.5	94.60	144.7	UL-RL	4.5511E+04	-8.000	42.03	1.000	1.000
169.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	34.66	-3.6466E-04	59.15	129.1	97.04	145.7	UL-RL	4.5511E+04	-8.200	44.14	1.000	1.000
173.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	35.41	-3.5207E-04	61.49	130.8	99.48	146.8	UL-RL	4.5511E+04	-8.400	46.24	1.000	1.000
177.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	36.17	-3.3978E-04	63.83	132.5	101.9	148.0	UL-RL	4.5511E+04	-8.600	48.34	1.000	1.000
180.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	36.93	-3.2785E-04	66.17	134.2	104.4	149.1	UL-RL	4.5511E+04	-8.800	50.44	1.000	1.000
184.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	37.70	-3.1630E-04	68.51	136.0	106.8	150.3	UL-RL	4.5511E+04	-9.000	52.54	1.000	1.000
188.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	38.47	-3.0517E-04	70.85	137.7	109.2	151.6	UL-RL	4.5511E+04	-9.200	54.64	1.000	1.000
192.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	39.24	-2.9447E-04	73.18	139.5	111.7	152.9	UL-RL	4.5511E+04	-9.400	56.75	1.000	1.000
196.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	40.01	-2.8425E-04	75.52	141.2	114.1	154.1	UL-RL	4.5511E+04	-9.600	58.85	1.000	1.000
200.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	40.78	-2.7450E-04	77.86	143.0	116.6	155.5	UL-RL	4.5511E+04	-9.800	60.95	1.000	1.000
203.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	41.56	-2.6527E-04	80.20	144.7	119.0	156.8	UL-RL	4.5511E+04	-10.00	63.05	1.000	1.000
207.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	41.50	-2.5657E-04	82.54	142.4	121.4	158.2	UL-RL	6.1647E+04	-10.20	65.15	1.000	1.000
207.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	42.30	-2.4843E-04	84.88	144.2	123.9	159.6	UL-RL	6.1647E+04	-10.40	67.25	1.000	1.000
211.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	43.09	-2.4086E-04	87.21	146.1	126.3	160.9	UL-RL	6.1647E+04	-10.60	69.36	1.000	1.000
215.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	43.88	-2.3387E-04	89.55	147.9	128.8	162.4	UL-RL	6.1647E+04	-10.80	71.46	1.000	1.000
219.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	44.67	-2.2747E-04	91.89	149.8	131.2	163.8	UL-RL	6.1647E+04	-11.00	73.56	1.000	1.000
223.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	45.45	-2.2164E-04	94.23	151.6	133.6	165.2	UL-RL	6.1647E+04	-11.20	75.66	1.000	1.000
227.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	46.22	-2.1637E-04	96.57	153.4	136.1	166.7	UL-RL	6.1647E+04	-11.40	77.76	1.000	1.000
231.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	47.00	-2.1166E-04	98.91	155.1	138.5	168.2	UL-RL	6.1647E+04	-11.60	79.86	1.000	1.000
235.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	47.77	-2.0747E-04	101.2	156.9	141.0	169.7	UL-RL	6.1647E+04	-11.80	81.97	1.000	1.000
238.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	48.53	-2.0378E-04	103.6	158.6	143.4	171.1	UL-RL	6.1647E+04	-12.00	84.07	1.000	1.000
242.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	49.29	-2.0057E-04	105.9	160.3	145.8	172.7	UL-RL	6.1647E+04	-12.20	86.17	1.000	1.000
246.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	50.05	-1.9782E-04	108.3	162.0	148.3	174.2	UL-RL	6.1647E+04	-12.40	88.27	1.000	1.000
250.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	50.80	-1.9550E-04	110.6	163.6	150.7	175.7	UL-RL	6.1647E+04	-12.60	90.37	1.000	1.000
254.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	51.55	-1.9357E-04	112.9	165.3	153.2	177.2	UL-RL	6.1647E+04	-12.80	92.47	1.000	1.000
257.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	52.30	-1.9202E-04	115.3	166.9	155.6	178.8	UL-RL	6.1647E+04	-13.00	94.58	1.000	1.000
261.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	53.05	-1.9082E-04	117.6	168.6	158.0	180.3	UL-RL	6.1647E+04	-13.20	96.68	1.000	1.000
265.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	53.79	-1.8993E-04	120.0	170.2	160.5	181.9	UL-RL	6.1647E+04	-13.40	98.78	1.000	1.000
269.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	54.53	-1.8933E-04	122.3	171.8	162.9	183.5	UL-RL	6.1647E+04	-13.60	100.9	1.000	1.000
272.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	55.27	-1.8901E-04	124.6	173.4	165.4	185.0	UL-RL	6.1647E+04	-13.80	103.0	1.000	1.000
276.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	56.01	-1.8893E-04	127.0	175.0	167.8	186.6	UL-RL	6.1647E+04	-14.00	105.1	1.000	1.000
280.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
72 D	56.25	-1.8907E-04	128.9	174.1	169.9	185.7	UL-RL	6.1647E+04	-14.20	107.2	1.000	1.000
281.2	0.000	0.000	Limosabbiosol_237_225_L_0									
73 D	56.93	-1.8941E-04	130.9	175.3	171.9	187.0	UL-RL	6.1647E+04	-14.40	109.3	1.000	1.000
284.6	0.000	0.000	Limosabbiosol_237_225_L_0									
74 D	57.60	-1.8993E-04	132.8	176.6	174.0	188.3	UL-RL	6.1647E+04	-14.60	111.4	1.000	1.000
288.0	0.000	0.000	Limosabbiosol_237_225_L_0									
75 D	58.28	-1.9061E-04	134.8	177.9	176.0	189.7	UL-RL	6.1647E+04	-14.80	113.5	1.000	1.000
291.4	0.000	0.000	Limosabbiosol_237_225_L_0									
76 D	58.96	-1.9143E-04	136.8	179.2	178.1	191.0	UL-RL	6.1647E+04	-15.00	115.6	1.000	1.000
294.8	0.000	0.000	Limosabbiosol_237_225_L_0									
77 D	59.63	-1.9238E-04	138.7	180.5	180.2	192.3	UL-RL	6.1647E+04	-15.20	117.7	1.000	1.000
298.2	0.000	0.000	Limosabbiosol_237_225_L_0									

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78 D	60.31	-1.9344E-04	140.7	181.7	182.2	193.7	UL-RL	6.1647E+04	-15.40	119.8	1.000	1.000
301.5	0.000	0.000	Limosabbiosol_237_225_L_0									
79 D	60.98	-1.9459E-04	142.6	183.0	184.3	195.0	UL-RL	6.1647E+04	-15.60	121.9	1.000	1.000
304.9	0.000	0.000	Limosabbiosol_237_225_L_0									
80 D	61.66	-1.9582E-04	144.6	184.3	186.3	196.4	UL-RL	6.1647E+04	-15.80	124.0	1.000	1.000
308.3	0.000	0.000	Limosabbiosol_237_225_L_0									
81 D	62.33	-1.9711E-04	146.5	185.6	188.4	197.7	UL-RL	6.1647E+04	-16.00	126.1	1.000	1.000
311.7	0.000	0.000	Limosabbiosol_237_225_L_0									
82 D	63.01	-1.9846E-04	148.5	186.8	190.5	199.1	UL-RL	6.1647E+04	-16.20	128.2	1.000	1.000
315.0	0.000	0.000	Limosabbiosol_237_225_L_0									
83 D	63.68	-1.9985E-04	150.5	188.1	192.5	200.4	UL-RL	6.1647E+04	-16.40	130.3	1.000	1.000
318.4	0.000	0.000	Limosabbiosol_237_225_L_0									
84 D	64.36	-2.0128E-04	152.4	189.4	194.6	201.8	UL-RL	6.1647E+04	-16.60	132.4	1.000	1.000
321.8	0.000	0.000	Limosabbiosol_237_225_L_0									
85 D	65.03	-2.0273E-04	154.4	190.7	196.6	203.2	UL-RL	6.1647E+04	-16.80	134.5	1.000	1.000
325.2	0.000	0.000	Limosabbiosol_237_225_L_0									
86 D	65.71	-2.0420E-04	156.3	191.9	198.7	204.5	UL-RL	6.1647E+04	-17.00	136.6	1.000	1.000
328.5	0.000	0.000	Limosabbiosol_237_225_L_0									
87 D	66.39	-2.0569E-04	158.3	193.2	200.8	205.9	UL-RL	6.1647E+04	-17.20	138.7	1.000	1.000
331.9	0.000	0.000	Limosabbiosol_237_225_L_0									
88 D	67.06	-2.0718E-04	160.3	194.5	202.8	207.3	UL-RL	6.1647E+04	-17.40	140.8	1.000	1.000
335.3	0.000	0.000	Limosabbiosol_237_225_L_0									
89 D	67.74	-2.0868E-04	162.2	195.8	204.9	208.7	UL-RL	6.1647E+04	-17.60	142.9	1.000	1.000
338.7	0.000	0.000	Limosabbiosol_237_225_L_0									
90 D	68.42	-2.1018E-04	164.2	197.1	206.9	210.0	UL-RL	6.1647E+04	-17.80	145.0	1.000	1.000
342.1	0.000	0.000	Limosabbiosol_237_225_L_0									
91 D	34.55	-2.1168E-04	166.1	198.4	209.0	211.4	UL-RL	6.1647E+04	-18.00	147.1	1.000	1.000
345.5	0.000	0.000	Limosabbiosol_237_225_L_0									

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NewProject.BaseDesignSection\_28.A2M2R1\_3805

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.93219	-0.93219	6.61338E-12	0.18644
2	3.3478	-3.3478	-0.18644	0.85601
3	6.1921	-6.1921	-0.85601	2.0944
4	9.1169	-9.1169	-2.0944	3.9178
5	12.961	-12.961	-3.9178	6.5101
6	17.772	-17.772	-6.5101	10.065
7	23.457	-23.457	-10.065	14.756
8	29.937	-29.937	-14.756	20.743
9	41.675	-41.675	-20.743	29.078
10	53.926	-53.926	-29.078	39.863
11	66.634	-66.634	-39.863	53.190
12	79.797	-79.797	-53.190	69.150
13	93.392	-93.392	-69.150	87.828
14	107.44	-107.44	-87.828	109.32
15	122.31	-122.31	-109.32	133.78
16	-103.26	103.26	-133.78	113.13
17	-86.361	86.361	-113.13	95.855
18	-68.521	68.521	-95.855	82.151
19	-51.973	51.973	-82.151	71.756
20	-39.161	39.161	-71.756	63.924
21	-30.124	30.124	-63.924	57.899
22	-23.404	23.404	-57.899	53.219
23	-19.018	19.018	-53.219	49.415
24	-16.979	16.979	-49.415	46.019
25	-17.290	17.290	-46.019	42.561
26	-19.951	19.951	-42.561	38.571
27	-20.699	20.699	-38.571	34.431
28	-20.818	20.818	-34.431	30.268
29	-20.454	20.454	-30.268	26.177
30	-19.723	19.723	-26.177	22.232
31	-18.718	18.718	-22.232	18.489
32	-17.518	17.518	-18.489	14.985
33	-16.183	16.183	-14.985	11.749
34	-14.766	14.766	-11.749	8.7955
35	-13.310	13.310	-8.7955	6.1336
36	-11.848	11.848	-6.1336	3.7639
37	-10.411	10.411	-3.7639	1.6818
38	-9.0192	9.0192	-1.6818	-0.12202
39	-7.6928	7.6928	0.12202	-1.6606
40	-6.4460	6.4460	1.6606	-2.9498
41	-5.2900	5.2900	2.9498	-4.0078
42	-4.2901	4.2901	4.0078	-4.8658
43	-3.4711	3.4711	4.8658	-5.5600
44	-2.8220	2.8220	5.5600	-6.1244
45	-2.3320	2.3320	6.1244	-6.5908
46	-1.9901	1.9901	6.5908	-6.9888
47	-1.7861	1.7861	6.9888	-7.3460
48	-1.7101	1.7101	7.3460	-7.6881
49	-1.7525	1.7525	7.6881	-8.0386
50	-1.9043	1.9043	8.0386	-8.4194
51	-2.1571	2.1571	8.4194	-8.8508
52	-1.3134	1.3134	8.8508	-9.1135
53	-0.59069	0.59069	9.1135	-9.2316
54	2.23154E-02	-2.23154E-02	9.2316	-9.2272
55	0.53637	-0.53637	9.2272	-9.1199
56	0.96159	-0.96159	9.1199	-8.9276
57	1.3075	-1.3075	8.9276	-8.6661
58	1.5829	-1.5829	8.6661	-8.3495
59	1.7960	-1.7960	8.3495	-7.9903
60	1.9544	-1.9544	7.9903	-7.5995
61	2.0649	-2.0649	7.5995	-7.1865
62	2.1341	-2.1341	7.1865	-6.7597
63	2.1676	-2.1676	6.7597	-6.3261
64	2.1706	-2.1706	6.3261	-5.8920
65	2.1480	-2.1480	5.8920	-5.4624
66	2.1041	-2.1041	5.4624	-5.0416
67	2.0426	-2.0426	5.0416	-4.6331
68	1.9659	-1.9659	4.6331	-4.2399

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69	1.8767	-1.8767	4.2399	-3.8646
70	1.7779	-1.7779	3.8646	-3.5090
71	1.6722	-1.6722	3.5090	-3.1745
72	1.6169	-1.6169	3.1745	-2.8512
73	1.5498	-1.5498	2.8512	-2.5412
74	1.4736	-1.4736	2.5412	-2.2465
75	1.3908	-1.3908	2.2465	-1.9683
76	1.3035	-1.3035	1.9683	-1.7076
77	1.2124	-1.2124	1.7076	-1.4651
78	1.1185	-1.1185	1.4651	-1.2414
79	1.0229	-1.0229	1.2414	-1.0369
80	0.92690	-0.92690	1.0369	-0.85149
81	0.83125	-0.83125	0.85149	-0.68524
82	0.73663	-0.73663	0.68524	-0.53791
83	0.64348	-0.64348	0.53791	-0.40921
84	0.55207	-0.55207	0.40921	-0.29880
85	0.46255	-0.46255	0.29880	-0.20629
86	0.37492	-0.37492	0.20629	-0.13130
87	0.28910	-0.28910	0.13130	-7.34842E-02
88	0.20490	-0.20490	7.34842E-02	-3.25047E-02
89	0.12210	-0.12210	3.25047E-02	-8.08419E-03
90	4.04210E-02	-4.04210E-02	8.08419E-03	-8.95763E-13



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NewProject.BaseDesignSection\_28.A2M2R1\_3805  
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :  
 ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 3.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	250.00	-1.09719E-03	-1.09719E-03	0.0000	0.0000	0.0000	0.0000	BORN NOW JUST ACTIVATED

ITER 0 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.5803E+06 RIMNOR=0.2122E+06  
 RENORM=0.4084E+05 REMNOR=0.4251E-21 RATIO =0.2653 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 133.8  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.5803E+06 RDR =0.2122E+06  
 RATIOT=0.2653 RATIO= 0.000  
 MAX UN= 35.72 IEQ= 95 NODE 48 DOF 1 Y-DISPL.F  
 MIN UN=-31.61 IEQ= 145 NODE 73 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.5803E+06 RIMNOR=0.2122E+06  
 RENORM=0.6631 REMNOR=0.2494E-18 RATIO =0.1069E-02 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 133.8  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.5803E+06 RDR =0.2122E+06  
 RATIOT=0.1069E-02 RATIO= 0.000  
 MAX UN=0.3995 IEQ= 61 NODE 31 DOF 1 Y-DISPL.F  
 MIN UN=-.1415 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.5803E+06 RIMNOR=0.2122E+06  
 RENORM=0.6848E-03 REMNOR=0.2194E-19 RATIO =0.3435E-04 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 241.5 RMMAX = 133.8  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.5803E+06 RDR =0.2122E+06  
 RATIOT=0.3435E-04 RATIO= 0.000  
 MAX UN=0.7094E-09 IEQ= 87 NODE 44 DOF 1 Y-DISPL.F  
 MIN UN=-.1266E-01 IEQ= 117 NODE 59 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 4 ( AT TIME 4.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	-9.9155933E-05	5.3016480E-04	
2	6.8794263E-06	5.3020078E-04	
3	1.1293495E-04	5.3039537E-04	
4	2.1906042E-04	5.3093267E-04	
5	3.2534405E-04	5.3201031E-04	
6	4.3191557E-04	5.3385329E-04	
7	5.3895477E-04	5.3673748E-04	
8	6.4670166E-04	5.4098814E-04	
9	7.5546575E-04	5.4697451E-04	
10	8.6563929E-04	5.5517828E-04	
11	9.7772245E-04	5.6616290E-04	
12	1.0923260E-03	5.8047034E-04	
13	1.2101667E-03	5.9861925E-04	
14	1.3320627E-03	6.2110417E-04	
15	1.4589287E-03	6.4839368E-04	
16	1.5917706E-03	6.8093925E-04	
17	1.7311606E-03	7.1132861E-04	
18	1.8756645E-03	7.3215454E-04	
19	2.0234154E-03	7.4387581E-04	
20	2.1726385E-03	7.4695193E-04	
21	2.3216505E-03	7.4184192E-04	
22	2.4688600E-03	7.2900359E-04	
23	2.6127671E-03	7.0889340E-04	
24	2.7519623E-03	6.8196690E-04	
25	2.8851291E-03	6.4867897E-04	
26	3.0110402E-03	6.0948581E-04	
27	3.1285603E-03	5.6484604E-04	
28	3.2366390E-03	5.1511263E-04	
29	3.3342819E-03	4.6053494E-04	
30	3.4205470E-03	4.0137414E-04	
31	3.4945447E-03	3.3790968E-04	
32	3.5554436E-03	2.7043712E-04	
33	3.6024731E-03	1.9926832E-04	
34	3.6349265E-03	1.2473230E-04	
35	3.6521645E-03	4.7174616E-05	
36	3.6536188E-03	-3.3043507E-05	
37	3.6387958E-03	-1.1553114E-04	
38	3.6072838E-03	-1.9985716E-04	
39	3.5587622E-03	-2.8554413E-04	
40	3.4930111E-03	-3.7206199E-04	
41	3.4099215E-03	-4.5882386E-04	
42	3.3095088E-03	-5.4517740E-04	
43	3.1919257E-03	-6.3040226E-04	
44	3.0574760E-03	-7.1370599E-04	
45	2.9066304E-03	-7.9421607E-04	
46	2.7400406E-03	-8.7097116E-04	
47	2.5585629E-03	-9.4291050E-04	
48	2.3632751E-03	-1.0088694E-03	
49	2.1554988E-03	-1.0675733E-03	
50	1.9367887E-03	-1.1181496E-03	
51	1.7088046E-03	-1.1602582E-03	
52	1.4732678E-03	-1.1937024E-03	
53	1.2318952E-03	-1.2186426E-03	
54	9.8634807E-04	-1.2355231E-03	
55	7.3819340E-04	-1.2447926E-03	
56	4.8890841E-04	-1.2469015E-03	
57	2.3988008E-04	-1.2423012E-03	
58	-7.5949278E-06	-1.2314437E-03	
59	-2.5231042E-04	-1.2147816E-03	
60	-4.9315085E-04	-1.1927687E-03	
61	-7.2909123E-04	-1.1658556E-03	
62	-9.5919606E-04	-1.1344869E-03	
63	-1.1826184E-03	-1.0991045E-03	
64	-1.3985998E-03	-1.0601504E-03	
65	-1.6064702E-03	-1.0180705E-03	
66	-1.8056498E-03	-9.7331854E-04	
67	-1.9956506E-03	-9.2636069E-04	
68	-2.1760792E-03	-8.7767983E-04	
69	-2.3466413E-03	-8.2778055E-04	
70	-2.5071456E-03	-7.7719419E-04	
71	-2.6575107E-03	-7.2648388E-04	
72	-2.7977709E-03	-6.7624978E-04	

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73 -2.9280856E-03 -6.2714036E-04  
74 -3.0487454E-03 -5.7980516E-04  
75 -3.1601636E-03 -5.3481012E-04  
76 -3.2628559E-03 -4.9261311E-04  
77 -3.3574192E-03 -4.5357150E-04  
78 -3.4445125E-03 -4.1794919E-04  
79 -3.5248387E-03 -3.8592318E-04  
80 -3.5991279E-03 -3.5758946E-04  
81 -3.6681220E-03 -3.3296845E-04  
82 -3.7325595E-03 -3.1200983E-04  
83 -3.7931623E-03 -2.9459690E-04  
84 -3.8506227E-03 -2.8055040E-04  
85 -3.9055910E-03 -2.6963186E-04  
86 -3.9586643E-03 -2.6154656E-04  
87 -4.0103752E-03 -2.5594603E-04  
88 -4.0611817E-03 -2.5243014E-04  
89 -4.1114563E-03 -2.5054896E-04  
90 -4.1614795E-03 -2.4980424E-04  
91 -4.2114199E-03 -2.4965076E-04











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                PARATIEPLUS(TM)  NLS ENGINE RELEASE 2018.0  FULL VERSION  *Build date:Nov 13, 2017*
                NewProject.BaseDesignSection_28.A2M2R1_3805
                Exe Time : 8 June 2018      11:15:47
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New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
 ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
 CURRENT TIME IS 4.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



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78 D	68.04	-3.4445E-03	69.29 281.6 182.2	364.1	UL-RL 2.5384E+04 -15.40 58.63 1.000 1.000
340.2	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	67.71	-3.5248E-03	71.18 277.7 184.3	362.3	UL-RL 2.5384E+04 -15.60 60.80 1.000 1.000
338.5	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	67.43	-3.5991E-03	73.07 274.2 186.3	360.6	UL-RL 2.5384E+04 -15.80 62.97 1.000 1.000
337.2	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	67.22	-3.6681E-03	74.96 270.9 188.4	359.1	UL-RL 2.5384E+04 -16.00 65.14 1.000 1.000
336.1	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	67.05	-3.7326E-03	76.85 268.0 190.5	357.7	UL-RL 2.5384E+04 -16.20 67.31 1.000 1.000
335.3	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	66.94	-3.7932E-03	78.73 265.2 192.5	356.4	UL-RL 2.5384E+04 -16.40 69.49 1.000 1.000
334.7	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	66.86	-3.8506E-03	80.62 262.7 194.6	355.3	UL-RL 2.5384E+04 -16.60 71.66 1.000 1.000
334.3	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	66.82	-3.9056E-03	82.51 260.3 196.6	354.3	UL-RL 2.5384E+04 -16.80 73.83 1.000 1.000
334.1	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	66.81	-3.9587E-03	84.40 258.1 198.7	353.4	UL-RL 2.5384E+04 -17.00 76.00 1.000 1.000
334.1	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	66.83	-4.0104E-03	86.29 256.0 200.8	352.6	UL-RL 2.5384E+04 -17.20 78.17 1.000 1.000
334.2	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	66.88	-4.0612E-03	88.18 254.0 202.8	351.9	UL-RL 2.5384E+04 -17.40 80.34 1.000 1.000
334.4	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	66.94	-4.1115E-03	90.07 252.2 204.9	351.3	UL-RL 2.5384E+04 -17.60 82.51 1.000 1.000
334.7	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	67.02	-4.1615E-03	91.95 250.4 206.9	350.7	UL-RL 2.5384E+04 -17.80 84.69 1.000 1.000
335.1	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	33.56	-4.2114E-03	93.84 248.8 209.0	350.3	UL-RL 2.5384E+04 -18.00 86.86 1.000 1.000
335.6	0.000	0.000	Limosabbiosol_237_225_L_0		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:15:47

New Project

STRESS RESULTS FOR GROUP NO. 3

Wallelement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 4.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.1384	-1.1384	1.12799E-12	0.22769
2	3.8800	-3.8800	-0.22769	1.0037
3	6.9636	-6.9636	-1.0037	2.3964
4	10.133	-10.133	-2.3964	4.4230
5	14.083	-14.083	-4.4230	7.2396
6	18.861	-18.861	-7.2396	11.012
7	24.374	-24.374	-11.012	15.887
8	30.544	-30.544	-15.887	21.996
9	39.615	-39.615	-21.996	29.918
10	48.373	-48.373	-29.918	39.593
11	56.763	-56.763	-39.593	50.946
12	64.783	-64.783	-50.946	63.902
13	72.410	-72.410	-63.902	78.384
14	79.609	-79.609	-78.384	94.306
15	86.695	-86.695	-94.306	111.64
16	-154.92	154.92	-111.64	80.661
17	-147.67	147.67	-80.661	51.127
18	-140.40	140.40	-51.127	23.046
19	-133.13	133.13	-23.046	-3.5803
20	-125.88	125.88	3.5803	-28.756
21	-118.65	118.65	28.756	-52.486
22	-111.44	111.44	52.486	-74.773
23	-104.24	104.24	74.773	-95.621
24	-97.036	97.036	95.621	-115.03
25	-89.808	89.808	115.03	-132.99
26	-82.525	82.525	132.99	-149.49
27	-78.639	78.639	149.49	-165.22
28	-74.645	74.645	165.22	-180.15
29	-70.359	70.359	180.15	-194.22
30	-65.811	65.811	194.22	-207.38
31	-61.007	61.007	207.38	-219.59
32	-55.944	55.944	219.59	-230.78
33	-50.596	50.596	230.78	-240.89
34	-45.023	45.023	240.89	-249.90
35	-39.143	39.143	249.90	-257.73
36	-32.666	32.666	257.73	-264.26
37	-25.502	25.502	264.26	-269.36
38	-17.559	17.559	269.36	-272.87
39	-8.7445	8.7445	272.87	-274.62
40	1.0375	-1.0375	274.62	-274.41
41	11.882	-11.882	274.41	-272.04
42	23.830	-23.830	272.04	-267.27
43	36.955	-36.955	267.27	-259.88
44	51.425	-51.425	259.88	-249.60
45	67.398	-67.398	249.60	-236.12
46	84.974	-84.974	236.12	-219.12
47	104.25	-104.25	219.12	-198.27
48	125.30	-125.30	198.27	-173.21
49	131.85	-131.85	173.21	-146.84
50	136.08	-136.08	146.84	-119.63
51	138.05	-138.05	119.63	-92.016
52	131.04	-131.04	92.016	-65.807
53	123.97	-123.97	65.807	-41.014
54	116.85	-116.85	41.014	-17.644
55	109.71	-109.71	17.644	4.2985
56	102.57	-102.57	-4.2985	24.812
57	95.415	-95.415	-24.812	43.895
58	88.242	-88.242	-43.895	61.544
59	81.059	-81.059	-61.544	77.755
60	73.987	-73.987	-77.755	92.553
61	66.987	-66.987	-92.553	105.95
62	60.010	-60.010	-105.95	117.95
63	53.001	-53.001	-117.95	128.55
64	45.901	-45.901	-128.55	137.73
65	38.642	-38.642	-137.73	145.46
66	31.154	-31.154	-145.46	151.69
67	23.363	-23.363	-151.69	156.36
68	15.188	-15.188	-156.36	159.40

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69	6.5513	-6.5513	-159.40	160.71
70	-2.6299	2.6299	-160.71	160.19
71	-12.437	12.437	-160.19	157.70
72	-23.149	23.149	-157.70	153.07
73	-32.988	32.988	-153.07	146.47
74	-41.056	41.056	-146.47	138.26
75	-47.475	47.475	-138.26	128.77
76	-52.363	52.363	-128.77	118.29
77	-55.825	55.825	-118.29	107.13
78	-57.962	57.962	-107.13	95.535
79	-58.863	58.863	-95.535	83.763
80	-58.608	58.608	-83.763	72.041
81	-57.271	57.271	-72.041	60.587
82	-54.916	54.916	-60.587	49.604
83	-51.599	51.599	-49.604	39.284
84	-47.371	47.371	-39.284	29.810
85	-42.274	42.274	-29.810	21.355
86	-36.345	36.345	-21.355	14.086
87	-29.614	29.614	-14.086	8.1630
88	-22.109	22.109	-8.1630	3.7413
89	-13.850	13.850	-3.7413	0.97120
90	-4.8560	4.8560	-0.97120	1.83853E-11





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                NewProject.BaseDesignSection_28.A2M2R1_3805
                Exe Time : 8 June 2018      11:15:47
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :  
 ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 4.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	257.58	-1.09719E-03	7.41826E-04	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

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ITER 0 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.1309E+07 RIMNOR=0.3606E+07
      RENORM=0.6848E-03 REMNOR=0.2194E-19 RATIO =0.2287E-04 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 248.8      RMMAX = 274.6
      RTSMAL=0.1000E-02 RMSMAL=0.1000E-02
      RDT =0.1309E+07 RDR =0.3606E+07
      RATIOT=0.2287E-04 RATIO= 0.000
      MAX UN=0.7094E-09 IEQ= 87 NODE      44 DOF 1 Y-DISPL.F
      MIN UN=-.1266E-01 IEQ= 117 NODE      59 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
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ITER 1 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.1309E+07 RIMNOR=0.3606E+07
      RENORM=0.2349E-05 REMNOR=0.2109E-19 RATIO =0.1340E-05 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 248.8      RMMAX = 274.6
      RTSMAL=0.1000E-02 RMSMAL=0.1000E-02
      RDT =0.1309E+07 RDR =0.3606E+07
      RATIOT=0.1340E-05 RATIO= 0.000
      MAX UN=0.1019E-04 IEQ= 55 NODE      28 DOF 1 Y-DISPL.F
      MIN UN=-.6662E-03 IEQ= 149 NODE      75 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
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ITER 2 RNORM = 0.000      RMNORM= 0.000
      RINORM=0.1309E+07 RIMNOR=0.3606E+07
      RENORM=0.5423E-09 REMNOR=0.2465E-19 RATIO =0.2035E-07 TOLER =0.1000E-03      CONVERGED !
      RFMAX = 248.8      RMMAX = 274.6
      RTSMAL=0.1000E-02 RMSMAL=0.1000E-02
      RDT =0.1309E+07 RDR =0.3606E+07
      RATIOT=0.2035E-07 RATIO= 0.000
      MAX UN=0.6710E-06 IEQ= 57 NODE      29 DOF 1 Y-DISPL.F
      MIN UN=-.2328E-04 IEQ= 173 NODE      87 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:15:47

New Project  
SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 5 ( AT TIME 5.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	-9.9124936E-05	5.3016203E-04	
2	6.9098683E-06	5.3019801E-04	
3	1.1296484E-04	5.3039259E-04	
4	2.1908975E-04	5.3092989E-04	
5	3.2537282E-04	5.3200752E-04	
6	4.3194378E-04	5.3385048E-04	
7	5.3898242E-04	5.3673465E-04	
8	6.4672874E-04	5.4098528E-04	
9	7.5549225E-04	5.4697161E-04	
10	8.6566521E-04	5.5517533E-04	
11	9.7774777E-04	5.6615987E-04	
12	1.0923507E-03	5.8046721E-04	
13	1.2101908E-03	5.9861599E-04	
14	1.3320861E-03	6.2110072E-04	
15	1.4589513E-03	6.4839000E-04	
16	1.5917925E-03	6.8093528E-04	
17	1.7311817E-03	7.1132430E-04	
18	1.8756847E-03	7.3214981E-04	
19	2.0234346E-03	7.4387058E-04	
20	2.1726566E-03	7.4694611E-04	
21	2.3216673E-03	7.4183543E-04	
22	2.4688755E-03	7.2899633E-04	
23	2.6127811E-03	7.0888527E-04	
24	2.7519745E-03	6.8195780E-04	
25	2.8851394E-03	6.4866879E-04	
26	3.0110483E-03	6.0947445E-04	
27	3.1285661E-03	5.6483338E-04	
28	3.2366421E-03	5.1509856E-04	
29	3.3342820E-03	4.6051934E-04	
30	3.4205438E-03	4.0135689E-04	
31	3.4945379E-03	3.3789067E-04	
32	3.5554328E-03	2.7041624E-04	
33	3.6024580E-03	1.9924545E-04	
34	3.6349065E-03	1.2470734E-04	
35	3.6521394E-03	4.7147475E-05	
36	3.6535881E-03	-3.3072928E-05	
37	3.6387589E-03	-1.1556293E-04	
38	3.6072403E-03	-1.9989138E-04	
39	3.5587116E-03	-2.8558083E-04	
40	3.4929529E-03	-3.7210122E-04	
41	3.4098552E-03	-4.5886564E-04	
42	3.3094339E-03	-5.4522172E-04	
43	3.1918417E-03	-6.3044910E-04	
44	3.0573823E-03	-7.1375530E-04	
45	2.9065266E-03	-7.9426775E-04	
46	2.7399263E-03	-8.7102510E-04	
47	2.5584376E-03	-9.4296654E-04	
48	2.3631384E-03	-1.0089274E-03	
49	2.1553504E-03	-1.0676329E-03	
50	1.9366282E-03	-1.1182105E-03	
51	1.7086318E-03	-1.1603201E-03	
52	1.4730826E-03	-1.1937647E-03	
53	1.2316975E-03	-1.2187047E-03	
54	9.8613803E-04	-1.2355843E-03	
55	7.3797131E-04	-1.2448518E-03	
56	4.8867475E-04	-1.2469578E-03	
57	2.3963557E-04	-1.2423532E-03	
58	-7.8492877E-06	-1.2314899E-03	
59	-2.5257332E-04	-1.2148204E-03	
60	-4.9342065E-04	-1.1927987E-03	
61	-7.2936606E-04	-1.1658758E-03	
62	-9.5947391E-04	-1.1344969E-03	
63	-1.1828972E-03	-1.0991043E-03	
64	-1.3988775E-03	-1.0601401E-03	
65	-1.6067449E-03	-1.0180507E-03	
66	-1.8059197E-03	-9.7328996E-04	
67	-1.9959139E-03	-9.2632413E-04	
68	-2.1763346E-03	-8.7763621E-04	
69	-2.3468872E-03	-8.2773082E-04	
70	-2.5073811E-03	-7.7713929E-04	
71	-2.6577348E-03	-7.2642474E-04	
72	-2.7979828E-03	-6.7618723E-04	

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73 -2.9282847E-03 -6.2707517E-04  
74 -3.0489312E-03 -5.7973798E-04  
75 -3.1603359E-03 -5.3474150E-04  
76 -3.2630144E-03 -4.9254352E-04  
77 -3.3575637E-03 -4.5350133E-04  
78 -3.4446429E-03 -4.1787876E-04  
79 -3.5249550E-03 -3.8585271E-04  
80 -3.5992302E-03 -3.5751913E-04  
81 -3.6682102E-03 -3.3289838E-04  
82 -3.7326337E-03 -3.1194011E-04  
83 -3.7932226E-03 -2.9452755E-04  
84 -3.8506691E-03 -2.8048141E-04  
85 -3.9056237E-03 -2.6956321E-04  
86 -3.9586833E-03 -2.6147821E-04  
87 -4.0103806E-03 -2.5587791E-04  
88 -4.0611734E-03 -2.5236219E-04  
89 -4.1114345E-03 -2.5048111E-04  
90 -4.1614441E-03 -2.4973642E-04  
91 -4.2113709E-03 -2.4958296E-04



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33 D	5.347	-3.6025E-03	162.1 26.74 162.1		
26.74	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	137.9	
34 D	5.574	-3.6349E-03	166.3 27.87 166.3		
27.87	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	140.6	
35 D	5.880	-3.6521E-03	171.5 29.40 171.5		
29.40	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	143.3	
36 D	6.477	-3.6536E-03	176.3 32.39 176.3		
32.39	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	146.0	
37 D	7.164	-3.6388E-03	180.9 35.82 180.9		
35.82	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	148.7	
38 D	7.943	-3.6072E-03	185.6 39.71 185.6		
39.71	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	151.3	
39 D	8.815	-3.5587E-03	190.7 44.07 190.7		
44.07	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	154.0	
40 D	9.782	-3.4930E-03	195.4 48.91 195.4		
48.91	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	156.6	
41 D	10.85	-3.4099E-03	200.0 54.23 200.0		
54.23	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	159.3	
42 D	11.95	-3.3094E-03	204.6 59.74 204.6		
59.74	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	161.6	
43 D	13.13	-3.1918E-03	209.6 65.63 209.6		
65.63	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	163.9	
44 D	14.47	-3.0574E-03	212.9 71.43 212.9		
72.35	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	165.7	
45 D	15.97	-2.9065E-03	216.1 77.13 216.1		
79.87	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	166.8	
46 D	17.58	-2.7399E-03	219.0 83.32 219.0		
87.89	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	168.1	
47 D	19.27	-2.5584E-03	222.3 89.97 222.3		
96.37	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	169.4	
48 D	21.06	-2.3631E-03	224.7 97.06 224.7		
105.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	170.8	
49 D	22.92	-2.1554E-03	227.9 104.5 227.9		
114.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	172.2	
50 D	24.84	-1.9366E-03	230.8 112.3 230.8		
124.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	173.7	
51 D	26.83	-1.7086E-03	233.5 120.4 233.5		
134.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	175.2	
52 D	26.29	-1.4731E-03	236.4 115.9 236.4		
131.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	178.5	
53 D	28.77	-1.2317E-03	239.5 126.5 239.5		
143.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	180.1	
54 D	31.28	-9.8614E-04	242.0 137.2 242.0		
156.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	181.6	
55 D	33.82	-7.3797E-04	245.0 148.1 245.0		
169.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	183.2	
56 D	36.36	-4.8867E-04	247.8 159.0 247.8		
181.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	184.9	
57 D	38.91	-2.3964E-04	250.9 169.8 250.9		
194.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	186.5	
58 D	41.44	7.8493E-06	253.4 180.7 253.4		
207.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	188.2	
59 D	43.76	2.5257E-04	256.4 190.5 256.4		
218.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	190.6	
60 D	45.19	4.9342E-04	259.2 195.8 259.2		
225.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	195.8	
61 D	46.60	7.2937E-04	261.9 201.0 261.9		
233.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	201.1	
62 D	47.99	9.5947E-04	264.6 206.1 264.6		
239.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	206.2	
63 D	49.36	1.1829E-03	267.6 211.2 267.6		
246.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	211.2	
64 D	50.72	1.3989E-03	270.1 216.1 270.1		
253.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	216.1	
65 D	52.05	1.6067E-03	273.1 220.9 273.1		
260.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	221.0	
66 D	53.35	1.8059E-03	275.8 225.6 275.8		
266.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	225.7	
67 D	54.63	1.9959E-03	278.7 230.2 278.7		
273.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	230.2	
68 D	55.88	2.1763E-03	281.2 234.6 281.2		
279.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	234.6	
69 D	57.11	2.3469E-03	284.1 238.9 284.1		
285.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	238.9	
70 D	58.30	2.5074E-03	286.8 243.0 286.8		
291.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	243.0	
71 D	59.46	2.6577E-03	289.5 247.0 289.5		
297.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	247.0	
72 D	60.05	2.7980E-03	291.8 248.1 291.8		
300.2	0.000	0.000	Limosabbiosol_237_225_L_0	248.1	
73 D	61.09	2.9283E-03	294.4 251.5 294.4		
305.4	0.000	0.000	Limosabbiosol_237_225_L_0	251.5	
74 D	62.10	3.0489E-03	296.4 254.7 296.4		
310.5	0.000	0.000	Limosabbiosol_237_225_L_0	254.7	
75 D	63.09	3.1603E-03	298.9 257.8 298.9		
315.4	0.000	0.000	Limosabbiosol_237_225_L_0	257.8	
76 D	64.05	3.2630E-03	301.3 260.8 301.3		
320.2	0.000	0.000	Limosabbiosol_237_225_L_0	260.8	
77 D	64.99	3.3576E-03	303.8 263.7 303.8		
324.9	0.000	0.000	Limosabbiosol_237_225_L_0	263.7	





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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:15:47

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
CURRENT TIME IS 5.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				





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78 D	68.04	-3.4446E-03	69.29 281.6 182.2	364.1	UL-RL 2.5384E+04 -15.40 58.63 1.000 1.000
340.2	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	67.70	-3.5250E-03	71.18 277.7 184.3	362.3	UL-RL 2.5384E+04 -15.60 60.80 1.000 1.000
338.5	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	67.43	-3.5992E-03	73.07 274.2 186.3	360.6	UL-RL 2.5384E+04 -15.80 62.97 1.000 1.000
337.2	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	67.22	-3.6682E-03	74.96 270.9 188.4	359.1	UL-RL 2.5384E+04 -16.00 65.14 1.000 1.000
336.1	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	67.05	-3.7326E-03	76.85 268.0 190.5	357.7	UL-RL 2.5384E+04 -16.20 67.31 1.000 1.000
335.3	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	66.94	-3.7932E-03	78.73 265.2 192.5	356.4	UL-RL 2.5384E+04 -16.40 69.49 1.000 1.000
334.7	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	66.86	-3.8507E-03	80.62 262.7 194.6	355.3	UL-RL 2.5384E+04 -16.60 71.66 1.000 1.000
334.3	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	66.82	-3.9056E-03	82.51 260.3 196.6	354.3	UL-RL 2.5384E+04 -16.80 73.83 1.000 1.000
334.1	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	66.81	-3.9587E-03	84.40 258.1 198.7	353.4	UL-RL 2.5384E+04 -17.00 76.00 1.000 1.000
334.1	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	66.83	-4.0104E-03	86.29 256.0 200.8	352.6	UL-RL 2.5384E+04 -17.20 78.17 1.000 1.000
334.2	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	66.88	-4.0612E-03	88.18 254.0 202.8	351.9	UL-RL 2.5384E+04 -17.40 80.34 1.000 1.000
334.4	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	66.94	-4.1114E-03	90.07 252.2 204.9	351.3	UL-RL 2.5384E+04 -17.60 82.51 1.000 1.000
334.7	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	67.02	-4.1614E-03	91.95 250.4 206.9	350.7	UL-RL 2.5384E+04 -17.80 84.69 1.000 1.000
335.1	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	33.56	-4.2114E-03	93.84 248.8 209.0	350.3	UL-RL 2.5384E+04 -18.00 86.86 1.000 1.000
335.6	0.000	0.000	Limosabbiosol_237_225_L_0		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:15:47

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 5.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.1384	-1.1384	-1.42525E-13	0.22768
2	3.8800	-3.8800	-0.22768	1.0037
3	6.9635	-6.9635	-1.0037	2.3964
4	10.133	-10.133	-2.3964	4.4229
5	14.083	-14.083	-4.4229	7.2395
6	18.861	-18.861	-7.2395	11.012
7	24.374	-24.374	-11.012	15.887
8	30.544	-30.544	-15.887	21.995
9	39.615	-39.615	-21.995	29.918
10	48.372	-48.372	-29.918	39.593
11	56.762	-56.762	-39.593	50.945
12	64.782	-64.782	-50.945	63.902
13	72.409	-72.409	-63.902	78.383
14	79.608	-79.608	-78.383	94.305
15	86.694	-86.694	-94.305	111.64
16	-154.92	154.92	-111.64	80.660
17	-147.67	147.67	-80.660	51.125
18	-140.40	140.40	-51.125	23.045
19	-133.13	133.13	-23.045	-3.5823
20	-125.88	125.88	3.5823	-28.758
21	-118.65	118.65	28.758	-52.488
22	-111.44	111.44	52.488	-74.776
23	-104.24	104.24	74.776	-95.624
24	-97.038	97.038	95.624	-115.03
25	-89.809	89.809	115.03	-132.99
26	-82.527	82.527	132.99	-149.50
27	-78.641	78.641	149.50	-165.23
28	-74.646	74.646	165.23	-180.16
29	-70.361	70.361	180.16	-194.23
30	-65.812	65.812	194.23	-207.39
31	-61.009	61.009	207.39	-219.59
32	-55.945	55.945	219.59	-230.78
33	-50.598	50.598	230.78	-240.90
34	-45.024	45.024	240.90	-249.91
35	-39.144	39.144	249.91	-257.73
36	-32.667	32.667	257.73	-264.27
37	-25.503	25.503	264.27	-269.37
38	-17.560	17.560	269.37	-272.88
39	-8.7450	8.7450	272.88	-274.63
40	1.0373	-1.0373	274.63	-274.42
41	11.883	-11.883	274.42	-272.05
42	23.830	-23.830	272.05	-267.28
43	36.956	-36.956	267.28	-259.89
44	51.426	-51.426	259.89	-249.60
45	67.400	-67.400	249.60	-236.12
46	84.977	-84.977	236.12	-219.13
47	104.25	-104.25	219.13	-198.28
48	125.31	-125.31	198.28	-173.22
49	131.85	-131.85	173.22	-146.84
50	136.09	-136.09	146.84	-119.63
51	138.06	-138.06	119.63	-92.017
52	131.06	-131.06	92.017	-65.805
53	123.98	-123.98	65.805	-41.009
54	116.86	-116.86	41.009	-17.636
55	109.73	-109.73	17.636	4.3099
56	102.59	-102.59	-4.3099	24.828
57	95.440	-95.440	-24.828	43.916
58	88.270	-88.270	-43.916	61.570
59	81.077	-81.077	-61.570	77.785
60	73.998	-73.998	-77.785	92.585
61	66.990	-66.990	-92.585	105.98
62	60.008	-60.008	-105.98	117.98
63	52.995	-52.995	-117.98	128.58
64	45.891	-45.891	-128.58	137.76
65	38.630	-38.630	-137.76	145.49
66	31.140	-31.140	-145.49	151.72
67	23.348	-23.348	-151.72	156.39
68	15.173	-15.173	-156.39	159.42

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69	6.5365	-6.5365	-159.42	160.73
70	-2.6440	2.6440	-160.73	160.20
71	-12.450	12.450	-160.20	157.71
72	-23.160	23.160	-157.71	153.08
73	-32.997	32.997	-153.08	146.48
74	-41.064	41.064	-146.48	138.26
75	-47.482	47.482	-138.26	128.77
76	-52.368	52.368	-128.77	118.29
77	-55.830	55.830	-118.29	107.13
78	-57.966	57.966	-107.13	95.535
79	-58.865	58.865	-95.535	83.762
80	-58.610	58.610	-83.762	72.040
81	-57.272	57.272	-72.040	60.586
82	-54.916	54.916	-60.586	49.602
83	-51.599	51.599	-49.602	39.283
84	-47.370	47.370	-39.283	29.809
85	-42.273	42.273	-29.809	21.354
86	-36.344	36.344	-21.354	14.085
87	-29.613	29.613	-14.085	8.1626
88	-22.108	22.108	-8.1626	3.7410
89	-13.849	13.849	-3.7410	0.97114
90	-4.8557	4.8557	-0.97114	6.91512E-11

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+-----+
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|
|          NewProject.BaseDesignSection_28.A2M2R1_3805
|          Exe Time : 8 June 2018      11:15:47
+-----+

```

New Project

S T R E S S R E S U L T S F O R G R O U P N O . 4

Tieback\_652

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1

C U R R E N T T I M E I S 5.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	257.58	-1.09719E-03	7.41848E-04	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

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Exe Time : 8 June 2018 11:15:47

F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	4
4	CONVERGENCE :YES	3
5	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.40 [sec]

DATABASE CREATION CPU TIME..... 0.18 [sec]

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## Design Assumption : SISMICA STR - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICATR\_3835  
Exe Time : 8 June 2018 11:15:47

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SISMICATR\_3835

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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Exe Time : 8 June 2018 11:15:47

INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	91
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	182
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	4
NO. OF SOLUTION STEPS (NSTE).....	5
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	634
NO. OF LONG NAMES (LASTNAME) .....	24
LENGTH UNIT CHOICE .....	3 ( M )
FORCE UNIT CHOICE .....	3 ( KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 634

1 : UNIT m kN  
2 : TITLE New Project  
3 : DELTA 0.2  
4 : option param itemax 40  
5 : option control hinges 0 0.0001 0.001  
6 : WALL LeftWall\_32 0 -18 0 1  
7 : SOIL 0\_L LeftWall\_32 -18 0 1 0  
8 : SOIL 0\_R LeftWall\_32 -18 0 2 180  
9 : LDATA Riporto\_2\_8\_L\_0 4 LeftWall\_32  
10 : ATREST 0.5 1 1  
11 : WEIGHT 16.8 8.3 10  
12 : PERMEABILITY 0.0001  
13 : RESISTANCE 5 23 0 0 0  
14 : YOUNG 2E+04 3.2E+04  
15 : ENDL  
16 : LDATA sabbialimosoghiaiosal\_234\_219\_L\_0 -1.5 LeftWall\_32  
17 : ATREST 0.76 2 1  
18 : WEIGHT 20.9 11.8 10  
19 : PERMEABILITY 1E-05  
20 : RESISTANCE 10 37 0 0 0  
21 : YOUNG 6E+04 1.5E+05  
22 : ENDL  
23 : LDATA Sabbialimosoghiaiosa2\_235\_220\_L\_0 -5 LeftWall\_32  
24 : ATREST 0.76 2 1  
25 : WEIGHT 21.4 12.2 10  
26 : PERMEABILITY 1E-05  
27 : RESISTANCE 20 37 0 0 0  
28 : YOUNG 7.5E+04 1.88E+05  
29 : ENDL  
30 : LDATA sabbialimosoghiaiosa3\_236\_221\_L\_0 -10 LeftWall\_32  
31 : ATREST 0.76 2 1  
32 : WEIGHT 21.4 12.2 10  
33 : PERMEABILITY 1E-05  
34 : RESISTANCE 30 36 0 0 0  
35 : YOUNG 1E+05 2.5E+05  
36 : ENDL  
37 : LDATA Limosabbiosol\_237\_225\_L\_0 -14 LeftWall\_32  
38 : ATREST 0.75 2 1  
39 : WEIGHT 19.2 10.3 10  
40 : PERMEABILITY 1E-05  
41 : RESISTANCE 30 36 0 0 0  
42 : YOUNG 1E+05 2.5E+05  
43 : ENDL  
44 : MATERIAL Fe360\_108 2.06E+08  
45 : MATERIAL C2530\_104 3.148E+07  
46 : MATERIAL acciaioarmonico\_124 2.001E+08  
47 : MATERIAL C2025\_103 2.996E+07  
48 : BEAM WallElement\_33 LeftWall\_32 -18 0 C2530\_104 0.6225 00 00 0  
49 : WIRE Tieback\_652 LeftWall\_32 -3 acciaioarmonico\_124 2.059E-05 250 15 0 0  
50 : STRIP LeftWall\_32 1 5 1.5 28.5 0 20 45  
51 : STRIP LeftWall\_32 1 1 0 0.4 0 1.68 45  
52 : STRIP LeftWall\_32 1 1 0.4 0.4 0 5.04 45  
53 : STRIP LeftWall\_32 1 1 0.8 0.4 0 8.4 45  
54 : STRIP LeftWall\_32 1 1 1.2 0.4 0 11.76 45  
55 : STRIP LeftWall\_32 1 1 1.6 0.4 0 15.12 45  
56 : STRIP LeftWall\_32 1 1 2 0.4 0 18.48 45  
57 : STRIP LeftWall\_32 1 1 2.4 0.4 0 21.84 45  
58 : STRIP LeftWall\_32 1 1 2.8 0.4 0 25.2 45  
59 : STRIP LeftWall\_32 1 1 3.2 0.4 0 28.56 45  
60 : STRIP LeftWall\_32 1 1 3.6 0.4 0 31.92 45  
61 : STRIP LeftWall\_32 1 1 4 0.4 0 35.28 45  
62 : STRIP LeftWall\_32 1 1 4.4 0.4 0 38.64 45  
63 : STRIP LeftWall\_32 1 1 4.8 0.4 0 42 45  
64 : STRIP LeftWall\_32 1 1 5.2 0.4 0 45.36 45  
65 : STRIP LeftWall\_32 1 1 5.6 0.4 0 48.72 45  
66 : STRIP LeftWall\_32 1 1 6 0.4 0 50.4 45  
67 : STRIP LeftWall\_32 1 1 6.4 0.4 0 50.4 45  
68 : STRIP LeftWall\_32 1 1 6.8 0.4 0 50.4 45  
69 : STRIP LeftWall\_32 1 1 7.2 0.4 0 50.4 45  
70 : STRIP LeftWall\_32 1 1 7.6 0.4 0 50.4 45  
71 : STRIP LeftWall\_32 1 1 8 0.4 0 50.4 45  
72 : STRIP LeftWall\_32 1 1 8.4 0.4 0 50.4 45  
73 : STRIP LeftWall\_32 1 1 8.8 0.4 0 50.4 45  
74 : STRIP LeftWall\_32 1 1 9.2 0.4 0 50.4 45  
75 : STRIP LeftWall\_32 1 1 9.6 0.4 0 50.4 45  
76 : STRIP LeftWall\_32 1 1 10 0.4 0 50.4 45  
77 : STRIP LeftWall\_32 1 1 10.4 0.4 0 50.4 45



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78 : STRIP LeftWall\_32 1 1 10.8 0.4 0 50.4 45  
79 : STRIP LeftWall\_32 1 1 11.2 0.4 0 50.4 45  
80 : STRIP LeftWall\_32 1 1 11.6 0.4 0 50.4 45  
81 : STRIP LeftWall\_32 1 1 12 0.4 0 50.4 45  
82 : STRIP LeftWall\_32 1 1 12.4 0.4 0 50.4 45  
83 : STRIP LeftWall\_32 1 1 12.8 0.4 0 50.4 45  
84 : STRIP LeftWall\_32 1 1 13.2 0.4 0 50.4 45  
85 : STRIP LeftWall\_32 1 1 13.6 0.4 0 50.4 45  
86 : STRIP LeftWall\_32 1 1 14 0.4 0 50.4 45  
87 : STRIP LeftWall\_32 1 1 14.4 0.4 0 50.4 45  
88 : STRIP LeftWall\_32 1 1 14.8 0.4 0 50.4 45  
89 : STRIP LeftWall\_32 1 1 15.2 0.4 0 50.4 45  
90 : STRIP LeftWall\_32 1 1 15.6 0.4 0 50.4 45  
91 : STRIP LeftWall\_32 1 1 16 0.4 0 50.4 45  
92 : STRIP LeftWall\_32 1 1 16.4 0.4 0 50.4 45  
93 : STRIP LeftWall\_32 1 1 16.8 0.4 0 50.4 45  
94 : STRIP LeftWall\_32 1 1 17.2 0.4 0 50.4 45  
95 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
96 : STRIP LeftWall\_32 1 1 18 0.4 0 50.4 45  
97 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
98 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
99 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
100 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
101 : STRIP LeftWall\_32 1 1 20 0.4 0 50.4 45  
102 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
103 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
104 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
105 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
106 : STRIP LeftWall\_32 1 1 22 0.4 0 50.4 45  
107 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
108 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
109 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
110 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
111 : STRIP LeftWall\_32 1 1 24 0.4 0 50.4 45  
112 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
113 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
114 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
115 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
116 : STRIP LeftWall\_32 1 1 26 0.4 0 50.4 45  
117 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
118 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
119 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
120 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
121 : STRIP LeftWall\_32 1 1 28 0.4 0 50.4 45  
122 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
123 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
124 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
125 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
126 : STRIP LeftWall\_32 2 2 0 0.4 0 1.68 45  
127 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
128 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
129 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
130 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
131 : STRIP LeftWall\_32 2 2 2 0.4 0 18.48 45  
132 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
133 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
134 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
135 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
136 : STRIP LeftWall\_32 2 2 4 0.4 0 35.28 45  
137 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
138 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
139 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
140 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
141 : STRIP LeftWall\_32 2 2 6 0.4 0 50.4 45  
142 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
143 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
144 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
145 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
146 : STRIP LeftWall\_32 2 2 8 0.4 0 50.4 45  
147 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
148 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
149 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
150 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
151 : STRIP LeftWall\_32 2 2 10 0.4 0 50.4 45  
152 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
153 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
154 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
155 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
156 : STRIP LeftWall\_32 2 2 12 0.4 0 50.4 45  
157 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
158 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
159 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
160 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
161 : STRIP LeftWall\_32 2 2 14 0.4 0 50.4 45  
162 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
163 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
164 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
165 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
166 : STRIP LeftWall\_32 2 2 16 0.4 0 50.4 45  
167 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45

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 169 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 18 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 20 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45  
 185 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 186 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 187 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 188 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 189 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 190 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 191 : STRIP LeftWall\_32 2 2 26 0.4 0 50.4 45  
 192 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 193 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 194 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 195 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 196 : STRIP LeftWall\_32 2 2 28 0.4 0 50.4 45  
 197 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 198 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 199 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 200 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 201 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 202 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 203 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 204 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 205 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 206 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 207 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 208 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 209 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 210 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 211 : STRIP LeftWall\_32 3 3 4 0.4 0 35.28 45  
 212 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 213 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 214 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 215 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 216 : STRIP LeftWall\_32 3 3 6 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 8 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 10 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 12 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 14 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 16 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 20 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 22 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45

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- 258 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45
- 259 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45
- 260 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45
- 261 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45
- 262 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45
- 263 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45
- 264 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45
- 265 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45
- 266 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45
- 267 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45
- 268 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45
- 269 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45
- 270 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45
- 271 : STRIP LeftWall\_32 3 3 28 0.4 0 50.4 45
- 272 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45
- 273 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45
- 274 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45
- 275 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45
- 276 : STRIP LeftWall\_32 4 4 0 0.4 0 1.68 45
- 277 : STRIP LeftWall\_32 4 4 0.4 0.4 0 5.04 45
- 278 : STRIP LeftWall\_32 4 4 0.8 0.4 0 8.4 45
- 279 : STRIP LeftWall\_32 4 4 1.2 0.4 0 11.76 45
- 280 : STRIP LeftWall\_32 4 4 1.6 0.4 0 15.12 45
- 281 : STRIP LeftWall\_32 4 4 2 0.4 0 18.48 45
- 282 : STRIP LeftWall\_32 4 4 2.4 0.4 0 21.84 45
- 283 : STRIP LeftWall\_32 4 4 2.8 0.4 0 25.2 45
- 284 : STRIP LeftWall\_32 4 4 3.2 0.4 0 28.56 45
- 285 : STRIP LeftWall\_32 4 4 3.6 0.4 0 31.92 45
- 286 : STRIP LeftWall\_32 4 4 4 0.4 0 35.28 45
- 287 : STRIP LeftWall\_32 4 4 4.4 0.4 0 38.64 45
- 288 : STRIP LeftWall\_32 4 4 4.8 0.4 0 42 45
- 289 : STRIP LeftWall\_32 4 4 5.2 0.4 0 45.36 45
- 290 : STRIP LeftWall\_32 4 4 5.6 0.4 0 48.72 45
- 291 : STRIP LeftWall\_32 4 4 6 0.4 0 50.4 45
- 292 : STRIP LeftWall\_32 4 4 6.4 0.4 0 50.4 45
- 293 : STRIP LeftWall\_32 4 4 6.8 0.4 0 50.4 45
- 294 : STRIP LeftWall\_32 4 4 7.2 0.4 0 50.4 45
- 295 : STRIP LeftWall\_32 4 4 7.6 0.4 0 50.4 45
- 296 : STRIP LeftWall\_32 4 4 8 0.4 0 50.4 45
- 297 : STRIP LeftWall\_32 4 4 8.4 0.4 0 50.4 45
- 298 : STRIP LeftWall\_32 4 4 8.8 0.4 0 50.4 45
- 299 : STRIP LeftWall\_32 4 4 9.2 0.4 0 50.4 45
- 300 : STRIP LeftWall\_32 4 4 9.6 0.4 0 50.4 45
- 301 : STRIP LeftWall\_32 4 4 10 0.4 0 50.4 45
- 302 : STRIP LeftWall\_32 4 4 10.4 0.4 0 50.4 45
- 303 : STRIP LeftWall\_32 4 4 10.8 0.4 0 50.4 45
- 304 : STRIP LeftWall\_32 4 4 11.2 0.4 0 50.4 45
- 305 : STRIP LeftWall\_32 4 4 11.6 0.4 0 50.4 45
- 306 : STRIP LeftWall\_32 4 4 12 0.4 0 50.4 45
- 307 : STRIP LeftWall\_32 4 4 12.4 0.4 0 50.4 45
- 308 : STRIP LeftWall\_32 4 4 12.8 0.4 0 50.4 45
- 309 : STRIP LeftWall\_32 4 4 13.2 0.4 0 50.4 45
- 310 : STRIP LeftWall\_32 4 4 13.6 0.4 0 50.4 45
- 311 : STRIP LeftWall\_32 4 4 14 0.4 0 50.4 45
- 312 : STRIP LeftWall\_32 4 4 14.4 0.4 0 50.4 45
- 313 : STRIP LeftWall\_32 4 4 14.8 0.4 0 50.4 45
- 314 : STRIP LeftWall\_32 4 4 15.2 0.4 0 50.4 45
- 315 : STRIP LeftWall\_32 4 4 15.6 0.4 0 50.4 45
- 316 : STRIP LeftWall\_32 4 4 16 0.4 0 50.4 45
- 317 : STRIP LeftWall\_32 4 4 16.4 0.4 0 50.4 45
- 318 : STRIP LeftWall\_32 4 4 16.8 0.4 0 50.4 45
- 319 : STRIP LeftWall\_32 4 4 17.2 0.4 0 50.4 45
- 320 : STRIP LeftWall\_32 4 4 17.6 0.4 0 50.4 45
- 321 : STRIP LeftWall\_32 4 4 18 0.4 0 50.4 45
- 322 : STRIP LeftWall\_32 4 4 18.4 0.4 0 50.4 45
- 323 : STRIP LeftWall\_32 4 4 18.8 0.4 0 50.4 45
- 324 : STRIP LeftWall\_32 4 4 19.2 0.4 0 50.4 45
- 325 : STRIP LeftWall\_32 4 4 19.6 0.4 0 50.4 45
- 326 : STRIP LeftWall\_32 4 4 20 0.4 0 50.4 45
- 327 : STRIP LeftWall\_32 4 4 20.4 0.4 0 50.4 45
- 328 : STRIP LeftWall\_32 4 4 20.8 0.4 0 50.4 45
- 329 : STRIP LeftWall\_32 4 4 21.2 0.4 0 50.4 45
- 330 : STRIP LeftWall\_32 4 4 21.6 0.4 0 50.4 45
- 331 : STRIP LeftWall\_32 4 4 22 0.4 0 50.4 45
- 332 : STRIP LeftWall\_32 4 4 22.4 0.4 0 50.4 45
- 333 : STRIP LeftWall\_32 4 4 22.8 0.4 0 50.4 45
- 334 : STRIP LeftWall\_32 4 4 23.2 0.4 0 50.4 45
- 335 : STRIP LeftWall\_32 4 4 23.6 0.4 0 50.4 45
- 336 : STRIP LeftWall\_32 4 4 24 0.4 0 50.4 45
- 337 : STRIP LeftWall\_32 4 4 24.4 0.4 0 50.4 45
- 338 : STRIP LeftWall\_32 4 4 24.8 0.4 0 50.4 45
- 339 : STRIP LeftWall\_32 4 4 25.2 0.4 0 50.4 45
- 340 : STRIP LeftWall\_32 4 4 25.6 0.4 0 50.4 45
- 341 : STRIP LeftWall\_32 4 4 26 0.4 0 50.4 45
- 342 : STRIP LeftWall\_32 4 4 26.4 0.4 0 50.4 45
- 343 : STRIP LeftWall\_32 4 4 26.8 0.4 0 50.4 45
- 344 : STRIP LeftWall\_32 4 4 27.2 0.4 0 50.4 45
- 345 : STRIP LeftWall\_32 4 4 27.6 0.4 0 50.4 45
- 346 : STRIP LeftWall\_32 4 4 28 0.4 0 50.4 45
- 347 : STRIP LeftWall\_32 4 4 28.4 0.4 0 50.4 45

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348 : STRIP LeftWall\_32 4 4 28.8 0.4 0 50.4 45  
 349 : STRIP LeftWall\_32 4 4 29.2 0.4 0 50.4 45  
 350 : STRIP LeftWall\_32 4 4 29.6 0.4 0 50.4 45  
 351 : STRIP LeftWall\_32 5 5 0 0.4 0 1.68 45  
 352 : STRIP LeftWall\_32 5 5 0.4 0.4 0 5.04 45  
 353 : STRIP LeftWall\_32 5 5 0.8 0.4 0 8.4 45  
 354 : STRIP LeftWall\_32 5 5 1.2 0.4 0 11.76 45  
 355 : STRIP LeftWall\_32 5 5 1.6 0.4 0 15.12 45  
 356 : STRIP LeftWall\_32 5 5 2 0.4 0 18.48 45  
 357 : STRIP LeftWall\_32 5 5 2.4 0.4 0 21.84 45  
 358 : STRIP LeftWall\_32 5 5 2.8 0.4 0 25.2 45  
 359 : STRIP LeftWall\_32 5 5 3.2 0.4 0 28.56 45  
 360 : STRIP LeftWall\_32 5 5 3.6 0.4 0 31.92 45  
 361 : STRIP LeftWall\_32 5 5 4 0.4 0 35.28 45  
 362 : STRIP LeftWall\_32 5 5 4.4 0.4 0 38.64 45  
 363 : STRIP LeftWall\_32 5 5 4.8 0.4 0 42 45  
 364 : STRIP LeftWall\_32 5 5 5.2 0.4 0 45.36 45  
 365 : STRIP LeftWall\_32 5 5 5.6 0.4 0 48.72 45  
 366 : STRIP LeftWall\_32 5 5 6 0.4 0 50.4 45  
 367 : STRIP LeftWall\_32 5 5 6.4 0.4 0 50.4 45  
 368 : STRIP LeftWall\_32 5 5 6.8 0.4 0 50.4 45  
 369 : STRIP LeftWall\_32 5 5 7.2 0.4 0 50.4 45  
 370 : STRIP LeftWall\_32 5 5 7.6 0.4 0 50.4 45  
 371 : STRIP LeftWall\_32 5 5 8 0.4 0 50.4 45  
 372 : STRIP LeftWall\_32 5 5 8.4 0.4 0 50.4 45  
 373 : STRIP LeftWall\_32 5 5 8.8 0.4 0 50.4 45  
 374 : STRIP LeftWall\_32 5 5 9.2 0.4 0 50.4 45  
 375 : STRIP LeftWall\_32 5 5 9.6 0.4 0 50.4 45  
 376 : STRIP LeftWall\_32 5 5 10 0.4 0 50.4 45  
 377 : STRIP LeftWall\_32 5 5 10.4 0.4 0 50.4 45  
 378 : STRIP LeftWall\_32 5 5 10.8 0.4 0 50.4 45  
 379 : STRIP LeftWall\_32 5 5 11.2 0.4 0 50.4 45  
 380 : STRIP LeftWall\_32 5 5 11.6 0.4 0 50.4 45  
 381 : STRIP LeftWall\_32 5 5 12 0.4 0 50.4 45  
 382 : STRIP LeftWall\_32 5 5 12.4 0.4 0 50.4 45  
 383 : STRIP LeftWall\_32 5 5 12.8 0.4 0 50.4 45  
 384 : STRIP LeftWall\_32 5 5 13.2 0.4 0 50.4 45  
 385 : STRIP LeftWall\_32 5 5 13.6 0.4 0 50.4 45  
 386 : STRIP LeftWall\_32 5 5 14 0.4 0 50.4 45  
 387 : STRIP LeftWall\_32 5 5 14.4 0.4 0 50.4 45  
 388 : STRIP LeftWall\_32 5 5 14.8 0.4 0 50.4 45  
 389 : STRIP LeftWall\_32 5 5 15.2 0.4 0 50.4 45  
 390 : STRIP LeftWall\_32 5 5 15.6 0.4 0 50.4 45  
 391 : STRIP LeftWall\_32 5 5 16 0.4 0 50.4 45  
 392 : STRIP LeftWall\_32 5 5 16.4 0.4 0 50.4 45  
 393 : STRIP LeftWall\_32 5 5 16.8 0.4 0 50.4 45  
 394 : STRIP LeftWall\_32 5 5 17.2 0.4 0 50.4 45  
 395 : STRIP LeftWall\_32 5 5 17.6 0.4 0 50.4 45  
 396 : STRIP LeftWall\_32 5 5 18 0.4 0 50.4 45  
 397 : STRIP LeftWall\_32 5 5 18.4 0.4 0 50.4 45  
 398 : STRIP LeftWall\_32 5 5 18.8 0.4 0 50.4 45  
 399 : STRIP LeftWall\_32 5 5 19.2 0.4 0 50.4 45  
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 401 : STRIP LeftWall\_32 5 5 20 0.4 0 50.4 45  
 402 : STRIP LeftWall\_32 5 5 20.4 0.4 0 50.4 45  
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 406 : STRIP LeftWall\_32 5 5 22 0.4 0 50.4 45  
 407 : STRIP LeftWall\_32 5 5 22.4 0.4 0 50.4 45  
 408 : STRIP LeftWall\_32 5 5 22.8 0.4 0 50.4 45  
 409 : STRIP LeftWall\_32 5 5 23.2 0.4 0 50.4 45  
 410 : STRIP LeftWall\_32 5 5 23.6 0.4 0 50.4 45  
 411 : STRIP LeftWall\_32 5 5 24 0.4 0 50.4 45  
 412 : STRIP LeftWall\_32 5 5 24.4 0.4 0 50.4 45  
 413 : STRIP LeftWall\_32 5 5 24.8 0.4 0 50.4 45  
 414 : STRIP LeftWall\_32 5 5 25.2 0.4 0 50.4 45  
 415 : STRIP LeftWall\_32 5 5 25.6 0.4 0 50.4 45  
 416 : STRIP LeftWall\_32 5 5 26 0.4 0 50.4 45  
 417 : STRIP LeftWall\_32 5 5 26.4 0.4 0 50.4 45  
 418 : STRIP LeftWall\_32 5 5 26.8 0.4 0 50.4 45  
 419 : STRIP LeftWall\_32 5 5 27.2 0.4 0 50.4 45  
 420 : STRIP LeftWall\_32 5 5 27.6 0.4 0 50.4 45  
 421 : STRIP LeftWall\_32 5 5 28 0.4 0 50.4 45  
 422 : STRIP LeftWall\_32 5 5 28.4 0.4 0 50.4 45  
 423 : STRIP LeftWall\_32 5 5 28.8 0.4 0 50.4 45  
 424 : STRIP LeftWall\_32 5 5 29.2 0.4 0 50.4 45  
 425 : STRIP LeftWall\_32 5 5 29.6 0.4 0 50.4 45  
 426 : STEP Stage1\_31  
 427 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 428 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 429 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 430 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 431 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 432 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 433 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 434 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 435 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 436 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 437 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32

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438 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
 439 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
 440 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
 441 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
 442 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
 443 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
 444 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
 445 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-FRICT=36 LeftWall\_32  
 446 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-FRICT=36 LeftWall\_32  
 447 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KA=0.215 LeftWall\_32  
 448 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KP=6.978 LeftWall\_32  
 449 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KA=0.215 LeftWall\_32  
 450 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KP=6.978 LeftWall\_32  
 451 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-FRICT=36 LeftWall\_32  
 452 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-FRICT=36 LeftWall\_32  
 453 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KA=0.215 LeftWall\_32  
 454 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KP=6.978 LeftWall\_32  
 455 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KA=0.215 LeftWall\_32  
 456 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KP=6.978 LeftWall\_32  
 457 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
 458 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 459 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
 460 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 461 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
 462 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 463 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
 464 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 465 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
 466 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 467 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
 468 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 469 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
 470 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
 471 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
 472 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
 473 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-COHE=30 LeftWall\_32  
 474 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-ADHES=0 LeftWall\_32  
 475 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-COHE=30 LeftWall\_32  
 476 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-ADHES=0 LeftWall\_32  
 477 : SETWALL LeftWall\_32  
 478 : GEOM 0 0  
 479 : WATER -0.5 0 -18 0 0  
 480 : ADD WallElement\_33  
 481 : ENDSTEP  
 482 : STEP Stage2\_240  
 483 : SETWALL LeftWall\_32  
 484 : GEOM 0 -3.5  
 485 : WATER -2.5 1.5 -18 0 0  
 486 : ENDSTEP  
 487 : STEP Stage3\_343  
 488 : SETWALL LeftWall\_32  
 489 : GEOM 0 -3.5  
 490 : WATER -2.5 1.5 -18 0 0  
 491 : ADD Tieback\_652  
 492 : ENDSTEP  
 493 : STEP Stage4\_446  
 494 : SETWALL LeftWall\_32  
 495 : GEOM 0 -9.5  
 496 : WATER -8.5 1.5 -18 0 0  
 497 : ENDSTEP  
 498 : STEP Stage5\_549  
 499 : SETWALL LeftWall\_32  
 500 : GEOM 0 -9.5  
 501 : WATER -8.5 1.5 -18 0 0  
 502 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.422 LeftWall\_32  
 503 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.477 LeftWall\_32  
 504 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.902 LeftWall\_32  
 505 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.737 LeftWall\_32  
 506 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.422 LeftWall\_32  
 507 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.477 LeftWall\_32  
 508 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.902 LeftWall\_32  
 509 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.737 LeftWall\_32  
 510 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KAED=0.237 LeftWall\_32  
 511 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KAEW=0.265 LeftWall\_32  
 512 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KPED=7.268 LeftWall\_32  
 513 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KPEW=7.048 LeftWall\_32  
 514 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KAED=0.237 LeftWall\_32  
 515 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KAEW=0.265 LeftWall\_32  
 516 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KPED=7.268 LeftWall\_32  
 517 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KPEW=7.048 LeftWall\_32  
 518 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAED=0.237 LeftWall\_32  
 519 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAEW=0.264 LeftWall\_32  
 520 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPED=7.268 LeftWall\_32  
 521 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPEW=7.053 LeftWall\_32  
 522 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAED=0.237 LeftWall\_32  
 523 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAEW=0.264 LeftWall\_32  
 524 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPED=7.268 LeftWall\_32  
 525 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPEW=7.053 LeftWall\_32  
 526 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KAED=0.248 LeftWall\_32  
 527 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KAEW=0.275 LeftWall\_32

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528 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPED=6.739 LeftWall\_32  
 529 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPEW=6.535 LeftWall\_32  
 530 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAED=0.248 LeftWall\_32  
 531 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAEW=0.275 LeftWall\_32  
 532 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPED=6.739 LeftWall\_32  
 533 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPEW=6.535 LeftWall\_32  
 534 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KAED=0.248 LeftWall\_32  
 535 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KAEW=0.28 LeftWall\_32  
 536 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KPED=6.739 LeftWall\_32  
 537 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KPEW=6.504 LeftWall\_32  
 538 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KAED=0.248 LeftWall\_32  
 539 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KAEW=0.28 LeftWall\_32  
 540 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KPED=6.739 LeftWall\_32  
 541 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KPEW=6.504 LeftWall\_32  
 542 : EQK USER 0.0618 0 0 26.57 0.66 0 0.66 1 0  
 543 : DLOAD step LeftWall\_32 -9.5 4.511 0 4.511  
 544 : DLOAD step LeftWall\_32 -9.5 0.7766 0 0.7766  
 545 : DLOAD step LeftWall\_32 -8.7 1.984 -8.5 0  
 546 : DLOAD step LeftWall\_32 -8.9 2.806 -8.7 1.984  
 547 : DLOAD step LeftWall\_32 -9.1 3.437 -8.9 2.806  
 548 : DLOAD step LeftWall\_32 -9.3 3.969 -9.1 3.437  
 549 : DLOAD step LeftWall\_32 -9.5 4.437 -9.3 3.969  
 550 : DLOAD step LeftWall\_32 -9.7 4.86 -9.5 4.437  
 551 : DLOAD step LeftWall\_32 -9.9 5.25 -9.7 4.86  
 552 : DLOAD step LeftWall\_32 -10.1 5.612 -9.9 5.25  
 553 : DLOAD step LeftWall\_32 -10.3 5.953 -10.1 5.612  
 554 : DLOAD step LeftWall\_32 -10.5 6.275 -10.3 5.953  
 555 : DLOAD step LeftWall\_32 -10.7 6.581 -10.5 6.275  
 556 : DLOAD step LeftWall\_32 -10.9 6.874 -10.7 6.581  
 557 : DLOAD step LeftWall\_32 -11.1 7.154 -10.9 6.874  
 558 : DLOAD step LeftWall\_32 -11.3 7.425 -11.1 7.154  
 559 : DLOAD step LeftWall\_32 -11.5 7.685 -11.3 7.425  
 560 : DLOAD step LeftWall\_32 -11.7 7.937 -11.5 7.685  
 561 : DLOAD step LeftWall\_32 -11.9 8.181 -11.7 7.937  
 562 : DLOAD step LeftWall\_32 -12.1 8.419 -11.9 8.181  
 563 : DLOAD step LeftWall\_32 -12.3 8.649 -12.1 8.419  
 564 : DLOAD step LeftWall\_32 -12.5 8.874 -12.3 8.649  
 565 : DLOAD step LeftWall\_32 -12.7 9.093 -12.5 8.874  
 566 : DLOAD step LeftWall\_32 -12.9 9.307 -12.7 9.093  
 567 : DLOAD step LeftWall\_32 -13.1 9.516 -12.9 9.307  
 568 : DLOAD step LeftWall\_32 -13.3 9.721 -13.1 9.516  
 569 : DLOAD step LeftWall\_32 -13.5 9.921 -13.3 9.721  
 570 : DLOAD step LeftWall\_32 -13.7 10.12 -13.5 9.921  
 571 : DLOAD step LeftWall\_32 -13.9 10.31 -13.7 10.12  
 572 : DLOAD step LeftWall\_32 -14.1 10.5 -13.9 10.31  
 573 : DLOAD step LeftWall\_32 -14.3 10.69 -14.1 10.5  
 574 : DLOAD step LeftWall\_32 -14.5 10.87 -14.3 10.69  
 575 : DLOAD step LeftWall\_32 -14.7 11.05 -14.5 10.87  
 576 : DLOAD step LeftWall\_32 -14.9 11.22 -14.7 11.05  
 577 : DLOAD step LeftWall\_32 -15.1 11.4 -14.9 11.22  
 578 : DLOAD step LeftWall\_32 -15.3 11.57 -15.1 11.4  
 579 : DLOAD step LeftWall\_32 -15.5 11.74 -15.3 11.57  
 580 : DLOAD step LeftWall\_32 -15.7 11.91 -15.5 11.74  
 581 : DLOAD step LeftWall\_32 -15.9 12.07 -15.7 11.91  
 582 : DLOAD step LeftWall\_32 -16.1 12.23 -15.9 12.07  
 583 : DLOAD step LeftWall\_32 -16.3 12.39 -16.1 12.23  
 584 : DLOAD step LeftWall\_32 -16.5 12.55 -16.3 12.39  
 585 : DLOAD step LeftWall\_32 -16.7 12.71 -16.5 12.55  
 586 : DLOAD step LeftWall\_32 -16.9 12.86 -16.7 12.71  
 587 : DLOAD step LeftWall\_32 -17.1 13.01 -16.9 12.86  
 588 : DLOAD step LeftWall\_32 -17.3 13.16 -17.1 13.01  
 589 : DLOAD step LeftWall\_32 -17.5 13.31 -17.3 13.16  
 590 : DLOAD step LeftWall\_32 -17.7 13.46 -17.5 13.31  
 591 : DLOAD step LeftWall\_32 -17.9 13.6 -17.7 13.46  
 592 : DLOAD step LeftWall\_32 -18 13.68 -17.9 13.6  
 593 : DLOAD step LeftWall\_32 -10.2 1.821 -10 0  
 594 : DLOAD step LeftWall\_32 -10.4 2.575 -10.2 1.821  
 595 : DLOAD step LeftWall\_32 -10.6 3.154 -10.4 2.575  
 596 : DLOAD step LeftWall\_32 -10.8 3.642 -10.6 3.154  
 597 : DLOAD step LeftWall\_32 -11 4.072 -10.8 3.642  
 598 : DLOAD step LeftWall\_32 -11.2 4.46 -11 4.072  
 599 : DLOAD step LeftWall\_32 -11.4 4.818 -11.2 4.46  
 600 : DLOAD step LeftWall\_32 -11.6 5.15 -11.4 4.818  
 601 : DLOAD step LeftWall\_32 -11.8 5.463 -11.6 5.15  
 602 : DLOAD step LeftWall\_32 -12 5.758 -11.8 5.463  
 603 : DLOAD step LeftWall\_32 -12.2 6.039 -12 5.758  
 604 : DLOAD step LeftWall\_32 -12.4 6.308 -12.2 6.039  
 605 : DLOAD step LeftWall\_32 -12.6 6.565 -12.4 6.308  
 606 : DLOAD step LeftWall\_32 -12.8 6.813 -12.6 6.565  
 607 : DLOAD step LeftWall\_32 -13 7.052 -12.8 6.813  
 608 : DLOAD step LeftWall\_32 -13.2 7.284 -13 7.052  
 609 : DLOAD step LeftWall\_32 -13.4 7.508 -13.2 7.284  
 610 : DLOAD step LeftWall\_32 -13.6 7.725 -13.4 7.508  
 611 : DLOAD step LeftWall\_32 -13.8 7.937 -13.6 7.725  
 612 : DLOAD step LeftWall\_32 -14 8.143 -13.8 7.937  
 613 : DLOAD step LeftWall\_32 -14.2 8.344 -14 8.143  
 614 : DLOAD step LeftWall\_32 -14.4 8.541 -14.2 8.344  
 615 : DLOAD step LeftWall\_32 -14.6 8.733 -14.4 8.541  
 616 : DLOAD step LeftWall\_32 -14.8 8.921 -14.6 8.733  
 617 : DLOAD step LeftWall\_32 -15 9.105 -14.8 8.921

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```
618 : DLOAD step LeftWall_32 -15.2 9.285 -15 9.105
619 : DLOAD step LeftWall_32 -15.4 9.462 -15.2 9.285
620 : DLOAD step LeftWall_32 -15.6 9.635 -15.4 9.462
621 : DLOAD step LeftWall_32 -15.8 9.806 -15.6 9.635
622 : DLOAD step LeftWall_32 -16 9.973 -15.8 9.806
623 : DLOAD step LeftWall_32 -16.2 10.14 -16 9.973
624 : DLOAD step LeftWall_32 -16.4 10.3 -16.2 10.14
625 : DLOAD step LeftWall_32 -16.6 10.46 -16.4 10.3
626 : DLOAD step LeftWall_32 -16.8 10.62 -16.6 10.46
627 : DLOAD step LeftWall_32 -17 10.77 -16.8 10.62
628 : DLOAD step LeftWall_32 -17.2 10.93 -17 10.77
629 : DLOAD step LeftWall_32 -17.4 11.08 -17.2 10.93
630 : DLOAD step LeftWall_32 -17.6 11.22 -17.4 11.08
631 : DLOAD step LeftWall_32 -17.8 11.37 -17.6 11.22
632 : DLOAD step LeftWall_32 -18 11.52 -17.8 11.37
633 : DLOAD step LeftWall_32 -18 11.52 -18 11.52
634 : ENDSTEP
```



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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:47

N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.0000	/	52	0.0000	-10.2000	/
53	0.0000	-10.400	/	54	0.0000	-10.600	/	55	0.0000	-10.800	/	56	0.0000	-11.000	/
57	0.0000	-11.200	/	58	0.0000	-11.400	/	59	0.0000	-11.600	/	60	0.0000	-11.800	/
61	0.0000	-12.000	/	62	0.0000	-12.200	/	63	0.0000	-12.400	/	64	0.0000	-12.600	/
65	0.0000	-12.800	/	66	0.0000	-13.000	/	67	0.0000	-13.200	/	68	0.0000	-13.400	/
69	0.0000	-13.600	/	70	0.0000	-13.800	/	71	0.0000	-14.000	/	72	0.0000	-14.200	/
73	0.0000	-14.400	/	74	0.0000	-14.600	/	75	0.0000	-14.800	/	76	0.0000	-15.000	/
77	0.0000	-15.200	/	78	0.0000	-15.400	/	79	0.0000	-15.600	/	80	0.0000	-15.800	/
81	0.0000	-16.000	/	82	0.0000	-16.200	/	83	0.0000	-16.400	/	84	0.0000	-16.600	/
85	0.0000	-16.800	/	86	0.0000	-17.000	/	87	0.0000	-17.200	/	88	0.0000	-17.400	/
89	0.0000	-17.600	/	90	0.0000	-17.800	/	91	0.0000	-18.000	/				



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                NewProject.BaseDesignSection_28.SISMICASTR_3835
                Exe Time : 8 June 2018      11:15:47
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```

ELEMENT GROUP NO. 1

```

0_L
  5  91  0  1  0  0  0  0  0  0  0  0  0  0  0  0  5  0  0  0  0

```

```

.....2D PLASTIC SOIL .....

```

element group behaviour throughout stage analysis

```

stage  status
-----

```

- 1 active
- 2 active
- 3 active
- 4 active
- 5 active

material set no. 1

```

prop( 1) angle      0.00000
prop( 2) layer as foreseen  1.00000

```

material set no. 2

```

prop( 1) angle      0.00000
prop( 2) layer as foreseen  2.00000

```

material set no. 3

```

prop( 1) angle      0.00000
prop( 2) layer as foreseen  3.00000

```

material set no. 4

```

prop( 1) angle      0.00000
prop( 2) layer as foreseen  4.00000

```

material set no. 5

```

prop( 1) angle      0.00000
prop( 2) layer as foreseen  5.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000

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29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.2000	0.000	0.000	0.000	1.000
72	72	5	0.2000	0.000	0.000	0.000	1.000
73	73	5	0.2000	0.000	0.000	0.000	1.000
74	74	5	0.2000	0.000	0.000	0.000	1.000
75	75	5	0.2000	0.000	0.000	0.000	1.000
76	76	5	0.2000	0.000	0.000	0.000	1.000
77	77	5	0.2000	0.000	0.000	0.000	1.000
78	78	5	0.2000	0.000	0.000	0.000	1.000
79	79	5	0.2000	0.000	0.000	0.000	1.000
80	80	5	0.2000	0.000	0.000	0.000	1.000
81	81	5	0.2000	0.000	0.000	0.000	1.000
82	82	5	0.2000	0.000	0.000	0.000	1.000
83	83	5	0.2000	0.000	0.000	0.000	1.000
84	84	5	0.2000	0.000	0.000	0.000	1.000
85	85	5	0.2000	0.000	0.000	0.000	1.000
86	86	5	0.2000	0.000	0.000	0.000	1.000
87	87	5	0.2000	0.000	0.000	0.000	1.000
88	88	5	0.2000	0.000	0.000	0.000	1.000
89	89	5	0.2000	0.000	0.000	0.000	1.000
90	90	5	0.2000	0.000	0.000	0.000	1.000
91	91	5	0.1000	0.000	0.000	0.000	1.000



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                NewProject.BaseDesignSection_28.SISMICASTR_3835
                Exe Time : 8 June 2018      11:15:47
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```

ELEMENT GROUP NO. 2

0\_R  
5 91 0 1 0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

```
stage  status
-----
  1  active
  2  active
  3  active
  4  active
  5  active
```

```
material set no.  1

prop( 1) angle           180.000
prop( 2) layer as foreseen 1.00000
```

```
material set no.  2

prop( 1) angle           180.000
prop( 2) layer as foreseen 2.00000
```

```
material set no.  3

prop( 1) angle           180.000
prop( 2) layer as foreseen 3.00000
```

```
material set no.  4

prop( 1) angle           180.000
prop( 2) layer as foreseen 4.00000
```

```
material set no.  5

prop( 1) angle           180.000
prop( 2) layer as foreseen 5.00000
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000

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29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.2000	0.000	0.000	0.000	2.000
72	72	5	0.2000	0.000	0.000	0.000	2.000
73	73	5	0.2000	0.000	0.000	0.000	2.000
74	74	5	0.2000	0.000	0.000	0.000	2.000
75	75	5	0.2000	0.000	0.000	0.000	2.000
76	76	5	0.2000	0.000	0.000	0.000	2.000
77	77	5	0.2000	0.000	0.000	0.000	2.000
78	78	5	0.2000	0.000	0.000	0.000	2.000
79	79	5	0.2000	0.000	0.000	0.000	2.000
80	80	5	0.2000	0.000	0.000	0.000	2.000
81	81	5	0.2000	0.000	0.000	0.000	2.000
82	82	5	0.2000	0.000	0.000	0.000	2.000
83	83	5	0.2000	0.000	0.000	0.000	2.000
84	84	5	0.2000	0.000	0.000	0.000	2.000
85	85	5	0.2000	0.000	0.000	0.000	2.000
86	86	5	0.2000	0.000	0.000	0.000	2.000
87	87	5	0.2000	0.000	0.000	0.000	2.000
88	88	5	0.2000	0.000	0.000	0.000	2.000
89	89	5	0.2000	0.000	0.000	0.000	2.000
90	90	5	0.2000	0.000	0.000	0.000	2.000
91	91	5	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33 :  
2 90 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active  
4 active  
5 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future .....0.294300E-43

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000  
4 1.000  
5 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000

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42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000
46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000
71	71	72	1	0.000	0.000	0.6225	0.000	0.000
72	72	73	1	0.000	0.000	0.6225	0.000	0.000
73	73	74	1	0.000	0.000	0.6225	0.000	0.000
74	74	75	1	0.000	0.000	0.6225	0.000	0.000
75	75	76	1	0.000	0.000	0.6225	0.000	0.000
76	76	77	1	0.000	0.000	0.6225	0.000	0.000
77	77	78	1	0.000	0.000	0.6225	0.000	0.000
78	78	79	1	0.000	0.000	0.6225	0.000	0.000
79	79	80	1	0.000	0.000	0.6225	0.000	0.000
80	80	81	1	0.000	0.000	0.6225	0.000	0.000
81	81	82	1	0.000	0.000	0.6225	0.000	0.000
82	82	83	1	0.000	0.000	0.6225	0.000	0.000
83	83	84	1	0.000	0.000	0.6225	0.000	0.000
84	84	85	1	0.000	0.000	0.6225	0.000	0.000
85	85	86	1	0.000	0.000	0.6225	0.000	0.000
86	86	87	1	0.000	0.000	0.6225	0.000	0.000
87	87	88	1	0.000	0.000	0.6225	0.000	0.000
88	88	89	1	0.000	0.000	0.6225	0.000	0.000
89	89	90	1	0.000	0.000	0.6225	0.000	0.000
90	90	91	1	0.000	0.000	0.6225	0.000	0.000

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ELEMENT GROUP NO. 4

Tieback\_652

6 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0

.....2D POST-TENSION ANCHOR.....

element group behaviour throughout stage analysis

stage status

1 inactive  
2 inactive  
3 active  
4 active  
5 active

material set no. 1

prop( 1) angle 15.0000  
prop( 2) young modulus 0.200100E+09  
prop( 3) modification time 0.00000  
prop( 4) new young modulus 0.00000

no. of step variable items: 2

step	-ve lim	+ve lim
1	0.000	0.000
2	0.000	0.000
3	0.000	0.000
4	0.000	0.000
5	0.000	0.000

element data

el	n	mat	a/l	pinit	yieldc	yieldt
1	16	1	0.2059E-04	250.0	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 10  
MAXIMUM POINTS/LCURVE (NPTM)..... 5



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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
3.80000	0.0000E+00
4.00000	0.1000E+01
4.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
4.80000	0.0000E+00
5.00000	0.1000E+01
5.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
6.00000	0.1000E+01

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LOAD FUNCTION NUMBER = 7  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 8  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 9  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
3.80000	0.0000E+00
4.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 10  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
4.80000	0.0000E+00
5.00000	0.1000E+01
6.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 4.511  
L.CURVE 5 Z-COORD 0.000 PRESSURE 4.511

NO. OF GENERATED NODAL FORCES		48							
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE
48	-.9400E+01	0.6790609E+00 /	47	-.9200E+01	0.9069992E+00 /	46	-.9000E+01	0.9069992E+00 /	
45	-.8800E+01	0.9069969E+00 /	44	-.8600E+01	0.9069969E+00 /	43	-.8400E+01	0.9069992E+00 /	
42	-.8200E+01	0.9069992E+00 /	41	-.8000E+01	0.9069992E+00 /	40	-.7800E+01	0.9069969E+00 /	
39	-.7600E+01	0.9069969E+00 /	38	-.7400E+01	0.9069992E+00 /	37	-.7200E+01	0.9069992E+00 /	
36	-.7000E+01	0.9069992E+00 /	35	-.6800E+01	0.9069969E+00 /	34	-.6600E+01	0.9069969E+00 /	
33	-.6400E+01	0.9069992E+00 /	32	-.6200E+01	0.9069992E+00 /	31	-.6000E+01	0.9069992E+00 /	
30	-.5800E+01	0.9069992E+00 /	29	-.5600E+01	0.9069969E+00 /	28	-.5400E+01	0.9069969E+00 /	
27	-.5200E+01	0.9069992E+00 /	26	-.5000E+01	0.9069992E+00 /	25	-.4800E+01	0.9069992E+00 /	
24	-.4600E+01	0.9069969E+00 /	23	-.4400E+01	0.9069969E+00 /	22	-.4200E+01	0.9069992E+00 /	
21	-.4000E+01	0.9069992E+00 /	20	-.3800E+01	0.9069992E+00 /	19	-.3600E+01	0.9069992E+00 /	
18	-.3400E+01	0.9069992E+00 /	17	-.3200E+01	0.9069992E+00 /	16	-.3000E+01	0.9069992E+00 /	
15	-.2800E+01	0.9069992E+00 /	14	-.2600E+01	0.9069992E+00 /	13	-.2400E+01	0.9069992E+00 /	
12	-.2200E+01	0.9069992E+00 /	11	-.2000E+01	0.9069992E+00 /	10	-.1800E+01	0.9069992E+00 /	
9	-.1600E+01	0.9069992E+00 /	8	-.1400E+01	0.9069992E+00 /	7	-.1200E+01	0.9069992E+00 /	
6	-.1000E+01	0.9069992E+00 /	5	-.8000E+00	0.9069992E+00 /	4	-.6000E+00	0.9069992E+00 /	
3	-.4000E+00	0.9069992E+00 /	2	-.2000E+00	0.9069992E+00 /	1	0.0000E+00	0.4534996E+00 /	

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 42.854

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 0.7766  
L.CURVE 5 Z-COORD 0.000 PRESSURE 0.7766

NO. OF GENERATED NODAL FORCES		48							
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE
48	-.9400E+01	0.1169050E+00 /	47	-.9200E+01	0.1561462E+00 /	46	-.9000E+01	0.1561462E+00 /	
45	-.8800E+01	0.1561458E+00 /	44	-.8600E+01	0.1561458E+00 /	43	-.8400E+01	0.1561462E+00 /	
42	-.8200E+01	0.1561462E+00 /	41	-.8000E+01	0.1561462E+00 /	40	-.7800E+01	0.1561458E+00 /	
39	-.7600E+01	0.1561458E+00 /	38	-.7400E+01	0.1561462E+00 /	37	-.7200E+01	0.1561462E+00 /	
36	-.7000E+01	0.1561462E+00 /	35	-.6800E+01	0.1561458E+00 /	34	-.6600E+01	0.1561458E+00 /	
33	-.6400E+01	0.1561462E+00 /	32	-.6200E+01	0.1561462E+00 /	31	-.6000E+01	0.1561462E+00 /	

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30	- .5800E+01	0.1561462E+00 /	29	- .5600E+01	0.1561458E+00 /	28	- .5400E+01	0.1561458E+00 /
27	- .5200E+01	0.1561462E+00 /	26	- .5000E+01	0.1561462E+00 /	25	- .4800E+01	0.1561462E+00 /
24	- .4600E+01	0.1561458E+00 /	23	- .4400E+01	0.1561458E+00 /	22	- .4200E+01	0.1561462E+00 /
21	- .4000E+01	0.1561462E+00 /	20	- .3800E+01	0.1561462E+00 /	19	- .3600E+01	0.1561462E+00 /
18	- .3400E+01	0.1561462E+00 /	17	- .3200E+01	0.1561462E+00 /	16	- .3000E+01	0.1561462E+00 /
15	- .2800E+01	0.1561462E+00 /	14	- .2600E+01	0.1561462E+00 /	13	- .2400E+01	0.1561462E+00 /
12	- .2200E+01	0.1561462E+00 /	11	- .2000E+01	0.1561462E+00 /	10	- .1800E+01	0.1561462E+00 /
9	- .1600E+01	0.1561462E+00 /	8	- .1400E+01	0.1561462E+00 /	7	- .1200E+01	0.1561462E+00 /
6	- .1000E+01	0.1561462E+00 /	5	- .8000E+00	0.1561462E+00 /	4	- .6000E+00	0.1561462E+00 /
3	- .4000E+00	0.1561462E+00 /	2	- .2000E+00	0.1561462E+00 /	1	0.0000E+00	0.7807311E-01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 7.3777

PROCESSING DISTRIBUTED LOADS CARD NO. 3  
 AT Y-COORD 0.000 Z-COORD -8.700 PRESSURE 1.984  
 Z-COORD -8.500 PRESSURE 0.000  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 44 - .8600E+01 0.1984000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.19840

PROCESSING DISTRIBUTED LOADS CARD NO. 4  
 AT Y-COORD 0.000 Z-COORD -8.900 PRESSURE 2.806  
 Z-COORD -8.700 PRESSURE 1.984  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 45 - .8800E+01 0.4790000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.47900

PROCESSING DISTRIBUTED LOADS CARD NO. 5  
 AT Y-COORD 0.000 Z-COORD -9.100 PRESSURE 3.437  
 Z-COORD -8.900 PRESSURE 2.806  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 46 - .9000E+01 0.6243000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.62430

PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -9.300 PRESSURE 3.969  
 Z-COORD -9.100 PRESSURE 3.437  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 47 - .9200E+01 0.7406000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.74060

PROCESSING DISTRIBUTED LOADS CARD NO. 7  
 AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 4.437  
 Z-COORD -9.300 PRESSURE 3.969  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 48 - .9400E+01 0.8406000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.84060

PROCESSING DISTRIBUTED LOADS CARD NO. 8  
 AT Y-COORD 0.000 Z-COORD -9.700 PRESSURE 4.860  
 Z-COORD -9.500 PRESSURE 4.437  
 L.CURVE 5

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NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

49 -.9600E+01 0.9297000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.92970

PROCESSING DISTRIBUTED LOADS CARD NO. 9  
 AT Y-COORD 0.000 Z-COORD -9.900 PRESSURE 5.250  
 Z-COORD -9.700 PRESSURE 4.860  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

50 -.9800E+01 0.1011000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0110

PROCESSING DISTRIBUTED LOADS CARD NO. 10  
 AT Y-COORD 0.000 Z-COORD -10.10 PRESSURE 5.612  
 Z-COORD -9.900 PRESSURE 5.250  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

51 -.1000E+02 0.1086200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0862

PROCESSING DISTRIBUTED LOADS CARD NO. 11  
 AT Y-COORD 0.000 Z-COORD -10.30 PRESSURE 5.953  
 Z-COORD -10.10 PRESSURE 5.612  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

52 -.1020E+02 0.1156500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1565

PROCESSING DISTRIBUTED LOADS CARD NO. 12  
 AT Y-COORD 0.000 Z-COORD -10.50 PRESSURE 6.275  
 Z-COORD -10.30 PRESSURE 5.953  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

53 -.1040E+02 0.1222800E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2228

PROCESSING DISTRIBUTED LOADS CARD NO. 13  
 AT Y-COORD 0.000 Z-COORD -10.70 PRESSURE 6.581  
 Z-COORD -10.50 PRESSURE 6.275  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

54 -.1060E+02 0.1285600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2856

PROCESSING DISTRIBUTED LOADS CARD NO. 14  
 AT Y-COORD 0.000 Z-COORD -10.90 PRESSURE 6.874  
 Z-COORD -10.70 PRESSURE 6.581  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

55 -.1080E+02 0.1345500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3455

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PROCESSING DISTRIBUTED LOADS CARD NO. 15  
 AT Y-COORD 0.000 Z-COORD -11.10 PRESSURE 7.154  
 Z-COORD -10.90 PRESSURE 6.874

L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
56	-.1100E+02	0.1402800E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4028

PROCESSING DISTRIBUTED LOADS CARD NO. 16  
 AT Y-COORD 0.000 Z-COORD -11.30 PRESSURE 7.425  
 Z-COORD -11.10 PRESSURE 7.154

L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
57	-.1120E+02	0.1457900E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4579

PROCESSING DISTRIBUTED LOADS CARD NO. 17  
 AT Y-COORD 0.000 Z-COORD -11.50 PRESSURE 7.685  
 Z-COORD -11.30 PRESSURE 7.425

L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
58	-.1140E+02	0.1511000E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5110

PROCESSING DISTRIBUTED LOADS CARD NO. 18  
 AT Y-COORD 0.000 Z-COORD -11.70 PRESSURE 7.937  
 Z-COORD -11.50 PRESSURE 7.685

L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
59	-.1160E+02	0.1562200E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5622

PROCESSING DISTRIBUTED LOADS CARD NO. 19  
 AT Y-COORD 0.000 Z-COORD -11.90 PRESSURE 8.181  
 Z-COORD -11.70 PRESSURE 7.937

L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
60	-.1180E+02	0.1611800E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6118

PROCESSING DISTRIBUTED LOADS CARD NO. 20  
 AT Y-COORD 0.000 Z-COORD -12.10 PRESSURE 8.419  
 Z-COORD -11.90 PRESSURE 8.181

L.CURVE 5

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
61	-.1200E+02	0.1660000E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6600

PROCESSING DISTRIBUTED LOADS CARD NO. 21  
 AT Y-COORD 0.000 Z-COORD -12.30 PRESSURE 8.649  
 Z-COORD -12.10 PRESSURE 8.419

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L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
62	-.1220E+02	0.1706800E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7068

PROCESSING DISTRIBUTED LOADS CARD NO. 22

AT Y-COORD 0.000 Z-COORD -12.50 PRESSURE 8.874

Z-COORD -12.30 PRESSURE 8.649

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
63	-.1240E+02	0.1752300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7523

PROCESSING DISTRIBUTED LOADS CARD NO. 23

AT Y-COORD 0.000 Z-COORD -12.70 PRESSURE 9.093

Z-COORD -12.50 PRESSURE 8.874

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
64	-.1260E+02	0.1796700E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7967

PROCESSING DISTRIBUTED LOADS CARD NO. 24

AT Y-COORD 0.000 Z-COORD -12.90 PRESSURE 9.307

Z-COORD -12.70 PRESSURE 9.093

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
65	-.1280E+02	0.1840000E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8400

PROCESSING DISTRIBUTED LOADS CARD NO. 25

AT Y-COORD 0.000 Z-COORD -13.10 PRESSURE 9.516

Z-COORD -12.90 PRESSURE 9.307

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
66	-.1300E+02	0.1882300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8823

PROCESSING DISTRIBUTED LOADS CARD NO. 26

AT Y-COORD 0.000 Z-COORD -13.30 PRESSURE 9.721

Z-COORD -13.10 PRESSURE 9.516

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
67	-.1320E+02	0.1923700E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9237

PROCESSING DISTRIBUTED LOADS CARD NO. 27

AT Y-COORD 0.000 Z-COORD -13.50 PRESSURE 9.921

Z-COORD -13.30 PRESSURE 9.721

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
68	-.1340E+02	0.1964200E+01 /				

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9642

PROCESSING DISTRIBUTED LOADS CARD NO. 28  
AT Y-COORD 0.000 Z-COORD -13.70 PRESSURE 10.12  
Z-COORD -13.50 PRESSURE 9.921

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
69 -.1360E+02 0.2004100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0041

PROCESSING DISTRIBUTED LOADS CARD NO. 29  
AT Y-COORD 0.000 Z-COORD -13.90 PRESSURE 10.31  
Z-COORD -13.70 PRESSURE 10.12

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
70 -.1380E+02 0.2043000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0430

PROCESSING DISTRIBUTED LOADS CARD NO. 30  
AT Y-COORD 0.000 Z-COORD -14.10 PRESSURE 10.50  
Z-COORD -13.90 PRESSURE 10.31

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
71 -.1400E+02 0.2081000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0810

PROCESSING DISTRIBUTED LOADS CARD NO. 31  
AT Y-COORD 0.000 Z-COORD -14.30 PRESSURE 10.69  
Z-COORD -14.10 PRESSURE 10.50

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
72 -.1420E+02 0.2119000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1190

PROCESSING DISTRIBUTED LOADS CARD NO. 32  
AT Y-COORD 0.000 Z-COORD -14.50 PRESSURE 10.87  
Z-COORD -14.30 PRESSURE 10.69

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
73 -.1440E+02 0.2156000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1560

PROCESSING DISTRIBUTED LOADS CARD NO. 33  
AT Y-COORD 0.000 Z-COORD -14.70 PRESSURE 11.05  
Z-COORD -14.50 PRESSURE 10.87

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
74 -.1460E+02 0.2192000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1920

PROCESSING DISTRIBUTED LOADS CARD NO. 34

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AT Y-COORD 0.000 Z-COORD -14.90 PRESSURE 11.22  
 Z-COORD -14.70 PRESSURE 11.05  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 75 -.1480E+02 0.2227000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2270

PROCESSING DISTRIBUTED LOADS CARD NO. 35  
 AT Y-COORD 0.000 Z-COORD -15.10 PRESSURE 11.40  
 Z-COORD -14.90 PRESSURE 11.22  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 76 -.1500E+02 0.2262000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2620

PROCESSING DISTRIBUTED LOADS CARD NO. 36  
 AT Y-COORD 0.000 Z-COORD -15.30 PRESSURE 11.57  
 Z-COORD -15.10 PRESSURE 11.40  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 77 -.1520E+02 0.2297000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2970

PROCESSING DISTRIBUTED LOADS CARD NO. 37  
 AT Y-COORD 0.000 Z-COORD -15.50 PRESSURE 11.74  
 Z-COORD -15.30 PRESSURE 11.57  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 78 -.1540E+02 0.2331000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3310

PROCESSING DISTRIBUTED LOADS CARD NO. 38  
 AT Y-COORD 0.000 Z-COORD -15.70 PRESSURE 11.91  
 Z-COORD -15.50 PRESSURE 11.74  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 79 -.1560E+02 0.2365000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3650

PROCESSING DISTRIBUTED LOADS CARD NO. 39  
 AT Y-COORD 0.000 Z-COORD -15.90 PRESSURE 12.07  
 Z-COORD -15.70 PRESSURE 11.91  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 80 -.1580E+02 0.2398000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3980

PROCESSING DISTRIBUTED LOADS CARD NO. 40  
 AT Y-COORD 0.000 Z-COORD -16.10 PRESSURE 12.23  
 Z-COORD -15.90 PRESSURE 12.07  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /



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81 - .1600E+02 0.2430000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4300

PROCESSING DISTRIBUTED LOADS CARD NO. 41  
 AT Y-COORD 0.000 Z-COORD -16.30 PRESSURE 12.39  
 Z-COORD -16.10 PRESSURE 12.23  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

82 - .1620E+02 0.2462000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4620

PROCESSING DISTRIBUTED LOADS CARD NO. 42  
 AT Y-COORD 0.000 Z-COORD -16.50 PRESSURE 12.55  
 Z-COORD -16.30 PRESSURE 12.39  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

83 - .1640E+02 0.2494000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4940

PROCESSING DISTRIBUTED LOADS CARD NO. 43  
 AT Y-COORD 0.000 Z-COORD -16.70 PRESSURE 12.71  
 Z-COORD -16.50 PRESSURE 12.55  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

84 - .1660E+02 0.2526000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5260

PROCESSING DISTRIBUTED LOADS CARD NO. 44  
 AT Y-COORD 0.000 Z-COORD -16.90 PRESSURE 12.86  
 Z-COORD -16.70 PRESSURE 12.71  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

85 - .1680E+02 0.2557000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5570

PROCESSING DISTRIBUTED LOADS CARD NO. 45  
 AT Y-COORD 0.000 Z-COORD -17.10 PRESSURE 13.01  
 Z-COORD -16.90 PRESSURE 12.86  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

86 - .1700E+02 0.2587000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5870

PROCESSING DISTRIBUTED LOADS CARD NO. 46  
 AT Y-COORD 0.000 Z-COORD -17.30 PRESSURE 13.16  
 Z-COORD -17.10 PRESSURE 13.01  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

87 - .1720E+02 0.2617000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6170

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PROCESSING DISTRIBUTED LOADS CARD NO. 47  
 AT Y-COORD 0.000 Z-COORD -17.50 PRESSURE 13.31  
 Z-COORD -17.30 PRESSURE 13.16  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 88 -.1740E+02 0.2647000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6470

PROCESSING DISTRIBUTED LOADS CARD NO. 48  
 AT Y-COORD 0.000 Z-COORD -17.70 PRESSURE 13.46  
 Z-COORD -17.50 PRESSURE 13.31  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 89 -.1760E+02 0.2677000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6770

PROCESSING DISTRIBUTED LOADS CARD NO. 49  
 AT Y-COORD 0.000 Z-COORD -17.90 PRESSURE 13.60  
 Z-COORD -17.70 PRESSURE 13.46  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 90 -.1780E+02 0.2706000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.7060

PROCESSING DISTRIBUTED LOADS CARD NO. 50  
 AT Y-COORD 0.000 Z-COORD -18.00 PRESSURE 13.68  
 Z-COORD -17.90 PRESSURE 13.60  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 91 -.1800E+02 0.1364000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3640

PROCESSING DISTRIBUTED LOADS CARD NO. 51  
 AT Y-COORD 0.000 Z-COORD -10.20 PRESSURE 1.821  
 Z-COORD -10.00 PRESSURE 0.000  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 52 -.1020E+02 0.1821000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.18210

PROCESSING DISTRIBUTED LOADS CARD NO. 52  
 AT Y-COORD 0.000 Z-COORD -10.40 PRESSURE 2.575  
 Z-COORD -10.20 PRESSURE 1.821  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 53 -.1040E+02 0.4396000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.43960

PROCESSING DISTRIBUTED LOADS CARD NO. 53  
 AT Y-COORD 0.000 Z-COORD -10.60 PRESSURE 3.154  
 Z-COORD -10.40 PRESSURE 2.575  
 L.CURVE 5

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NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

54 -.1060E+02 0.5729000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.57290

PROCESSING DISTRIBUTED LOADS CARD NO. 54  
 AT Y-COORD 0.000 Z-COORD -10.80 PRESSURE 3.642  
 Z-COORD -10.60 PRESSURE 3.154  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

55 -.1080E+02 0.6796000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.67960

PROCESSING DISTRIBUTED LOADS CARD NO. 55  
 AT Y-COORD 0.000 Z-COORD -11.00 PRESSURE 4.072  
 Z-COORD -10.80 PRESSURE 3.642  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

56 -.1100E+02 0.7714000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.77140

PROCESSING DISTRIBUTED LOADS CARD NO. 56  
 AT Y-COORD 0.000 Z-COORD -11.20 PRESSURE 4.460  
 Z-COORD -11.00 PRESSURE 4.072  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

57 -.1120E+02 0.8532000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.85320

PROCESSING DISTRIBUTED LOADS CARD NO. 57  
 AT Y-COORD 0.000 Z-COORD -11.40 PRESSURE 4.818  
 Z-COORD -11.20 PRESSURE 4.460  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

58 -.1140E+02 0.9278000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.92780

PROCESSING DISTRIBUTED LOADS CARD NO. 58  
 AT Y-COORD 0.000 Z-COORD -11.60 PRESSURE 5.150  
 Z-COORD -11.40 PRESSURE 4.818  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

59 -.1160E+02 0.9968000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.99680

PROCESSING DISTRIBUTED LOADS CARD NO. 59  
 AT Y-COORD 0.000 Z-COORD -11.80 PRESSURE 5.463  
 Z-COORD -11.60 PRESSURE 5.150  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

60 -.1180E+02 0.1061300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0613

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PROCESSING DISTRIBUTED LOADS CARD NO. 60  
 AT Y-COORD 0.000 Z-COORD -12.00 PRESSURE 5.758  
 Z-COORD -11.80 PRESSURE 5.463  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 61 -.1200E+02 0.1122100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1221

PROCESSING DISTRIBUTED LOADS CARD NO. 61  
 AT Y-COORD 0.000 Z-COORD -12.20 PRESSURE 6.039  
 Z-COORD -12.00 PRESSURE 5.758  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 62 -.1220E+02 0.1179700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1797

PROCESSING DISTRIBUTED LOADS CARD NO. 62  
 AT Y-COORD 0.000 Z-COORD -12.40 PRESSURE 6.308  
 Z-COORD -12.20 PRESSURE 6.039  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 63 -.1240E+02 0.1234700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2347

PROCESSING DISTRIBUTED LOADS CARD NO. 63  
 AT Y-COORD 0.000 Z-COORD -12.60 PRESSURE 6.565  
 Z-COORD -12.40 PRESSURE 6.308  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 64 -.1260E+02 0.1287300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2873

PROCESSING DISTRIBUTED LOADS CARD NO. 64  
 AT Y-COORD 0.000 Z-COORD -12.80 PRESSURE 6.813  
 Z-COORD -12.60 PRESSURE 6.565  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 65 -.1280E+02 0.1337800E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3378

PROCESSING DISTRIBUTED LOADS CARD NO. 65  
 AT Y-COORD 0.000 Z-COORD -13.00 PRESSURE 7.052  
 Z-COORD -12.80 PRESSURE 6.813  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 66 -.1300E+02 0.1386500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3865

PROCESSING DISTRIBUTED LOADS CARD NO. 66  
 AT Y-COORD 0.000 Z-COORD -13.20 PRESSURE 7.284  
 Z-COORD -13.00 PRESSURE 7.052

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L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
67	-.1320E+02	0.1433600E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4336

PROCESSING DISTRIBUTED LOADS CARD NO. 67

AT Y-COORD	0.000	Z-COORD	-13.40	PRESSURE	7.508
		Z-COORD	-13.20	PRESSURE	7.284

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
68	-.1340E+02	0.1479200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4792

PROCESSING DISTRIBUTED LOADS CARD NO. 68

AT Y-COORD	0.000	Z-COORD	-13.60	PRESSURE	7.725
		Z-COORD	-13.40	PRESSURE	7.508

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
69	-.1360E+02	0.1523300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5233

PROCESSING DISTRIBUTED LOADS CARD NO. 69

AT Y-COORD	0.000	Z-COORD	-13.80	PRESSURE	7.937
		Z-COORD	-13.60	PRESSURE	7.725

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
70	-.1380E+02	0.1566200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5662

PROCESSING DISTRIBUTED LOADS CARD NO. 70

AT Y-COORD	0.000	Z-COORD	-14.00	PRESSURE	8.143
		Z-COORD	-13.80	PRESSURE	7.937

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
71	-.1400E+02	0.1608000E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6080

PROCESSING DISTRIBUTED LOADS CARD NO. 71

AT Y-COORD	0.000	Z-COORD	-14.20	PRESSURE	8.344
		Z-COORD	-14.00	PRESSURE	8.143

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
72	-.1420E+02	0.1648700E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6487

PROCESSING DISTRIBUTED LOADS CARD NO. 72

AT Y-COORD	0.000	Z-COORD	-14.40	PRESSURE	8.541
		Z-COORD	-14.20	PRESSURE	8.344

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
73	-.1440E+02	0.1688500E+01 /				

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6885

PROCESSING DISTRIBUTED LOADS CARD NO. 73  
 AT Y-COORD 0.000 Z-COORD -14.60 PRESSURE 8.733  
 Z-COORD -14.40 PRESSURE 8.541  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 74 -.1460E+02 0.1727400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7274

PROCESSING DISTRIBUTED LOADS CARD NO. 74  
 AT Y-COORD 0.000 Z-COORD -14.80 PRESSURE 8.921  
 Z-COORD -14.60 PRESSURE 8.733  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 75 -.1480E+02 0.1765400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7654

PROCESSING DISTRIBUTED LOADS CARD NO. 75  
 AT Y-COORD 0.000 Z-COORD -15.00 PRESSURE 9.105  
 Z-COORD -14.80 PRESSURE 8.921  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 76 -.1500E+02 0.1802600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8026

PROCESSING DISTRIBUTED LOADS CARD NO. 76  
 AT Y-COORD 0.000 Z-COORD -15.20 PRESSURE 9.285  
 Z-COORD -15.00 PRESSURE 9.105  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 77 -.1520E+02 0.1839000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8390

PROCESSING DISTRIBUTED LOADS CARD NO. 77  
 AT Y-COORD 0.000 Z-COORD -15.40 PRESSURE 9.462  
 Z-COORD -15.20 PRESSURE 9.285  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 78 -.1540E+02 0.1874700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8747

PROCESSING DISTRIBUTED LOADS CARD NO. 78  
 AT Y-COORD 0.000 Z-COORD -15.60 PRESSURE 9.635  
 Z-COORD -15.40 PRESSURE 9.462  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 79 -.1560E+02 0.1909700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9097

PROCESSING DISTRIBUTED LOADS CARD NO. 79

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AT Y-COORD 0.000 Z-COORD -15.80 PRESSURE 9.806  
 Z-COORD -15.60 PRESSURE 9.635  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 80 -.1580E+02 0.1944100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9441

PROCESSING DISTRIBUTED LOADS CARD NO. 80  
 AT Y-COORD 0.000 Z-COORD -16.00 PRESSURE 9.973  
 Z-COORD -15.80 PRESSURE 9.806  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 81 -.1600E+02 0.1977900E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9779

PROCESSING DISTRIBUTED LOADS CARD NO. 81  
 AT Y-COORD 0.000 Z-COORD -16.20 PRESSURE 10.14  
 Z-COORD -16.00 PRESSURE 9.973  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 82 -.1620E+02 0.2011300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0113

PROCESSING DISTRIBUTED LOADS CARD NO. 82  
 AT Y-COORD 0.000 Z-COORD -16.40 PRESSURE 10.30  
 Z-COORD -16.20 PRESSURE 10.14  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 83 -.1640E+02 0.2044000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0440

PROCESSING DISTRIBUTED LOADS CARD NO. 83  
 AT Y-COORD 0.000 Z-COORD -16.60 PRESSURE 10.46  
 Z-COORD -16.40 PRESSURE 10.30  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 84 -.1660E+02 0.2076000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0760

PROCESSING DISTRIBUTED LOADS CARD NO. 84  
 AT Y-COORD 0.000 Z-COORD -16.80 PRESSURE 10.62  
 Z-COORD -16.60 PRESSURE 10.46  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 85 -.1680E+02 0.2108000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1080

PROCESSING DISTRIBUTED LOADS CARD NO. 85  
 AT Y-COORD 0.000 Z-COORD -17.00 PRESSURE 10.77  
 Z-COORD -16.80 PRESSURE 10.62  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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86 -.1700E+02 0.2139000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1390

PROCESSING DISTRIBUTED LOADS CARD NO. 86  
 AT Y-COORD 0.000 Z-COORD -17.20 PRESSURE 10.93  
 Z-COORD -17.00 PRESSURE 10.77  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

87 -.1720E+02 0.2170000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1700

PROCESSING DISTRIBUTED LOADS CARD NO. 87  
 AT Y-COORD 0.000 Z-COORD -17.40 PRESSURE 11.08  
 Z-COORD -17.20 PRESSURE 10.93  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

88 -.1740E+02 0.2201000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2010

PROCESSING DISTRIBUTED LOADS CARD NO. 88  
 AT Y-COORD 0.000 Z-COORD -17.60 PRESSURE 11.22  
 Z-COORD -17.40 PRESSURE 11.08  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

89 -.1760E+02 0.2230000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2300

PROCESSING DISTRIBUTED LOADS CARD NO. 89  
 AT Y-COORD 0.000 Z-COORD -17.80 PRESSURE 11.37  
 Z-COORD -17.60 PRESSURE 11.22  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

90 -.1780E+02 0.2259000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2590

PROCESSING DISTRIBUTED LOADS CARD NO. 90  
 AT Y-COORD 0.000 Z-COORD -18.00 PRESSURE 11.52  
 Z-COORD -17.80 PRESSURE 11.37  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

91 -.1800E+02 0.1152000E+01 / 90 -.1780E+02 0.1137000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2890

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 91  
 AT Y-COORD 0.000 Z-COORD -18.00 PRESSURE 11.52  
 Z-COORD -18.00 PRESSURE 11.52  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /



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ALTA SORVEGLIANZA



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681 di 2653

91    -.1800E+02    0.1152000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD

1.1520

NO. OF DISTRIBUTED LOAD CARDS    91

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:47

L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 4 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 4 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 5 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 199.26660  
STEP 5 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

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NO. OF LAYERS ..... 5  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 15.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 16.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 2

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ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



Doc. N.	Progetto INOR	Lotto 11	Codifica Documento E E2 CL GA 160 1 002	Rev. A	Foglio 688 di 2653
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ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	17.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.21500	WALL NO.	1
ITEM NO.	11	U-KP	6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.21500	WALL NO.	1
ITEM NO.	61	D-KP	6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 3

ITEM NO.	1	NAME	18.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-14.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	19.200	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	10.300	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.21500	WALL NO.	1
ITEM NO.	11	U-KP	6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	0.75000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.21500	WALL NO.	1
ITEM NO.	61	D-KP	6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 4

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 4

ITEM NO.	1	NAME	14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	8.3000	(BOTH WALLS)	



## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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689 di 2653

ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 5.0000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 23.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.37600	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 3.0390	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE&	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 5.0000	(BOTH WALLS)	
ITEM NO.	59	&lt;D-FRICT	&gt;= 23.000	(BOTH WALLS)	
ITEM NO.	60	&lt;D-KA	&gt;= 0.37600	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 3.0390	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 4

ITEM NO.	1	&lt;NAME	&gt;= 15.000	(BOTH WALLS)	
ITEM NO.	2	&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	&lt;LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4	&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	&lt;GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE&	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	59	&lt;D-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	60	&lt;D-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 4

ITEM NO.	1	&lt;NAME	&gt;= 16.000	(BOTH WALLS)	
ITEM NO.	2	&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	&lt;LEVEL	&gt;= -5.0000	(BOTH WALLS)	
ITEM NO.	4	&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 20.000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE&	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 20.000	(BOTH WALLS)	
ITEM NO.	59	&lt;D-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	60	&lt;D-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 4

ITEM NO.	1	&lt;NAME	&gt;= 17.000	(BOTH WALLS)	
ITEM NO.	2	&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	&lt;LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4	&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 30.000	(BOTH WALLS)	
ITEM NO.	9	&lt;U-FRICT	&gt;= 36.000	(BOTH WALLS)	
ITEM NO.	10	&lt;U-KA	&gt;= 0.21500	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 6.9780	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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690 di 2653

ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 5

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.42200 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.47700 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 2.9020 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 2.7370 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.42200 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.47700 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 2.9020 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 2.7370 WALL NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)

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ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.23700 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.26500 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 7.2680 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 7.0480 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.23700 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.26500 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 7.2680 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 7.0480 WALL NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.23700 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.26400 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 7.2680 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 7.0530 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.23700 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.26400 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 7.2680 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 7.0530 WALL NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 5

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.24800 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.27500 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 6.7390 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 6.5350 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)

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ITEM NO.	59	D-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.21500	WALL NO.	1
ITEM NO.	61	D-KP	6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.24800	WALL NO.	1
ITEM NO.	96	D-KAEW	0.27500	WALL NO.	1
ITEM NO.	97	D-KPED	6.7390	WALL NO.	1
ITEM NO.	98	D-KPEW	6.5350	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 5

ITEM NO.	1	NAME	18.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-14.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	19.200	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	10.300	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.21500	WALL NO.	1
ITEM NO.	11	U-KP	6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	0.75000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.24800	WALL NO.	1
ITEM NO.	46	U-KAEW	0.28000	WALL NO.	1
ITEM NO.	47	U-KPED	6.7390	WALL NO.	1
ITEM NO.	48	U-KPEW	6.5040	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.21500	WALL NO.	1
ITEM NO.	61	D-KP	6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.24800	WALL NO.	1
ITEM NO.	96	D-KAEW	0.28000	WALL NO.	1
ITEM NO.	97	D-KPED	6.7390	WALL NO.	1
ITEM NO.	98	D-KPEW	6.5040	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 25 VALUES



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NewProject.BaseDesignSection_28.SISMICASTR_3835
Exe Time : 8 June 2018  11:15:47
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PHASE DESCRIPTORS

STEP NO.	1	LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2	LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-3.500	0.000
Z-WATER_TABLE		-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.500	0.000
Z-WATER_TABLE	-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

STEP NO.	LEFT WALL	RIGHT WALL
4		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 4

STEP NO.	LEFT WALL	RIGHT WALL
5		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000

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PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6180E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	26.57	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 5

LEFT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

RIGHT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:47

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 376

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 11.76000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 15.12000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 18.48000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 21.84000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 25.20000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 28.56000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.2000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.5600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 227  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 228  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 229  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 230  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 231  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 232  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 233  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 234  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 235  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 236  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 237  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 238  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 239  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 240  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 241  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 242  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 243  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 244  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 245  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 246  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 247  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 248  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 249  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 250  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 251  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 252  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 253  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 254  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 255  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 256  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 257  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 258  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 259  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 260  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 261  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 262  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 263  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 264  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 265  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 266  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 267  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 268  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 269  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 270  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 271  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 272  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 273  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 274  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 275  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 276  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 277  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 278  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 279  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 280  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 281  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 282  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 283  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 284  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 285  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 286  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 287  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 288  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 289  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 290  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 291  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 292  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 293  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 294  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 295  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 296  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 297  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 298  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 299  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 300  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 301  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 302  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 303  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 304  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 305  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 306  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 307  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 308  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 309  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 310  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 311  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 312  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 313  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 314  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 315  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 316  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 317  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 318  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 319  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 320  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 321  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 322  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 323  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 324  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 325  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 326  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 327  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 328  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 329  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 330  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 331  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 332  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 333  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 334  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 335  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 336  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 337  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 338  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 339  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 340  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 341  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 342  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 343  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 344  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 345  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 346  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 347  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 348  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 349  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 350  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 351  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 352  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 353  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 354  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 355  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 356  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 357  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 358  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 359  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 360  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 361  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 362  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 363  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 364  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 365  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 366  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 367  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 368  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 369  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 370  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 371  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 372  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 373  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 374  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 375  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 376  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 10660

NO. OF D.P.W FOR THIS AREA 10795  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3112E+06 RIMNOR= 0.000  
RENORM=0.1338E-26 REMNOR= 0.000 RATIO =0.6558E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.29 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3112E+06 RDR = 0.000  
RATIOT=0.6558E-16 RATIOR= 0.000  
MAX UN=0.1421E-13 IEQ= 165 NODE 83 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 153 NODE 77 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3112E+06 RIMNOR= 0.000  
RENORM=0.2007E-28 REMNOR=0.1303E-52 RATIO =0.8030E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.29 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3112E+06 RDR = 0.000  
RATIOT=0.8030E-17 RATIOR= 0.000  
MAX UN=0.8052E-15 IEQ= 165 NODE 83 DOF 1 Y-DISPL.F  
MIN UN=-.5510E-16 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3112E+06 RIMNOR= 0.000  
RENORM=0.1895E-28 REMNOR=0.4102E-52 RATIO =0.7803E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.29 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3112E+06 RDR = 0.000  
RATIOT=0.7803E-17 RATIOR= 0.000  
MAX UN=0.8097E-15 IEQ= 179 NODE 90 DOF 1 Y-DISPL.F  
MIN UN=-.3534E-16 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:47

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS











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33 D	28.13	4.4262E-20	75.08 81.63 75.08	81.63	V-C 3.1161E+04 -6.400 59.00 1.000 1.000
140.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	28.86	4.4002E-20	77.52 83.30 77.52	83.30	V-C 3.1161E+04 -6.600 61.00 1.000 1.000
144.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	29.59	4.3606E-20	79.96 84.97 79.96	84.97	V-C 3.1161E+04 -6.800 63.00 1.000 1.000
148.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	30.33	4.3090E-20	82.40 86.63 82.40	86.63	V-C 3.1161E+04 -7.000 65.00 1.000 1.000
151.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	31.06	4.2462E-20	84.84 88.28 84.84	88.28	V-C 3.1161E+04 -7.200 67.00 1.000 1.000
155.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	31.79	4.1727E-20	87.28 89.93 87.28	89.93	V-C 3.1161E+04 -7.400 69.00 1.000 1.000
158.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	32.52	4.0886E-20	89.72 91.58 89.72	91.58	V-C 3.1161E+04 -7.600 71.00 1.000 1.000
162.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	33.25	3.9920E-20	92.16 93.23 92.16	93.23	V-C 3.1161E+04 -7.800 73.00 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	33.97	3.8760E-20	94.60 94.87 94.60	94.87	V-C 3.1161E+04 -8.000 75.00 1.000 1.000
169.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	34.70	3.7377E-20	97.04 96.51 97.04	96.51	V-C 3.1161E+04 -8.200 77.00 1.000 1.000
173.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	35.43	3.5770E-20	99.48 98.15 99.48	98.15	V-C 3.1161E+04 -8.400 79.00 1.000 1.000
177.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	36.16	3.3992E-20	101.9 99.79 101.9	99.79	V-C 3.1161E+04 -8.600 81.00 1.000 1.000
180.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	36.89	3.2106E-20	104.4 101.4 104.4	101.4	V-C 3.1161E+04 -8.800 83.00 1.000 1.000
184.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	37.61	3.0174E-20	106.8 103.1 106.8	103.1	V-C 3.1161E+04 -9.000 85.00 1.000 1.000
188.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	38.34	2.8251E-20	109.2 104.7 109.2	104.7	V-C 3.1161E+04 -9.200 87.00 1.000 1.000
191.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	39.07	2.6391E-20	111.7 106.3 111.7	106.3	V-C 3.1161E+04 -9.400 89.00 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	39.79	2.4657E-20	114.1 108.0 114.1	108.0	V-C 3.1161E+04 -9.600 91.00 1.000 1.000
199.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	40.52	2.3169E-20	116.6 109.6 116.6	109.6	V-C 3.1161E+04 -9.800 93.00 1.000 1.000
202.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	41.25	2.2045E-20	119.0 111.2 119.0	111.2	V-C 3.1161E+04 -10.00 95.00 1.000 1.000
206.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	41.98	2.1338E-20	121.4 112.9 121.4	112.9	V-C 4.2460E+04 -10.20 97.00 1.000 1.000
209.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	42.70	2.1097E-20	123.9 114.5 123.9	114.5	V-C 4.2460E+04 -10.40 99.00 1.000 1.000
213.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	43.43	2.1412E-20	126.3 116.2 126.3	116.2	V-C 4.2460E+04 -10.60 101.00 1.000 1.000
217.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	44.16	2.2310E-20	128.8 117.8 128.8	117.8	V-C 4.2460E+04 -10.80 103.00 1.000 1.000
220.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	44.89	2.3737E-20	131.2 119.4 131.2	119.4	V-C 4.2460E+04 -11.00 105.00 1.000 1.000
224.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	45.61	2.5619E-20	133.6 121.1 133.6	121.1	V-C 4.2460E+04 -11.20 107.00 1.000 1.000
228.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	46.34	2.7878E-20	136.1 122.7 136.1	122.7	V-C 4.2460E+04 -11.40 109.00 1.000 1.000
231.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	47.07	3.0432E-20	138.5 124.4 138.5	124.4	V-C 4.2460E+04 -11.60 111.00 1.000 1.000
235.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	47.80	3.3191E-20	141.0 126.0 141.0	126.0	V-C 4.2460E+04 -11.80 113.00 1.000 1.000
239.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.53	3.6062E-20	143.4 127.6 143.4	127.6	V-C 4.2460E+04 -12.00 115.00 1.000 1.000
242.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.26	3.8947E-20	145.8 129.3 145.8	129.3	V-C 4.2460E+04 -12.20 117.00 1.000 1.000
246.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	49.99	4.1740E-20	148.3 130.9 148.3	130.9	V-C 4.2460E+04 -12.40 119.00 1.000 1.000
249.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.72	4.4331E-20	150.7 132.6 150.7	132.6	V-C 4.2460E+04 -12.60 121.00 1.000 1.000
253.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.45	4.6603E-20	153.2 134.2 153.2	134.2	V-C 4.2460E+04 -12.80 123.00 1.000 1.000
257.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.18	4.8462E-20	155.6 135.9 155.6	135.9	V-C 4.2460E+04 -13.00 125.00 1.000 1.000
260.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	52.91	4.9929E-20	158.0 137.5 158.0	137.5	V-C 4.2460E+04 -13.20 127.00 1.000 1.000
264.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.64	5.1061E-20	160.5 139.2 160.5	139.2	V-C 4.2460E+04 -13.40 129.00 1.000 1.000
268.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.37	5.1968E-20	162.9 140.8 162.9	140.8	V-C 4.2460E+04 -13.60 131.00 1.000 1.000
271.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.10	5.2770E-20	165.4 142.5 165.4	142.5	V-C 4.2460E+04 -13.80 133.00 1.000 1.000
275.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	55.83	5.3561E-20	167.8 144.2 167.8	144.2	V-C 4.2460E+04 -14.00 135.00 1.000 1.000
279.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
72 D	56.17	5.4368E-20	169.9 143.8 169.9	143.8	V-C 4.2460E+04 -14.20 137.00 1.000 1.000
280.8	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.84	5.5198E-20	171.9 145.2 171.9	145.2	V-C 4.2460E+04 -14.40 139.00 1.000 1.000
284.2	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.51	5.6046E-20	174.0 146.5 174.0	146.5	V-C 4.2460E+04 -14.60 141.00 1.000 1.000
287.5	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.18	5.6901E-20	176.0 147.9 176.0	147.9	V-C 4.2460E+04 -14.80 143.00 1.000 1.000
290.9	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.85	5.7742E-20	178.1 149.3 178.1	149.3	V-C 4.2460E+04 -15.00 145.00 1.000 1.000
294.3	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.53	5.8569E-20	180.2 150.6 180.2	150.6	V-C 4.2460E+04 -15.20 147.00 1.000 1.000
297.6	0.000	0.000	Limosabbiosol_237_225_L_0		



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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:47

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	2.06634E-17	-2.06634E-17	-4.54384E-28	4.13267E-18
2	2.78050E-16	-2.78050E-16	-4.13267E-18	5.97427E-17
3	-1.36680E-16	1.36680E-16	-5.97427E-17	3.24067E-17
4	-1.13302E-16	1.13302E-16	-3.24067E-17	9.74622E-18
5	-9.59002E-17	9.59002E-17	-9.74622E-18	9.43381E-18
6	-8.44639E-17	8.44639E-17	9.43381E-18	-2.63266E-17
7	-7.89790E-17	7.89790E-17	2.63266E-17	-4.21224E-17
8	-7.94249E-17	7.94249E-17	4.21224E-17	-5.80074E-17
9	-9.96022E-17	9.96022E-17	5.80074E-17	-7.79278E-17
10	-1.38426E-16	1.38426E-16	7.79278E-17	-1.05613E-16
11	-1.95748E-16	1.95748E-16	1.05613E-16	-1.44763E-16
12	-2.71380E-16	2.71380E-16	1.44763E-16	-1.99039E-16
13	-3.65083E-16	3.65083E-16	1.99039E-16	-2.72055E-16
14	-4.76564E-16	4.76564E-16	2.72055E-16	-3.67368E-16
15	-6.05465E-16	6.05465E-16	3.67368E-16	-4.88461E-16
16	-7.51366E-16	7.51366E-16	4.88461E-16	-6.38734E-16
17	-9.13771E-16	9.13771E-16	6.38734E-16	-8.21489E-16
18	-1.09211E-15	1.09211E-15	8.21489E-16	-1.03991E-15
19	-1.28575E-15	1.28575E-15	1.03991E-15	-1.29706E-15
20	-1.49395E-15	1.49395E-15	1.29706E-15	-1.59585E-15
21	-1.71592E-15	1.71592E-15	1.59585E-15	-1.93903E-15
22	-1.95078E-15	1.95078E-15	1.93903E-15	-2.32919E-15
23	-2.19758E-15	2.19758E-15	2.32919E-15	-2.76870E-15
24	-2.45531E-15	2.45531E-15	2.76870E-15	-3.25976E-15
25	-2.72288E-15	2.72288E-15	3.25976E-15	-3.80434E-15
26	-2.99915E-15	2.99915E-15	3.80434E-15	-4.40417E-15
27	-1.98814E-16	1.98814E-16	4.40417E-15	-4.36441E-15
28	-1.63816E-16	1.63816E-16	4.36441E-15	-4.39717E-15
29	3.01994E-15	-3.01994E-15	4.39717E-15	-3.79318E-15
30	2.64621E-15	-2.64621E-15	3.79318E-15	-3.26394E-15
31	2.26928E-15	-2.26928E-15	3.26394E-15	-2.81008E-15
32	1.89066E-15	-1.89066E-15	2.81008E-15	-2.43195E-15
33	1.51185E-15	-1.51185E-15	2.43195E-15	-2.12958E-15
34	1.13426E-15	-1.13426E-15	2.12958E-15	-1.90273E-15
35	7.59238E-16	-7.59238E-16	1.90273E-15	-1.75088E-15
36	3.88028E-16	-3.88028E-16	1.75088E-15	-1.67328E-15
37	2.17627E-17	-2.17627E-17	1.67328E-15	-1.66892E-15
38	-3.38555E-16	3.38555E-16	1.66892E-15	-1.73664E-15
39	-7.79749E-15	7.79749E-15	1.73664E-15	-3.29613E-15
40	-1.03806E-15	1.03806E-15	3.29613E-15	-3.50374E-15
41	-1.37603E-15	1.37603E-15	3.50374E-15	-3.77894E-15
42	-5.39982E-15	5.39982E-15	3.77894E-15	-2.69898E-15
43	5.07875E-15	-5.07875E-15	2.69898E-15	-1.68323E-15
44	4.76615E-15	-4.76615E-15	1.68323E-15	-7.30005E-16
45	4.46172E-15	-4.46172E-15	7.30005E-16	1.62339E-16
46	4.16497E-15	-4.16497E-15	1.62339E-16	9.95333E-16
47	3.87519E-15	-3.87519E-15	9.95333E-16	1.77037E-15
48	1.06969E-14	-1.06969E-14	1.77037E-15	3.90974E-15
49	1.04180E-14	-1.04180E-14	3.90974E-15	5.99334E-15
50	3.03738E-15	-3.03738E-15	5.99334E-15	6.60081E-15
51	2.76430E-15	-2.76430E-15	6.60081E-15	7.15366E-15
52	9.50892E-15	-9.50892E-15	7.15366E-15	9.05545E-15
53	2.04117E-15	-2.04117E-15	9.05545E-15	9.46368E-15
54	-5.43041E-15	5.43041E-15	9.46368E-15	8.37760E-15
55	-5.80271E-15	5.80271E-15	8.37760E-15	7.21706E-15
56	-6.18344E-15	6.18344E-15	7.21706E-15	5.98037E-15
57	-6.57475E-15	6.57475E-15	5.98037E-15	4.66542E-15
58	-6.97865E-15	6.97865E-15	4.66542E-15	3.26969E-15
59	-7.39691E-15	7.39691E-15	3.26969E-15	1.79031E-15
60	-7.83109E-15	7.83109E-15	1.79031E-15	2.24089E-16
61	-8.28244E-15	8.28244E-15	2.24089E-16	1.43240E-15
62	-8.75195E-15	8.75195E-15	1.43240E-15	3.18279E-15
63	-9.24032E-15	9.24032E-15	3.18279E-15	5.03085E-15
64	-9.74795E-15	9.74795E-15	5.03085E-15	6.98044E-15
65	-3.93584E-15	3.93584E-15	6.98044E-15	6.19328E-15
66	-3.38943E-15	3.38943E-15	6.19328E-15	5.51539E-15
67	-9.92938E-15	9.92938E-15	5.51539E-15	3.52952E-15
68	-9.34527E-15	9.34527E-15	3.52952E-15	1.66046E-15

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69 8.74312E-15-8.74312E-15 1.66046E-15 8.81618E-17  
70 1.01818E-15-1.01818E-15-8.81618E-17 2.91798E-16  
71 3.82051E-16-3.82051E-16-2.91798E-16 3.68208E-16  
72-2.69882E-16 2.69882E-16-3.68208E-16 3.14231E-16  
73-9.36782E-16 9.36782E-16-3.14231E-16 1.26875E-16  
74-1.61779E-15 1.61779E-15-1.26875E-16-1.96684E-16  
75-2.31205E-15 2.31205E-15 1.96684E-16-6.59095E-16  
76 1.11922E-14-1.11922E-14 6.59095E-16 1.57934E-15  
77-3.73689E-15 3.73689E-15-1.57934E-15 8.31957E-16  
78-4.46579E-15 4.46579E-15-8.31957E-16-6.12014E-17  
79-5.20460E-15 5.20460E-15 6.12014E-17-1.10212E-15  
80-5.95255E-15 5.95255E-15 1.10212E-15-2.29263E-15  
81-6.70889E-15 6.70889E-15 2.29263E-15-3.63441E-15  
82-7.47294E-15 7.47294E-15 3.63441E-15-5.12900E-15  
83 5.96678E-15-5.96678E-15 5.12900E-15-3.93564E-15  
84 5.18914E-15-5.18914E-15 3.93564E-15-2.89781E-15  
85 4.40545E-15-4.40545E-15 2.89781E-15-2.01672E-15  
86 3.61613E-15-3.61613E-15 2.01672E-15-1.29350E-15  
87 2.82148E-15-2.82148E-15 1.29350E-15-7.29200E-16  
88 2.02171E-15-2.02171E-15 7.29200E-16-3.24859E-16  
89 1.21695E-15-1.21695E-15 3.24859E-16-8.14562E-17  
90 4.07281E-16-4.07281E-16 8.14562E-17-3.21855E-28



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                NewProject.BaseDesignSection_28.SISMICASTR_3835
                Exe Time : 8 June 2018  11:15:47
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :  
 ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 1.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit
----	-------	----	--------	---------	---	-----------	-----------

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

```

ITER 0 RNORM = 0.000  RMNORM= 0.000
      RINORM=0.3180E+06 RIMNOR=0.1959E-26
      RENORM= 3652.  REMNOR=0.4102E-52 RATIO =0.1072  TOLER =0.1000E-03 NOT CONVERGED
      RFMAX = 70.78  RMMAX =0.9464E-14
      RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
      RDT =0.3180E+06 RDR =0.1000E-19
      RATIO=0.1072  RATOR= 0.000
      MAX UN= 15.56  IEQ= 35 NODE 18 DOF 1 Y-DISPL.F
      MIN UN=-13.00  IEQ= 45 NODE 23 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

```

ITER 2 RNORM = 0.000  RMNORM= 0.000
      RINORM=0.3180E+06 RIMNOR=0.1959E-26
      RENORM= 22.49  REMNOR=0.4883E-20 RATIO =0.8408E-02 TOLER =0.1000E-03 NOT CONVERGED
      RFMAX = 70.78  RMMAX =0.9464E-14
      RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
      RDT =0.3180E+06 RDR =0.1000E-19
      RATIO=0.8408E-02 RATOR= 0.000
      MAX UN= 3.868  IEQ= 17 NODE 9 DOF 1 Y-DISPL.F
      MIN UN=-.4790  IEQ= 47 NODE 24 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

```

ITER 3 RNORM = 0.000  RMNORM= 0.000
      RINORM=0.3180E+06 RIMNOR=0.1959E-26
      RENORM=0.4046E-01 REMNOR=0.6519E-21 RATIO =0.3567E-03 TOLER =0.1000E-03 NOT CONVERGED
      RFMAX = 70.78  RMMAX =0.9464E-14
      RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
      RDT =0.3180E+06 RDR =0.1000E-19
      RATIO=0.3567E-03 RATOR= 0.000
      MAX UN=0.9036E-02 IEQ= 23 NODE 12 DOF 1 Y-DISPL.F
      MIN UN=-.1240  IEQ= 45 NODE 23 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

```

ITER 4 RNORM = 0.000  RMNORM= 0.000
      RINORM=0.3180E+06 RIMNOR=0.1959E-26
      RENORM=0.8852E-03 REMNOR=0.1261E-20 RATIO =0.5276E-04 TOLER =0.1000E-03 CONVERGED !
      RFMAX = 70.78  RMMAX =0.9464E-14
      RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
      RDT =0.3180E+06 RDR =0.1000E-19
      RATIO=0.5276E-04 RATOR= 0.000
      MAX UN=0.1312E-01 IEQ= 23 NODE 12 DOF 1 Y-DISPL.F
      MIN UN=-.2644E-03 IEQ= 181 NODE 91 DOF 1 Y-DISPL.F
      NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:47

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	1.8171156E-03	-4.5614804E-04
2	1.7258860E-03	-4.5614804E-04
3	1.6346563E-03	-4.5614804E-04
4	1.5434267E-03	-4.5614804E-04
5	1.4521979E-03	-4.5613684E-04
6	1.3609765E-03	-4.5605886E-04
7	1.2697867E-03	-4.5579514E-04
8	1.1786826E-03	-4.5516906E-04
9	1.0877586E-03	-4.5395092E-04
10	9.9715016E-04	-4.5201313E-04
11	9.0700129E-04	-4.4935568E-04
12	8.1745604E-04	-4.4597592E-04
13	7.2865993E-04	-4.4186100E-04
14	6.4076597E-04	-4.3693110E-04
15	5.5395512E-04	-4.3098666E-04
16	4.6846034E-04	-4.2370673E-04
17	3.8459095E-04	-4.1464903E-04
18	3.0275669E-04	-4.0325195E-04
19	2.2349137E-04	-3.8883679E-04
20	1.4744634E-04	-3.7105615E-04
21	7.5280910E-05	-3.5009555E-04
22	7.5884855E-06	-3.2642942E-04
23	-5.5156623E-05	-3.0074976E-04
24	-1.1262868E-04	-2.7383326E-04
25	-1.6465488E-04	-2.4639546E-04
26	-2.1119104E-04	-2.1902031E-04
27	-2.5229896E-04	-1.9218442E-04
28	-2.8812502E-04	-1.6625167E-04
29	-3.1887717E-04	-1.4148437E-04
30	-3.4480920E-04	-1.1807592E-04
31	-3.6620722E-04	-9.6162641E-05
32	-3.8337980E-04	-7.5832545E-05
33	-3.9664897E-04	-5.7133419E-05
34	-4.0634286E-04	-4.0079744E-05
35	-4.1278968E-04	-2.4658812E-05
36	-4.1631288E-04	-1.0835736E-05
37	-4.1722704E-04	1.4414360E-06
38	-4.1583501E-04	1.2237950E-05
39	-4.1242558E-04	2.1628686E-05
40	-4.0727186E-04	2.9694995E-05
41	-4.0063021E-04	3.6522142E-05
42	-3.9273984E-04	4.2196710E-05
43	-3.8382263E-04	4.6804756E-05
44	-3.7408346E-04	5.0430048E-05
45	-3.6371085E-04	5.3152612E-05
46	-3.5287764E-04	5.5047576E-05
47	-3.4174238E-04	5.6184116E-05
48	-3.3045039E-04	5.6624729E-05
49	-3.1913520E-04	5.6424623E-05
50	-3.0792014E-04	5.5631288E-05
51	-2.9691966E-04	5.4284188E-05
52	-2.8624151E-04	5.2414689E-05
53	-2.7598436E-04	5.0089720E-05
54	-2.6622923E-04	4.7410530E-05
55	-2.5703775E-04	4.4467385E-05
56	-2.4845456E-04	4.1340053E-05
57	-2.4050935E-04	3.8098322E-05
58	-2.3321883E-04	3.4802589E-05
59	-2.2658848E-04	3.1504488E-05
60	-2.2061429E-04	2.8247540E-05
61	-2.1528431E-04	2.5067817E-05
62	-2.1058006E-04	2.1994607E-05
63	-2.0647783E-04	1.9051065E-05
64	-2.0294981E-04	1.6254853E-05
65	-1.9996521E-04	1.3618747E-05
66	-1.9749108E-04	1.1151230E-05
67	-1.9549317E-04	8.8570030E-06
68	-1.9393663E-04	6.7374717E-06
69	-1.9278662E-04	4.7912331E-06
70	-1.9200883E-04	3.0145275E-06
71	-1.9156989E-04	1.4016499E-06
72	-1.9143774E-04	-5.4676851E-08

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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73 -1.9158178E-04 -1.3612288E-06  
74 -1.9197265E-04 -2.5241629E-06  
75 -1.9258235E-04 -3.5506598E-06  
76 -1.9338435E-04 -4.4486728E-06  
77 -1.9435382E-04 -5.2267081E-06  
78 -1.9546763E-04 -5.8936368E-06  
79 -1.9670447E-04 -6.4585342E-06  
80 -1.9804485E-04 -6.9305464E-06  
81 -1.9947110E-04 -7.3187806E-06  
82 -2.0096738E-04 -7.6322168E-06  
83 -2.0251959E-04 -7.8796399E-06  
84 -2.0411540E-04 -8.0695888E-06  
85 -2.0574414E-04 -8.2103210E-06  
86 -2.0739678E-04 -8.3097899E-06  
87 -2.0906582E-04 -8.3756341E-06  
88 -2.1074528E-04 -8.4151750E-06  
89 -2.1243060E-04 -8.4354230E-06  
90 -2.1411869E-04 -8.4430884E-06  
91 -2.1580751E-04 -8.4445955E-06





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33 D	29.26	3.9665E-04	125.5 109.3 125.5	109.3	V-C 3.2234E+04 -6.400 37.02 1.000 1.000
146.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	30.06	4.0634E-04	128.0 111.4 128.0	111.4	V-C 3.2234E+04 -6.600 38.92 1.000 1.000
150.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	30.83	4.1279E-04	131.4 113.3 131.4	113.3	V-C 3.2234E+04 -6.800 40.81 1.000 1.000
154.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	31.57	4.1631E-04	134.4 115.2 134.4	115.2	V-C 3.2234E+04 -7.000 42.71 1.000 1.000
157.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	32.31	4.1723E-04	137.3 116.9 137.3	116.9	V-C 3.2234E+04 -7.200 44.61 1.000 1.000
161.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	33.02	4.1584E-04	140.3 118.6 140.3	118.6	V-C 3.2234E+04 -7.400 46.51 1.000 1.000
165.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	33.73	4.1243E-04	143.5 120.2 143.5	120.2	V-C 3.2234E+04 -7.600 48.41 1.000 1.000
168.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	34.42	4.0727E-04	146.4 121.8 146.4	121.8	V-C 3.2234E+04 -7.800 50.31 1.000 1.000
172.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	35.10	4.0063E-04	149.3 123.3 149.3	123.3	V-C 3.2234E+04 -8.000 52.20 1.000 1.000
175.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	35.77	3.9274E-04	152.1 124.8 152.1	124.8	V-C 3.2234E+04 -8.200 54.10 1.000 1.000
178.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	36.44	3.8382E-04	155.3 126.2 155.3	126.2	V-C 3.2234E+04 -8.400 56.00 1.000 1.000
182.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	37.10	3.7408E-04	157.8 127.6 157.8	127.6	V-C 3.2234E+04 -8.600 57.90 1.000 1.000
185.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	37.75	3.6371E-04	160.9 129.0 160.9	129.0	V-C 3.2234E+04 -8.800 59.80 1.000 1.000
188.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	38.40	3.5288E-04	163.7 130.3 163.7	130.3	V-C 3.2234E+04 -9.000 61.69 1.000 1.000
192.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	39.05	3.4174E-04	166.8 131.7 166.8	131.7	V-C 3.2234E+04 -9.200 63.59 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	39.70	3.3045E-04	169.3 133.0 169.3	133.0	V-C 3.2234E+04 -9.400 65.49 1.000 1.000
198.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	40.35	3.1914E-04	172.3 134.4 172.3	134.4	V-C 3.2234E+04 -9.600 67.39 1.000 1.000
201.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	41.00	3.0792E-04	175.1 135.7 175.1	135.7	V-C 3.2234E+04 -9.800 69.29 1.000 1.000
205.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	41.66	2.9692E-04	177.8 137.1 177.8	137.1	V-C 3.2234E+04 -10.00 71.19 1.000 1.000
208.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	42.87	2.8624E-04	180.5 141.3 180.5	141.3	V-C 4.2056E+04 -10.20 73.08 1.000 1.000
214.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	43.51	2.7598E-04	183.6 142.6 183.6	142.6	UL-RL 1.0514E+05 -10.40 74.98 1.000 1.000
217.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	44.15	2.6623E-04	186.0 143.9 186.0	143.9	UL-RL 1.0514E+05 -10.60 76.88 1.000 1.000
220.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	44.79	2.5704E-04	189.0 145.2 189.0	145.2	UL-RL 1.0514E+05 -10.80 78.78 1.000 1.000
224.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	45.44	2.4845E-04	191.7 146.5 191.7	146.5	UL-RL 1.0514E+05 -11.00 80.68 1.000 1.000
227.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	46.10	2.4051E-04	194.6 147.9 194.6	147.9	UL-RL 1.0514E+05 -11.20 82.58 1.000 1.000
230.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	46.76	2.3322E-04	197.0 149.3 197.0	149.3	UL-RL 1.0514E+05 -11.40 84.47 1.000 1.000
233.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	47.43	2.2659E-04	200.0 150.8 200.0	150.8	UL-RL 1.0514E+05 -11.60 86.37 1.000 1.000
237.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	48.10	2.2061E-04	202.6 152.2 202.6	152.2	UL-RL 1.0514E+05 -11.80 88.27 1.000 1.000
240.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.78	2.1528E-04	205.3 153.7 205.3	153.7	V-C 4.2056E+04 -12.00 90.17 1.000 1.000
243.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.47	2.1058E-04	208.0 155.3 208.0	155.3	V-C 4.2056E+04 -12.20 92.07 1.000 1.000
247.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	50.16	2.0648E-04	210.9 156.8 210.9	156.8	V-C 4.2056E+04 -12.40 93.97 1.000 1.000
250.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.85	2.0295E-04	213.3 158.4 213.3	158.4	V-C 4.2056E+04 -12.60 95.86 1.000 1.000
254.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.55	1.9997E-04	216.2 160.0 216.2	160.0	V-C 4.2056E+04 -12.80 97.76 1.000 1.000
257.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.26	1.9749E-04	218.8 161.6 218.8	161.6	UL-RL 1.0514E+05 -13.00 99.66 1.000 1.000
261.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	52.96	1.9549E-04	221.7 163.3 221.7	163.3	UL-RL 1.0514E+05 -13.20 101.6 1.000 1.000
264.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.68	1.9394E-04	224.1 164.9 224.1	164.9	UL-RL 1.0514E+05 -13.40 103.5 1.000 1.000
268.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.39	1.9279E-04	226.9 166.6 226.9	166.6	UL-RL 1.0514E+05 -13.60 105.4 1.000 1.000
272.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.11	1.9201E-04	229.5 168.3 229.5	168.3	UL-RL 1.0514E+05 -13.80 107.3 1.000 1.000
275.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	55.84	1.9157E-04	232.2 170.0 232.2	170.1	UL-RL 1.0514E+05 -14.00 109.2 1.000 1.000
279.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
72 D	56.12	1.9144E-04	234.4 169.5 234.4	169.6	UL-RL 1.0514E+05 -14.20 111.1 1.000 1.000
280.6	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.78	1.9158E-04	236.8 171.0 236.8	171.0	UL-RL 1.0514E+05 -14.40 112.9 1.000 1.000
283.9	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.45	1.9197E-04	238.8 172.4 238.8	172.4	UL-RL 1.0514E+05 -14.60 114.8 1.000 1.000
287.3	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.12	1.9258E-04	241.3 173.9 241.3	173.9	UL-RL 1.0514E+05 -14.80 116.7 1.000 1.000
290.6	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.80	1.9338E-04	243.5 175.3 243.5	175.4	UL-RL 1.0514E+05 -15.00 118.6 1.000 1.000
294.0	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.47	1.9435E-04	245.9 176.8 245.9	176.9	UL-RL 1.0514E+05 -15.20 120.5 1.000 1.000
297.4	0.000	0.000	Limosabbiosol_237_225_L_0		





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33 D	29.26	-3.9665E-04	38.11 121.1 75.08	137.0	UL-RL 4.0171E+04 -6.400 25.22 1.000 1.000
146.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	29.66	-4.0634E-04	40.45 121.0 77.52	137.3	UL-RL 4.0171E+04 -6.600 27.32 1.000 1.000
148.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.12	-4.1279E-04	42.79 121.2 79.96	137.8	UL-RL 4.0171E+04 -6.800 29.42 1.000 1.000
150.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.63	-4.1631E-04	45.12 121.6 82.40	138.4	UL-RL 4.0171E+04 -7.000 31.53 1.000 1.000
153.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.19	-4.1723E-04	47.46 122.3 84.84	139.1	UL-RL 4.0171E+04 -7.200 33.63 1.000 1.000
155.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.78	-4.1584E-04	49.80 123.1 87.28	139.9	UL-RL 4.0171E+04 -7.400 35.73 1.000 1.000
158.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.40	-4.1243E-04	52.14 124.2 89.72	140.7	UL-RL 4.0171E+04 -7.600 37.83 1.000 1.000
162.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.05	-4.0727E-04	54.48 125.3 92.16	141.7	UL-RL 4.0171E+04 -7.800 39.93 1.000 1.000
165.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	33.72	-4.0063E-04	56.82 126.6 94.60	142.7	UL-RL 4.0171E+04 -8.000 42.03 1.000 1.000
168.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.42	-3.9274E-04	59.15 128.0 97.04	143.7	UL-RL 4.0171E+04 -8.200 44.14 1.000 1.000
172.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.14	-3.8382E-04	61.49 129.4 99.48	144.9	UL-RL 4.0171E+04 -8.400 46.24 1.000 1.000
175.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	35.86	-3.7408E-04	63.83 131.0 101.9	146.0	UL-RL 4.0171E+04 -8.600 48.34 1.000 1.000
179.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	36.61	-3.6371E-04	66.17 132.6 104.4	147.2	UL-RL 4.0171E+04 -8.800 50.44 1.000 1.000
183.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.36	-3.5288E-04	68.51 134.3 106.8	148.4	UL-RL 4.0171E+04 -9.000 52.54 1.000 1.000
186.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.12	-3.4174E-04	70.85 136.0 109.2	149.7	UL-RL 4.0171E+04 -9.200 54.64 1.000 1.000
190.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	38.89	-3.3045E-04	73.18 137.7 111.7	151.0	UL-RL 4.0171E+04 -9.400 56.75 1.000 1.000
194.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	39.66	-3.1914E-04	75.52 139.5 114.1	152.3	UL-RL 4.0171E+04 -9.600 58.85 1.000 1.000
198.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	40.44	-3.0792E-04	77.86 141.3 116.6	153.6	UL-RL 4.0171E+04 -9.800 60.95 1.000 1.000
202.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	41.22	-2.9692E-04	80.20 143.1 119.0	155.0	UL-RL 4.0171E+04 -10.00 63.05 1.000 1.000
206.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
52 D	41.18	-2.8624E-04	82.54 140.8 121.4	156.4	UL-RL 5.4592E+04 -10.20 65.15 1.000 1.000
205.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
53 D	41.99	-2.7598E-04	84.88 142.7 123.9	157.8	UL-RL 5.4592E+04 -10.40 67.25 1.000 1.000
210.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
54 D	42.80	-2.6623E-04	87.21 144.7 126.3	159.2	UL-RL 5.4592E+04 -10.60 69.36 1.000 1.000
214.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
55 D	43.61	-2.5704E-04	89.55 146.6 128.8	160.6	UL-RL 5.4592E+04 -10.80 71.46 1.000 1.000
218.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
56 D	44.42	-2.4845E-04	91.89 148.5 131.2	162.1	UL-RL 5.4592E+04 -11.00 73.56 1.000 1.000
222.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
57 D	45.22	-2.4051E-04	94.23 150.4 133.6	163.6	UL-RL 5.4592E+04 -11.20 75.66 1.000 1.000
226.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
58 D	46.01	-2.3322E-04	96.57 152.3 136.1	165.0	UL-RL 5.4592E+04 -11.40 77.76 1.000 1.000
230.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
59 D	46.80	-2.2659E-04	98.91 154.2 138.5	166.5	UL-RL 5.4592E+04 -11.60 79.86 1.000 1.000
234.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
60 D	47.59	-2.2061E-04	101.2 156.0 141.0	168.0	UL-RL 5.4592E+04 -11.80 81.97 1.000 1.000
237.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
61 D	48.37	-2.1528E-04	103.6 157.8 143.4	169.5	UL-RL 5.4592E+04 -12.00 84.07 1.000 1.000
241.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
62 D	49.15	-2.1058E-04	105.9 159.6 145.8	171.1	UL-RL 5.4592E+04 -12.20 86.17 1.000 1.000
245.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
63 D	49.92	-2.0648E-04	108.3 161.3 148.3	172.6	UL-RL 5.4592E+04 -12.40 88.27 1.000 1.000
249.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
64 D	50.69	-2.0295E-04	110.6 163.1 150.7	174.1	UL-RL 5.4592E+04 -12.60 90.37 1.000 1.000
253.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
65 D	51.45	-1.9997E-04	112.9 164.8 153.2	175.7	UL-RL 5.4592E+04 -12.80 92.47 1.000 1.000
257.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
66 D	52.21	-1.9749E-04	115.3 166.5 155.6	177.3	UL-RL 5.4592E+04 -13.00 94.58 1.000 1.000
261.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
67 D	52.97	-1.9549E-04	117.6 168.2 158.0	178.8	UL-RL 5.4592E+04 -13.20 96.68 1.000 1.000
264.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
68 D	53.72	-1.9394E-04	120.0 169.8 160.5	180.4	UL-RL 5.4592E+04 -13.40 98.78 1.000 1.000
268.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
69 D	54.47	-1.9279E-04	122.3 171.5 162.9	182.0	UL-RL 5.4592E+04 -13.60 100.9 1.000 1.000
272.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
70 D	55.22	-1.9201E-04	124.6 173.1 165.4	183.6	UL-RL 5.4592E+04 -13.80 103.0 1.000 1.000
276.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
71 D	55.96	-1.9157E-04	127.0 174.7 167.8	185.2	UL-RL 5.4592E+04 -14.00 105.1 1.000 1.000
279.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
72 D	56.21	-1.9144E-04	128.9 173.8 169.9	184.3	UL-RL 5.4592E+04 -14.20 107.2 1.000 1.000
281.0	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.89	-1.9158E-04	130.9 175.2 171.9	185.6	UL-RL 5.4592E+04 -14.40 109.3 1.000 1.000
284.5	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.57	-1.9197E-04	132.8 176.5 174.0	187.0	UL-RL 5.4592E+04 -14.60 111.4 1.000 1.000
287.9	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.26	-1.9258E-04	134.8 177.8 176.0	188.3	UL-RL 5.4592E+04 -14.80 113.5 1.000 1.000
291.3	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.94	-1.9338E-04	136.8 179.1 178.1	189.6	UL-RL 5.4592E+04 -15.00 115.6 1.000 1.000
294.7	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.62	-1.9435E-04	138.7 180.4 180.2	191.0	UL-RL 5.4592E+04 -15.20 117.7 1.000 1.000
298.1	0.000	0.000	Limosabbiosol_237_225_L_0		



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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:47

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-8.41069E-11	8.41069E-11	-8.40927E-12	-4.90843E-11
2	8.43239E-11	-8.43239E-11	4.91078E-11	-5.53894E-11
3	-9.00648E-11	9.00648E-11	5.48894E-11	-9.11413E-11
4	0.35417	-0.35417	7.30247E-11	7.08343E-02
5	1.7591	-1.7591	-7.08343E-02	0.42266
6	4.1174	-4.1174	-0.42266	1.2461
7	7.3480	-7.3480	-1.2461	2.7157
8	11.385	-11.385	-2.7157	4.9927
9	11.385	-11.385	-4.9927	7.2698
10	11.385	-11.385	-7.2698	9.5468
11	11.469	-11.469	-9.5468	11.841
12	11.791	-11.791	-11.841	14.199
13	13.995	-13.995	-14.199	16.998
14	18.105	-18.105	-16.998	20.619
15	24.150	-24.150	-20.619	25.449
16	32.099	-32.099	-25.449	31.869
17	41.919	-41.919	-31.869	40.253
18	53.574	-53.574	-40.253	50.968
19	52.911	-52.911	-50.968	61.550
20	47.705	-47.705	-61.550	71.091
21	37.900	-37.900	-71.091	78.670
22	25.809	-25.809	-78.670	83.832
23	13.329	-13.329	-83.832	86.498
24	3.1614	-3.1614	-86.498	87.130
25	-5.1438	5.1438	-87.130	86.102
26	-11.918	11.918	-86.102	83.718
27	-16.657	16.657	-83.718	80.386
28	-20.214	20.214	-80.386	76.344
29	-22.784	22.784	-76.344	71.787
30	-24.524	24.524	-71.787	66.882
31	-25.569	25.569	-66.882	61.768
32	-26.036	26.036	-61.768	56.561
33	-26.027	26.027	-56.561	51.356
34	-25.631	25.631	-51.356	46.230
35	-24.928	24.928	-46.230	41.244
36	-23.985	23.985	-41.244	36.447
37	-22.863	22.863	-36.447	31.874
38	-21.616	21.616	-31.874	27.551
39	-20.288	20.288	-27.551	23.493
40	-18.921	18.921	-23.493	19.709
41	-17.547	17.547	-19.709	16.200
42	-16.198	16.198	-16.200	12.960
43	-14.897	14.897	-12.960	9.9809
44	-13.665	13.665	-9.9809	7.2478
45	-12.521	12.521	-7.2478	4.7437
46	-11.476	11.476	-4.7437	2.4484
47	-10.543	10.543	-2.4484	0.33980
48	-9.7294	9.7294	-0.33980	-1.6061
49	-9.0408	9.0408	1.6061	-3.4142
50	-8.4805	8.4805	3.4142	-5.1103
51	-8.0498	8.0498	5.1103	-6.7202
52	-6.3604	6.3604	6.7202	-7.9923
53	-4.8473	4.8473	7.9923	-8.9618
54	-3.5043	3.5043	8.9618	-9.6626
55	-2.3235	2.3235	9.6626	-10.127
56	-1.2961	1.2961	10.127	-10.387
57	-0.41250	0.41250	10.387	-10.469
58	0.33757	-0.33757	10.469	-10.402
59	0.96452	-0.96452	10.402	-10.209
60	1.4789	-1.4789	10.209	-9.9129
61	1.8912	-1.8912	9.9129	-9.5346
62	2.2116	-2.2116	9.5346	-9.0923
63	2.4500	-2.4500	9.0923	-8.6023
64	2.6158	-2.6158	8.6023	-8.0792
65	2.7183	-2.7183	8.0792	-7.5355
66	2.7646	-2.7646	7.5355	-6.9826
67	2.7628	-2.7628	6.9826	-6.4300
68	2.7203	-2.7203	6.4300	-5.8859

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69	2.6438	-2.6438	5.8859	-5.3572
70	2.5397	-2.5397	5.3572	-4.8492
71	2.4136	-2.4136	4.8492	-4.3665
72	2.3253	-2.3253	4.3665	-3.9014
73	2.2188	-2.2188	3.9014	-3.4577
74	2.0981	-2.0981	3.4577	-3.0381
75	1.9671	-1.9671	3.0381	-2.6446
76	1.8290	-1.8290	2.6446	-2.2788
77	1.6865	-1.6865	2.2788	-1.9415
78	1.5418	-1.5418	1.9415	-1.6332
79	1.3971	-1.3971	1.6332	-1.3538
80	1.2537	-1.2537	1.3538	-1.1030
81	1.1129	-1.1129	1.1030	-0.88043
82	0.97574	-0.97574	0.88043	-0.68528
83	0.84277	-0.84277	0.68528	-0.51673
84	0.71447	-0.71447	0.51673	-0.37383
85	0.59111	-0.59111	0.37383	-0.25561
86	0.47279	-0.47279	0.25561	-0.16105
87	0.35946	-0.35946	0.16105	-8.91634E-02
88	0.25098	-0.25098	8.91634E-02	-3.89675E-02
89	0.14714	-0.14714	3.89675E-02	-9.53716E-03
90	4.76858E-02	-4.76858E-02	9.53716E-03	7.21534E-13

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:47

New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
CURRENT TIME IS 2.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL FORCE d0 EDISPL pl. eps K -ve limit +ve limit

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4196E+06 RIMNOR=0.2006E+06  
RENORM=0.5831E+05 REMNOR=0.1261E-20 RATIO =0.3728 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 87.13  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4196E+06 RDR =0.2006E+06  
RATIOT=0.3728 RATIO= 0.000  
MAX UN=0.1312E-01 IEQ= 23 NODE 12 DOF 1 Y-DISPL.F  
MIN UN=-241.5 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4196E+06 RIMNOR=0.2006E+06  
RENORM= 201.1 REMNOR=0.7903E-20 RATIO =0.2189E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 87.13  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4196E+06 RDR =0.2006E+06  
RATIOT=0.2189E-01 RATIO= 0.000  
MAX UN=0.3758E-09 IEQ= 7 NODE 4 DOF 1 Y-DISPL.F  
MIN UN=-4.375 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4196E+06 RIMNOR=0.2006E+06  
RENORM=0.1234 REMNOR=0.2742E-20 RATIO =0.5424E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 241.5 RMMAX = 87.13  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4196E+06 RDR =0.2006E+06  
RATIOT=0.5424E-03 RATIO= 0.000  
MAX UN=0.1495E-09 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
MIN UN=-.2087 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.4196E+06 RIMNOR=0.2006E+06  
RENORM=0.7809E-05 REMNOR=0.3484E-21 RATIO =0.4314E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 241.5 RMMAX = 87.13  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
RDT =0.4196E+06 RDR =0.2006E+06  
RATIOT=0.4314E-05 RATIO= 0.000  
MAX UN=0.8522E-10 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
MIN UN=-.1131E-02 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
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SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	2.5366898E-04	-3.6282356E-04
2	1.8110640E-04	-3.6279156E-04
3	1.0856199E-04	-3.6261514E-04
4	3.6081531E-05	-3.6212096E-04
5	-3.6251685E-05	-3.6110611E-04
6	-1.0830948E-04	-3.5931972E-04
7	-1.7990753E-04	-3.5645270E-04
8	-2.5079447E-04	-3.5214435E-04
9	-3.2064200E-04	-3.4598699E-04
10	-3.8902560E-04	-3.3737462E-04
11	-4.5537525E-04	-3.2551334E-04
12	-5.1895981E-04	-3.0958526E-04
13	-5.7888203E-04	-2.8874724E-04
14	-6.3407211E-04	-2.6211020E-04
15	-6.8327582E-04	-2.2871882E-04
16	-7.2504118E-04	-1.8755056E-04
17	-7.5821382E-04	-1.4514899E-04
18	-7.8345063E-04	-1.0799519E-04
19	-8.0168108E-04	-7.4879040E-05
20	-8.1360287E-04	-4.4772370E-05
21	-8.1974853E-04	-1.7043310E-05
22	-8.2056143E-04	8.5672821E-06
23	-8.1646541E-04	3.2021108E-05
24	-8.0790928E-04	5.3131245E-05
25	-7.9538098E-04	7.1720812E-05
26	-7.7939532E-04	8.7694893E-05
27	-7.6047977E-04	1.0101776E-04
28	-7.3915979E-04	1.1176696E-04
29	-7.1593288E-04	1.2011953E-04
30	-6.9125890E-04	1.2627006E-04
31	-6.6555806E-04	1.3042259E-04
32	-6.3920923E-04	1.3278467E-04
33	-6.1254980E-04	1.3356263E-04
34	-5.8587636E-04	1.3295787E-04
35	-5.5944605E-04	1.3116418E-04
36	-5.3347781E-04	1.2836556E-04
37	-5.0815530E-04	1.2473478E-04
38	-4.8362868E-04	1.2043235E-04
39	-4.6001730E-04	1.1560578E-04
40	-4.3741247E-04	1.1038929E-04
41	-4.1587965E-04	1.0490361E-04
42	-3.9546181E-04	9.9256140E-05
43	-3.7618169E-04	9.3541178E-05
44	-3.5804456E-04	8.7837890E-05
45	-3.4104171E-04	8.2208235E-05
46	-3.2515342E-04	7.6697659E-05
47	-3.1035266E-04	7.1336847E-05
48	-2.9660754E-04	6.6143095E-05
49	-2.8388393E-04	6.1121729E-05
50	-2.7214777E-04	5.6267421E-05
51	-2.6136688E-04	5.1565289E-05
52	-2.5151325E-04	4.6992225E-05
53	-2.4256128E-04	4.2552801E-05
54	-2.3448105E-04	3.8279515E-05
55	-2.2723676E-04	3.4196827E-05
56	-2.2078844E-04	3.0322352E-05
57	-2.1509316E-04	2.6667844E-05
58	-2.1010618E-04	2.3240094E-05
59	-2.0578183E-04	2.0041728E-05
60	-2.0207425E-04	1.7071913E-05
61	-1.9893807E-04	1.4326992E-05
62	-1.9632886E-04	1.1801024E-05
63	-1.9420358E-04	9.4862744E-06
64	-1.9252088E-04	7.3736204E-06
65	-1.9124134E-04	5.4529166E-06
66	-1.9032764E-04	3.7133011E-06
67	-1.8974470E-04	2.1434296E-06
68	-1.8945973E-04	7.3167021E-07
69	-1.8944227E-04	-5.3370399E-07
70	-1.8966423E-04	-1.6643497E-06
71	-1.9009979E-04	-2.6717158E-06
72	-1.9072544E-04	-3.5669311E-06

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73 -1.9151969E-04 -4.3589753E-06  
74 -1.9246261E-04 -5.0548165E-06  
75 -1.9353566E-04 -5.6613845E-06  
76 -1.9472168E-04 -6.1855917E-06  
77 -1.9600487E-04 -6.6343209E-06  
78 -1.9737083E-04 -7.0144032E-06  
79 -1.9880650E-04 -7.3325412E-06  
80 -2.0030015E-04 -7.5952468E-06  
81 -2.0184132E-04 -7.8087934E-06  
82 -2.0342079E-04 -7.9791803E-06  
83 -2.0503050E-04 -8.1121076E-06  
84 -2.0666349E-04 -8.2129615E-06  
85 -2.0831388E-04 -8.2868063E-06  
86 -2.0997673E-04 -8.3383849E-06  
87 -2.1164804E-04 -8.3721239E-06  
88 -2.1332467E-04 -8.3921431E-06  
89 -2.1500424E-04 -8.4022700E-06  
90 -2.1668524E-04 -8.4060548E-06  
91 -2.1836654E-04 -8.4067886E-06









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33 D	27.52	-6.1255E-04	38.11 112.4 75.08	137.0	UL-RL 4.0171E+04 -6.400 25.22 1.000 1.000
137.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.22	-5.8588E-04	40.45 113.8 77.52	137.3	UL-RL 4.0171E+04 -6.600 27.32 1.000 1.000
141.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	28.94	-5.5945E-04	42.79 115.3 79.96	137.8	UL-RL 4.0171E+04 -6.800 29.42 1.000 1.000
144.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	29.69	-5.3348E-04	45.12 116.9 82.40	138.4	UL-RL 4.0171E+04 -7.000 31.53 1.000 1.000
148.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	30.45	-5.0816E-04	47.46 118.6 84.84	139.1	UL-RL 4.0171E+04 -7.200 33.63 1.000 1.000
152.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.23	-4.8363E-04	49.80 120.4 87.28	139.9	UL-RL 4.0171E+04 -7.400 35.73 1.000 1.000
156.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.02	-4.6002E-04	52.14 122.2 89.72	140.7	UL-RL 4.0171E+04 -7.600 37.83 1.000 1.000
160.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	32.81	-4.3741E-04	54.48 124.1 92.16	141.7	UL-RL 4.0171E+04 -7.800 39.93 1.000 1.000
164.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	33.60	-4.1588E-04	56.82 126.0 94.60	142.7	UL-RL 4.0171E+04 -8.000 42.03 1.000 1.000
168.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.40	-3.9546E-04	59.15 127.9 97.04	143.7	UL-RL 4.0171E+04 -8.200 44.14 1.000 1.000
172.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.20	-3.7618E-04	61.49 129.7 99.48	144.9	UL-RL 4.0171E+04 -8.400 46.24 1.000 1.000
176.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	35.99	-3.5804E-04	63.83 131.6 101.9	146.0	UL-RL 4.0171E+04 -8.600 48.34 1.000 1.000
180.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	36.79	-3.4104E-04	66.17 133.5 104.4	147.2	UL-RL 4.0171E+04 -8.800 50.44 1.000 1.000
183.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.58	-3.2515E-04	68.51 135.4 106.8	148.4	UL-RL 4.0171E+04 -9.000 52.54 1.000 1.000
187.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.37	-3.1035E-04	70.85 137.2 109.2	149.7	UL-RL 4.0171E+04 -9.200 54.64 1.000 1.000
191.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.16	-2.9661E-04	73.18 139.1 111.7	151.0	UL-RL 4.0171E+04 -9.400 56.75 1.000 1.000
195.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	39.95	-2.8388E-04	75.52 140.9 114.1	152.3	UL-RL 4.0171E+04 -9.600 58.85 1.000 1.000
199.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	40.73	-2.7215E-04	77.86 142.7 116.6	153.6	UL-RL 4.0171E+04 -9.800 60.95 1.000 1.000
203.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	41.51	-2.6137E-04	80.20 144.5 119.0	155.0	UL-RL 4.0171E+04 -10.00 63.05 1.000 1.000
207.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
52 D	41.56	-2.5151E-04	82.54 142.7 121.4	156.4	UL-RL 5.4592E+04 -10.20 65.15 1.000 1.000
207.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
53 D	42.36	-2.4256E-04	84.88 144.5 123.9	157.8	UL-RL 5.4592E+04 -10.40 67.25 1.000 1.000
211.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
54 D	43.15	-2.3448E-04	87.21 146.4 126.3	159.2	UL-RL 5.4592E+04 -10.60 69.36 1.000 1.000
215.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
55 D	43.94	-2.2724E-04	89.55 148.2 128.8	160.6	UL-RL 5.4592E+04 -10.80 71.46 1.000 1.000
219.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
56 D	44.72	-2.2079E-04	91.89 150.0 131.2	162.1	UL-RL 5.4592E+04 -11.00 73.56 1.000 1.000
223.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
57 D	45.49	-2.1509E-04	94.23 151.8 133.6	163.6	UL-RL 5.4592E+04 -11.20 75.66 1.000 1.000
227.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
58 D	46.26	-2.1011E-04	96.57 153.6 136.1	165.0	UL-RL 5.4592E+04 -11.40 77.76 1.000 1.000
231.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
59 D	47.03	-2.0578E-04	98.91 155.3 138.5	166.5	UL-RL 5.4592E+04 -11.60 79.86 1.000 1.000
235.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
60 D	47.79	-2.0207E-04	101.2 157.0 141.0	168.0	UL-RL 5.4592E+04 -11.80 81.97 1.000 1.000
239.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
61 D	48.55	-1.9894E-04	103.6 158.7 143.4	169.5	UL-RL 5.4592E+04 -12.00 84.07 1.000 1.000
242.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
62 D	49.30	-1.9633E-04	105.9 160.3 145.8	171.1	UL-RL 5.4592E+04 -12.20 86.17 1.000 1.000
246.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
63 D	50.05	-1.9420E-04	108.3 162.0 148.3	172.6	UL-RL 5.4592E+04 -12.40 88.27 1.000 1.000
250.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
64 D	50.80	-1.9252E-04	110.6 163.6 150.7	174.1	UL-RL 5.4592E+04 -12.60 90.37 1.000 1.000
254.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
65 D	51.55	-1.9124E-04	112.9 165.3 153.2	175.7	UL-RL 5.4592E+04 -12.80 92.47 1.000 1.000
257.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
66 D	52.29	-1.9033E-04	115.3 166.9 155.6	177.3	UL-RL 5.4592E+04 -13.00 94.58 1.000 1.000
261.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
67 D	53.03	-1.8974E-04	117.6 168.5 158.0	178.8	UL-RL 5.4592E+04 -13.20 96.68 1.000 1.000
265.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
68 D	53.77	-1.8946E-04	120.0 170.1 160.5	180.4	UL-RL 5.4592E+04 -13.40 98.78 1.000 1.000
268.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
69 D	54.51	-1.8944E-04	122.3 171.6 162.9	182.0	UL-RL 5.4592E+04 -13.60 100.9 1.000 1.000
272.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
70 D	55.24	-1.8966E-04	124.6 173.2 165.4	183.6	UL-RL 5.4592E+04 -13.80 103.0 1.000 1.000
276.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
71 D	55.98	-1.9010E-04	127.0 174.8 167.8	185.2	UL-RL 5.4592E+04 -14.00 105.1 1.000 1.000
279.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
72 D	56.21	-1.9073E-04	128.9 173.9 169.9	184.3	UL-RL 5.4592E+04 -14.20 107.2 1.000 1.000
281.1	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.89	-1.9152E-04	130.9 175.2 171.9	185.6	UL-RL 5.4592E+04 -14.40 109.3 1.000 1.000
284.5	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.57	-1.9246E-04	132.8 176.5 174.0	187.0	UL-RL 5.4592E+04 -14.60 111.4 1.000 1.000
287.8	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.25	-1.9354E-04	134.8 177.7 176.0	188.3	UL-RL 5.4592E+04 -14.80 113.5 1.000 1.000
291.2	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.92	-1.9472E-04	136.8 179.0 178.1	189.6	UL-RL 5.4592E+04 -15.00 115.6 1.000 1.000
294.6	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.60	-1.9600E-04	138.7 180.3 180.2	191.0	UL-RL 5.4592E+04 -15.20 117.7 1.000 1.000
298.0	0.000	0.000	Limosabbiosol_237_225_L_0		





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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:47

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.0127	-1.0127	-1.47438E-12	0.20254
2	3.5564	-3.5564	-0.20254	0.91381
3	6.4982	-6.4982	-0.91381	2.2134
4	9.9756	-9.9756	-2.2134	4.2086
5	14.436	-14.436	-4.2086	7.0959
6	19.755	-19.755	-7.0959	11.047
7	25.850	-25.850	-11.047	16.217
8	32.654	-32.654	-16.217	22.747
9	45.024	-45.024	-22.747	31.752
10	57.772	-57.772	-31.752	43.307
11	70.903	-70.903	-43.307	57.487
12	84.449	-84.449	-57.487	74.377
13	99.034	-99.034	-74.377	94.184
14	114.68	-114.68	-94.184	117.12
15	131.39	-131.39	-117.12	143.40
16	-92.365	92.365	-143.40	124.92
17	-73.676	73.676	-124.92	110.19
18	-54.077	54.077	-110.19	99.373
19	-41.144	41.144	-99.373	91.144
20	-34.084	34.084	-91.144	84.327
21	-32.945	32.945	-84.327	77.738
22	-35.296	35.296	-77.738	70.679
23	-38.856	38.856	-70.679	62.908
24	-40.899	40.899	-62.908	54.728
25	-41.856	41.856	-54.728	46.357
26	-42.030	42.030	-46.357	37.951
27	-39.402	39.402	-37.951	30.071
28	-36.427	36.427	-30.071	22.785
29	-33.247	33.247	-22.785	16.136
30	-29.970	29.970	-16.136	10.142
31	-26.680	26.680	-10.142	4.8057
32	-23.442	23.442	-4.8057	0.11724
33	-20.307	20.307	-0.11724	-3.9442
34	-17.312	17.312	3.9442	-7.4065
35	-14.484	14.484	7.4065	-10.303
36	-11.845	11.845	10.303	-12.672
37	-9.4066	9.4066	12.672	-14.554
38	-7.1773	7.1773	14.554	-15.989
39	-5.1605	5.1605	15.989	-17.021
40	-3.3564	3.3564	17.021	-17.693
41	-1.7623	1.7623	17.693	-18.045
42	-0.37332	0.37332	18.045	-18.120
43	0.74273	-0.74273	18.120	-17.971
44	1.5861	-1.5861	17.971	-17.654
45	2.1825	-2.1825	17.654	-17.217
46	2.5561	-2.5561	17.217	-16.706
47	2.7297	-2.7297	16.706	-16.160
48	2.7246	-2.7246	16.160	-15.615
49	2.5604	-2.5604	15.615	-15.103
50	2.2552	-2.2552	15.103	-14.652
51	1.8257	-1.8257	14.652	-14.287
52	2.4057	-2.4057	14.287	-13.806
53	2.8510	-2.8510	13.806	-13.236
54	3.1797	-3.1797	13.236	-12.600
55	3.4082	-3.4082	12.600	-11.918
56	3.5516	-3.5516	11.918	-11.208
57	3.6231	-3.6231	11.208	-10.483
58	3.6347	-3.6347	10.483	-9.7563
59	3.5968	-3.5968	9.7563	-9.0369
60	3.5189	-3.5189	9.0369	-8.3331
61	3.4089	-3.4089	8.3331	-7.6514
62	3.2741	-3.2741	7.6514	-6.9965
63	3.1203	-3.1203	6.9965	-6.3725
64	2.9530	-2.9530	6.3725	-5.7819
65	2.7767	-2.7767	5.7819	-5.2265
66	2.5941	-2.5941	5.2265	-4.7077
67	2.4086	-2.4086	4.7077	-4.2260
68	2.2231	-2.2231	4.2260	-3.7814

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69	2.0398	-2.0398	3.7814	-3.3734
70	1.8608	-1.8608	3.3734	-3.0013
71	1.6877	-1.6877	3.0013	-2.6637
72	1.5767	-1.5767	2.6637	-2.3484
73	1.4672	-1.4672	2.3484	-2.0549
74	1.3574	-1.3574	2.0549	-1.7835
75	1.2485	-1.2485	1.7835	-1.5338
76	1.1397	-1.1397	1.5338	-1.3058
77	1.0323	-1.0323	1.3058	-1.0994
78	0.92760	-0.92760	1.0994	-0.91384
79	0.82630	-0.82630	0.91384	-0.74858
80	0.72911	-0.72911	0.74858	-0.60276
81	0.63648	-0.63648	0.60276	-0.47546
82	0.54875	-0.54875	0.47546	-0.36571
83	0.46607	-0.46607	0.36571	-0.27250
84	0.38850	-0.38850	0.27250	-0.19480
85	0.31601	-0.31601	0.19480	-0.13160
86	0.24845	-0.24845	0.13160	-8.19062E-02
87	0.18565	-0.18565	8.19062E-02	-4.47772E-02
88	0.12736	-0.12736	4.47772E-02	-1.93062E-02
89	7.33095E-02	-7.33095E-02	1.93062E-02	-4.64353E-03
90	2.32177E-02	-2.32177E-02	4.64353E-03	1.62206E-12



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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
 Exe Time : 8 June 2018 11:15:47  
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 3.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	250.00	-1.15283E-03	-1.15283E-03	0.0000	0.0000	0.0000	0.0000	BORN NOW JUST ACTIVATED

ITER 0 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.6578E+06 RIMNOR=0.2763E+06  
 RENORM=0.5864E+05 REMNOR=0.3484E-21 RATIO =0.2986 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 143.4  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.6578E+06 RDR =0.2763E+06  
 RATIO=0.2986 RATOR= 0.000  
 MAX UN= 35.65 IEQ= 95 NODE 48 DOF 1 Y-DISPL.F  
 MIN UN=-45.83 IEQ= 127 NODE 64 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.6578E+06 RIMNOR=0.2763E+06  
 RENORM=0.6939E-02 REMNOR=0.2837E-18 RATIO =0.1027E-03 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 143.4  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.6578E+06 RDR =0.2763E+06  
 RATIO=0.1027E-03 RATOR= 0.000  
 MAX UN=0.1586E-08 IEQ= 159 NODE 80 DOF 1 Y-DISPL.F  
 MIN UN=-.5312E-01 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.6578E+06 RIMNOR=0.2763E+06  
 RENORM=0.4283E-06 REMNOR=0.3197E-19 RATIO =0.8070E-06 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 241.5 RMMAX = 143.4  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.6578E+06 RDR =0.2763E+06  
 RATIO=0.8070E-06 RATOR= 0.000  
 MAX UN=0.3824E-03 IEQ= 101 NODE 51 DOF 1 Y-DISPL.F  
 MIN UN=-.1613E-03 IEQ= 179 NODE 90 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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Exe Time : 8 June 2018 11:15:48

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 4 ( AT TIME 4.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	-5.7097471E-05	4.3519450E-04
2	2.9943727E-05	4.3522897E-04
3	1.1700424E-04	4.3541521E-04
4	2.0413163E-04	4.3592877E-04
5	2.9141079E-04	4.3696803E-04
6	3.7896978E-04	4.3877127E-04
7	4.6698945E-04	4.4162680E-04
8	5.5571277E-04	4.4586645E-04
9	6.4545302E-04	4.5186088E-04
10	7.3660293E-04	4.6004246E-04
11	8.2964664E-04	4.7087358E-04
12	9.2515806E-04	4.8479013E-04
13	1.0237958E-03	5.0220273E-04
14	1.1262993E-03	5.2351761E-04
15	1.2334910E-03	5.4915528E-04
16	1.3462784E-03	5.7954804E-04
17	1.4651311E-03	6.0725368E-04
18	1.5885050E-03	6.2483641E-04
19	1.7144209E-03	6.3274814E-04
20	1.8409898E-03	6.3144299E-04
21	1.9664140E-03	6.2137619E-04
22	2.0889866E-03	6.0300365E-04
23	2.2070922E-03	5.7678214E-04
24	2.3192062E-03	5.4317026E-04
25	2.4238978E-03	5.0262902E-04
26	2.5198269E-03	4.5562470E-04
27	2.6057483E-03	4.0263048E-04
28	2.6805051E-03	3.4402567E-04
29	2.7430033E-03	2.8009666E-04
30	2.7922083E-03	2.1114077E-04
31	2.8271455E-03	1.3747308E-04
32	2.8469059E-03	5.9430505E-05
33	2.8506504E-03	-2.2622138E-05
34	2.8376163E-03	-1.0828607E-04
35	2.8071247E-03	-1.9712166E-04
36	2.7585887E-03	-2.8864352E-04
37	2.6915242E-03	-3.8231083E-04
38	2.6055614E-03	-4.7752192E-04
39	2.5004572E-03	-5.7360638E-04
40	2.3761111E-03	-6.6981710E-04
41	2.2325779E-03	-7.6532455E-04
42	2.0700896E-03	-8.5920634E-04
43	1.8890718E-03	-9.5044152E-04
44	1.6901645E-03	-1.0379050E-03
45	1.4742447E-03	-1.1203608E-03
46	1.2424455E-03	-1.1964529E-03
47	9.9618703E-04	-1.2646932E-03
48	7.3719997E-04	-1.3234567E-03
49	4.6755408E-04	-1.3709744E-03
50	1.8963619E-04	-1.4061233E-03
51	-9.4050760E-05	-1.4286257E-03
52	-3.8096335E-04	-1.4384532E-03
53	-6.6860694E-04	-1.4359901E-03
54	-9.5458605E-04	-1.4219270E-03
55	-1.2366532E-03	-1.3969957E-03
56	-1.5127113E-03	-1.3619692E-03
57	-1.7808223E-03	-1.3176645E-03
58	-2.0392162E-03	-1.2649454E-03
59	-2.2863006E-03	-1.2047272E-03
60	-2.5206718E-03	-1.1379811E-03
61	-2.7411267E-03	-1.0657410E-03
62	-2.9466755E-03	-9.8910917E-04
63	-3.1365562E-03	-9.0926390E-04
64	-3.3102509E-03	-8.2746684E-04
65	-3.4675022E-03	-7.4505912E-04
66	-3.6083183E-03	-6.6330738E-04
67	-3.7329394E-03	-5.8326899E-04
68	-3.8417981E-03	-5.0581379E-04
69	-3.9354839E-03	-4.3164383E-04
70	-4.0147114E-03	-3.6131105E-04
71	-4.0802920E-03	-2.9523353E-04
72	-4.1331085E-03	-2.3371012E-04

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73	-4.1740919E-03	-1.7692474E-04
74	-4.2042000E-03	-1.2496478E-04
75	-4.2244006E-03	-7.7846802E-05
76	-4.2356585E-03	-3.5525109E-05
77	-4.2389238E-03	2.1004811E-06
78	-4.2351216E-03	3.5177617E-05
79	-4.2251433E-03	6.3895160E-05
80	-4.2098392E-03	8.8477572E-05
81	-4.1900110E-03	1.0917992E-04
82	-4.1664071E-03	1.2628343E-04
83	-4.1397173E-03	1.4009161E-04
84	-4.1105687E-03	1.5092679E-04
85	-4.0795222E-03	1.5912717E-04
86	-4.0470700E-03	1.6504424E-04
87	-4.0136326E-03	1.6904056E-04
88	-3.9795571E-03	1.7148785E-04
89	-3.9451154E-03	1.7276535E-04
90	-3.9105015E-03	1.7325846E-04
91	-3.8758366E-03	1.7335740E-04



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33 D	6.602	-2.8507E-03	159.1 33.01 159.1	141.8	UL-RL 3.1422E+04 -6.400 0.000 1.000 1.000
33.01	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	7.293	-2.8376E-03	163.4 36.47 163.4	144.0	UL-RL 3.1422E+04 -6.600 0.000 1.000 1.000
36.47	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	8.093	-2.8071E-03	168.6 40.46 168.6	146.2	UL-RL 3.1422E+04 -6.800 0.000 1.000 1.000
40.46	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	9.005	-2.7586E-03	173.2 45.02 173.2	148.5	UL-RL 3.1422E+04 -7.000 0.000 1.000 1.000
45.02	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	10.03	-2.6915E-03	178.0 50.16 178.0	150.7	UL-RL 3.1422E+04 -7.200 0.000 1.000 1.000
50.16	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	11.18	-2.6056E-03	182.6 55.89 182.6	153.0	UL-RL 3.1422E+04 -7.400 0.000 1.000 1.000
55.89	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	12.44	-2.5005E-03	187.6 62.22 187.6	155.3	UL-RL 3.1422E+04 -7.600 0.000 1.000 1.000
62.22	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	13.83	-2.3761E-03	192.2 69.16 192.2	157.6	UL-RL 3.1422E+04 -7.800 0.000 1.000 1.000
69.16	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.34	-2.2326E-03	196.8 76.69 196.8	159.9	UL-RL 3.1422E+04 -8.000 0.000 1.000 1.000
76.69	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	16.96	-2.0701E-03	201.4 84.82 201.4	162.3	UL-RL 3.1422E+04 -8.200 0.000 1.000 1.000
84.82	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	18.63	-1.8891E-03	206.3 93.17 206.3	164.3	UL-RL 3.1422E+04 -8.400 0.000 1.000 1.000
93.17	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	20.46	-1.6902E-03	209.7 101.4 209.7	165.8	UL-RL 3.1422E+04 -8.600 0.9142 1.000 1.000
102.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	22.47	-1.4742E-03	212.9 109.6 212.9	166.7	UL-RL 3.1422E+04 -8.800 2.743 1.000 1.000
112.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	24.60	-1.2424E-03	215.8 118.4 215.8	167.7	UL-RL 3.1422E+04 -9.000 4.571 1.000 1.000
123.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	26.82	-9.9619E-04	219.0 127.7 219.0	168.8	UL-RL 3.1422E+04 -9.200 6.400 1.000 1.000
134.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	29.14	-7.3720E-04	221.5 137.5 221.5	170.0	UL-RL 3.1422E+04 -9.400 8.229 1.000 1.000
145.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	31.54	-4.6755E-04	224.6 147.7 224.6	171.3	UL-RL 3.1422E+04 -9.600 10.06 1.000 1.000
157.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	34.00	-1.8964E-04	227.4 158.1 227.4	172.6	UL-RL 3.1422E+04 -9.800 11.89 1.000 1.000
170.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	36.50	9.4051E-05	230.2 168.8 230.2	174.1	UL-RL 3.1422E+04 -10.00 13.71 1.000 1.000
182.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
52 D	39.03	3.8096E-04	233.0 179.6 233.0	179.6	V-C 1.6355E+04 -10.20 15.54 1.000 1.000
195.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
53 D	40.66	6.6861E-04	236.1 186.0 236.1	186.0	V-C 1.6355E+04 -10.40 17.37 1.000 1.000
203.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
54 D	42.30	9.5459E-04	238.6 192.3 238.6	192.3	V-C 1.6355E+04 -10.60 19.20 1.000 1.000
211.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
55 D	43.93	1.2367E-03	241.7 198.6 241.7	198.6	V-C 1.6355E+04 -10.80 21.03 1.000 1.000
219.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
56 D	45.54	1.5127E-03	244.4 204.9 244.4	204.9	V-C 1.6355E+04 -11.00 22.86 1.000 1.000
227.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
57 D	47.14	1.7808E-03	247.5 211.0 247.5	211.0	V-C 1.6355E+04 -11.20 24.69 1.000 1.000
235.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
58 D	48.71	2.0392E-03	249.9 217.0 249.9	217.0	V-C 1.6355E+04 -11.40 26.51 1.000 1.000
243.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
59 D	50.24	2.2863E-03	253.0 222.9 253.0	222.9	V-C 1.6355E+04 -11.60 28.34 1.000 1.000
251.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
60 D	51.74	2.5207E-03	255.7 228.5 255.7	228.5	V-C 1.6355E+04 -11.80 30.17 1.000 1.000
258.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
61 D	53.19	2.7411E-03	258.4 234.0 258.4	234.0	V-C 1.6355E+04 -12.00 32.00 1.000 1.000
266.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
62 D	54.60	2.9467E-03	261.2 239.2 261.2	239.2	V-C 1.6355E+04 -12.20 33.83 1.000 1.000
273.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
63 D	55.96	3.1366E-03	264.1 244.1 264.1	244.1	V-C 1.6355E+04 -12.40 35.66 1.000 1.000
279.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
64 D	57.26	3.3103E-03	266.6 248.8 266.6	248.8	V-C 1.6355E+04 -12.60 37.49 1.000 1.000
286.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
65 D	58.51	3.4675E-03	269.6 253.2 269.6	253.2	V-C 1.6355E+04 -12.80 39.31 1.000 1.000
292.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
66 D	59.71	3.6083E-03	272.3 257.4 272.3	257.4	V-C 1.6355E+04 -13.00 41.14 1.000 1.000
298.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
67 D	60.85	3.7329E-03	275.2 261.3 275.2	261.3	V-C 1.6355E+04 -13.20 42.97 1.000 1.000
304.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
68 D	61.95	3.8418E-03	277.7 264.9 277.7	264.9	V-C 1.6355E+04 -13.40 44.80 1.000 1.000
309.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
69 D	62.99	3.9355E-03	280.6 268.3 280.6	268.3	V-C 1.6355E+04 -13.60 46.63 1.000 1.000
314.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
70 D	63.99	4.0147E-03	283.3 271.5 283.3	271.5	V-C 1.6355E+04 -13.80 48.46 1.000 1.000
319.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
71 D	64.94	4.0803E-03	286.0 274.4 286.0	274.4	V-C 1.6355E+04 -14.00 50.29 1.000 1.000
324.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
72 D	65.29	4.1331E-03	288.3 274.4 288.3	274.4	V-C 1.6355E+04 -14.20 52.11 1.000 1.000
326.5	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	66.10	4.1741E-03	290.8 276.6 290.8	276.6	V-C 1.6355E+04 -14.40 53.94 1.000 1.000
330.5	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	66.87	4.2042E-03	292.9 278.6 292.9	278.6	V-C 1.6355E+04 -14.60 55.77 1.000 1.000
334.3	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	67.61	4.2244E-03	295.4 280.4 295.4	280.4	V-C 1.6355E+04 -14.80 57.60 1.000 1.000
338.0	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	68.31	4.2357E-03	297.7 282.1 297.7	282.1	V-C 1.6355E+04 -15.00 59.43 1.000 1.000
341.6	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	68.99	4.2389E-03	300.1 283.7 300.1	283.7	V-C 1.6355E+04 -15.20 61.26 1.000 1.000
345.0	0.000	0.000	Limosabbiosol_237_225_L_0		







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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:48

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
CURRENT TIME IS 4.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



GENERAL CONTRACTOR



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78 D	66.36	-4.2351E-03	69.29 273.2 182.2	363.9	UL-RL 2.2479E+04 -15.40 58.63 1.000 1.000
331.8	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	66.48	-4.2251E-03	71.18 271.6 184.3	362.1	UL-RL 2.2479E+04 -15.60 60.80 1.000 1.000
332.4	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	66.65	-4.2098E-03	73.07 270.3 186.3	360.4	UL-RL 2.2479E+04 -15.80 62.97 1.000 1.000
333.3	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	66.88	-4.1900E-03	74.96 269.3 188.4	358.9	UL-RL 2.2479E+04 -16.00 65.14 1.000 1.000
334.4	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	67.15	-4.1664E-03	76.85 268.5 190.5	357.5	UL-RL 2.2479E+04 -16.20 67.31 1.000 1.000
335.8	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	67.47	-4.1397E-03	78.73 267.9 192.5	356.3	UL-RL 2.2479E+04 -16.40 69.49 1.000 1.000
337.3	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	67.82	-4.1106E-03	80.62 267.4 194.6	355.2	UL-RL 2.2479E+04 -16.60 71.66 1.000 1.000
339.1	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	68.20	-4.0795E-03	82.51 267.2 196.6	354.2	UL-RL 2.2479E+04 -16.80 73.83 1.000 1.000
341.0	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	68.61	-4.0471E-03	84.40 267.1 198.7	353.3	UL-RL 2.2479E+04 -17.00 76.00 1.000 1.000
343.1	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	69.05	-4.0136E-03	86.29 267.1 200.8	352.5	UL-RL 2.2479E+04 -17.20 78.17 1.000 1.000
345.2	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	69.50	-3.9796E-03	88.18 267.2 202.8	351.8	UL-RL 2.2479E+04 -17.40 80.34 1.000 1.000
347.5	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	69.98	-3.9451E-03	90.07 267.4 204.9	351.2	UL-RL 2.2479E+04 -17.60 82.51 1.000 1.000
349.9	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	70.48	-3.9105E-03	91.95 267.7 206.9	350.7	UL-RL 2.2479E+04 -17.80 84.69 1.000 1.000
352.4	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	35.49	-3.8758E-03	93.84 268.1 209.0	350.3	UL-RL 2.2479E+04 -18.00 86.86 1.000 1.000
354.9	0.000	0.000	Limosabbiosol_237_225_L_0		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 4.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.0909	-1.0909	4.76064E-13	0.21819
2	3.7107	-3.7107	-0.21819	0.96034
3	6.6458	-6.6458	-0.96034	2.2895
4	9.9878	-9.9878	-2.2895	4.2870
5	14.185	-14.185	-4.2870	7.1240
6	19.110	-19.110	-7.1240	10.946
7	24.684	-24.684	-10.946	15.883
8	30.838	-30.838	-15.883	22.050
9	38.364	-38.364	-22.050	29.723
10	45.468	-45.468	-29.723	38.817
11	52.156	-52.156	-38.817	49.248
12	58.461	-58.461	-49.248	60.940
13	65.009	-65.009	-60.940	73.942
14	71.765	-71.765	-73.942	88.295
15	78.688	-78.688	-88.295	104.03
16	-163.71	163.71	-104.03	71.291
17	-156.58	156.58	-71.291	39.974
18	-149.41	149.41	-39.974	10.092
19	-142.21	142.21	-10.092	-18.351
20	-135.01	135.01	18.351	-45.352
21	-127.79	127.79	45.352	-70.910
22	-120.55	120.55	70.910	-95.021
23	-113.29	113.29	95.021	-117.68
24	-105.96	105.96	117.68	-138.87
25	-98.537	98.537	138.87	-158.58
26	-90.985	90.985	158.58	-176.77
27	-86.536	86.536	176.77	-194.08
28	-81.935	81.935	194.08	-210.47
29	-77.108	77.108	210.47	-225.89
30	-71.975	71.975	225.89	-240.28
31	-66.448	66.448	240.28	-253.57
32	-60.432	60.432	253.57	-265.66
33	-53.830	53.830	265.66	-276.43
34	-46.537	46.537	276.43	-285.73
35	-38.444	38.444	285.73	-293.42
36	-29.439	29.439	293.42	-299.31
37	-19.406	19.406	299.31	-303.19
38	-8.2274	8.2274	303.19	-304.84
39	4.2175	-4.2175	304.84	-303.99
40	18.049	-18.049	303.99	-300.38
41	33.388	-33.388	300.38	-293.71
42	50.352	-50.352	293.71	-283.64
43	68.985	-68.985	283.64	-269.84
44	89.447	-89.447	269.84	-251.95
45	111.92	-111.92	251.95	-229.57
46	136.51	-136.51	229.57	-202.26
47	163.34	-163.34	202.26	-169.60
48	192.48	-192.48	169.60	-131.10
49	198.87	-198.87	131.10	-91.326
50	201.28	-201.28	91.326	-51.070
51	199.75	-199.75	51.070	-11.120
52	189.14	-189.14	11.120	26.707
53	177.89	-177.89	-26.707	62.285
54	165.99	-165.99	-62.285	95.483
55	153.42	-153.42	-95.483	126.17
56	140.14	-140.14	-126.17	154.20
57	126.09	-126.09	-154.20	179.41
58	111.19	-111.19	-179.41	201.65
59	95.352	-95.352	-201.65	220.72
60	78.483	-78.483	-220.72	236.42
61	60.472	-60.472	-236.42	248.51
62	41.203	-41.203	-248.51	256.75
63	20.553	-20.553	-256.75	260.86
64	-1.2316	1.2316	-260.86	260.62
65	-19.524	19.524	-260.62	256.71
66	-34.687	34.687	-256.71	249.78
67	-47.047	47.047	-249.78	240.37
68	-56.899	56.899	-240.37	228.99

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69	-64.511	64.511	-228.99	216.08
70	-70.127	70.127	-216.08	202.06
71	-73.967	73.967	-202.06	187.27
72	-75.946	75.946	-187.27	172.08
73	-76.732	76.732	-172.08	156.73
74	-76.470	76.470	-156.73	141.44
75	-75.286	75.286	-141.44	126.38
76	-73.300	73.300	-126.38	111.72
77	-70.615	70.615	-111.72	97.596
78	-67.324	67.324	-97.596	84.131
79	-63.513	63.513	-84.131	71.428
80	-59.254	59.254	-71.428	59.578
81	-54.614	54.614	-59.578	48.655
82	-49.651	49.651	-48.655	38.724
83	-44.415	44.415	-38.724	29.841
84	-38.950	38.950	-29.841	22.051
85	-33.294	33.294	-22.051	15.392
86	-27.479	27.479	-15.392	9.8966
87	-21.533	21.533	-9.8966	5.5900
88	-15.479	15.479	-5.5900	2.4941
89	-9.3394	9.3394	-2.4941	0.62614
90	-3.1307	3.1307	-0.62614	8.85089E-12



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:48

New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
CURRENT TIME IS 4.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	258.24	-1.15283E-03	8.47907E-04	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

ITER 0 RNORM = 618.1 RMNORM= 0.000  
RINORM=0.1913E+07 RIMNOR=0.5232E+07  
RENORM= 626.5 REMNOR=0.3197E-19 RATIO =0.1810E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 249.4 RMMAX = 304.8  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.1913E+07 RDR =0.5232E+07  
RATIOT=0.1810E-01 RATIO= 0.000  
MAX UN= 6.102 IEQ= 179 NODE 90 DOF 1 Y-DISPL.F  
MIN UN=-.7120E-10 IEQ= 142 NODE 71 DOF 2 X-ROT. F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 618.1 RMNORM= 0.000  
RINORM=0.1913E+07 RIMNOR=0.5232E+07  
RENORM=0.3248 REMNOR=0.2149E-19 RATIO =0.4121E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 249.4 RMMAX = 304.8  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.1913E+07 RDR =0.5232E+07  
RATIOT=0.4121E-03 RATIO= 0.000  
MAX UN=0.5699 IEQ= 105 NODE 53 DOF 1 Y-DISPL.F  
MIN UN=-.7274E-09 IEQ= 151 NODE 76 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 618.1 RMNORM= 0.000  
RINORM=0.1913E+07 RIMNOR=0.5232E+07  
RENORM=0.8281E-17 REMNOR=0.2292E-19 RATIO =0.2081E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 249.4 RMMAX = 304.8  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.1913E+07 RDR =0.5232E+07  
RATIOT=0.2081E-11 RATIO= 0.000  
MAX UN=0.1008E-08 IEQ= 153 NODE 77 DOF 1 Y-DISPL.F  
MIN UN=-.6837E-09 IEQ= 177 NODE 89 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:48

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 5 ( AT TIME 5.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	4.1328018E-04	3.6468141E-04
2	4.8621948E-04	3.6472670E-04
3	5.5918389E-04	3.6496735E-04
4	6.3223411E-04	3.6562325E-04
5	7.0547710E-04	3.6693781E-04
6	7.7907208E-04	3.6919506E-04
7	8.5324029E-04	3.7272980E-04
8	9.2827443E-04	3.7792101E-04
9	1.0045470E-03	3.8518724E-04
10	1.0825165E-03	3.9496166E-04
11	1.1627268E-03	4.0766215E-04
12	1.2458028E-03	4.2368418E-04
13	1.3324468E-03	4.4340198E-04
14	1.4234349E-03	4.6718926E-04
15	1.5196199E-03	4.9543771E-04
16	1.6219346E-03	5.2855443E-04
17	1.7308664E-03	5.5904186E-04
18	1.8448768E-03	5.7941214E-04
19	1.9619859E-03	5.9010164E-04
20	2.0803015E-03	5.9155183E-04
21	2.1980204E-03	5.8420796E-04
22	2.3134283E-03	5.6851853E-04
23	2.4249015E-03	5.4493524E-04
24	2.5309060E-03	5.1391378E-04
25	2.6300013E-03	4.7591434E-04
26	2.7208377E-03	4.3140415E-04
27	2.8021606E-03	3.8085911E-04
28	2.8728041E-03	3.2465484E-04
29	2.9316634E-03	2.6306772E-04
30	2.9776913E-03	1.9638662E-04
31	3.0098990E-03	1.2491950E-04
32	3.0273621E-03	4.8997344E-05
33	3.0292249E-03	-3.1019975E-05
34	3.0147074E-03	-1.1473778E-04
35	2.9831124E-03	-2.0171991E-04
36	2.9338341E-03	-2.9148387E-04
37	2.8663692E-03	-3.8349142E-04
38	2.7803279E-03	-4.7714321E-04
39	2.6754469E-03	-5.7177109E-04
40	2.5516047E-03	-6.6663020E-04
41	2.4088351E-03	-7.6089343E-04
42	2.2473484E-03	-8.5364105E-04
43	2.0675476E-03	-9.4385512E-04
44	1.8700500E-03	-1.0304140E-03
45	1.6557093E-03	-1.1120795E-03
46	1.4256370E-03	-1.1874786E-03
47	1.1812368E-03	-1.2550937E-03
48	9.2422929E-04	-1.3132625E-03
49	6.5668182E-04	-1.3601813E-03
50	3.8098447E-04	-1.3947055E-03
51	9.9647326E-05	-1.4165347E-03
52	-1.8477283E-04	-1.4256005E-03
53	-4.6975920E-04	-1.4222466E-03
54	-7.5288909E-04	-1.4071571E-03
55	-1.0318905E-03	-1.3810943E-03
56	-1.3046495E-03	-1.3448716E-03
57	-1.5692184E-03	-1.2993383E-03
58	-1.8238235E-03	-1.2453849E-03
59	-2.0668734E-03	-1.1839472E-03
60	-2.2969692E-03	-1.1160129E-03
61	-2.5129152E-03	-1.0426280E-03
62	-2.7137311E-03	-9.6490326E-04
63	-2.8986661E-03	-8.8402260E-04
64	-3.0672141E-03	-8.0125061E-04
65	-3.2191297E-03	-7.1792918E-04
66	-3.3544335E-03	-6.3532387E-04
67	-3.4733773E-03	-5.5448948E-04
68	-3.5764051E-03	-4.7629210E-04
69	-3.6641165E-03	-4.0142909E-04
70	-3.7372354E-03	-3.3044709E-04
71	-3.7965815E-03	-2.6375845E-04
72	-3.8430446E-03	-2.0165616E-04

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73	-3.8775616E-03	-1.4431827E-04
74	-3.9010950E-03	-9.1826546E-05
75	-3.9146161E-03	-4.4192357E-05
76	-3.9190924E-03	-1.3654351E-06
77	-3.9154758E-03	3.6758161E-05
78	-3.9046926E-03	7.0328909E-05
79	-3.8876350E-03	9.9537404E-05
80	-3.8651535E-03	1.2460859E-04
81	-3.8380505E-03	1.4579663E-04
82	-3.8070751E-03	1.6338026E-04
83	-3.7729187E-03	1.7765876E-04
84	-3.7362109E-03	1.8894843E-04
85	-3.6975166E-03	1.9757947E-04
86	-3.6573336E-03	2.0389331E-04
87	-3.6160904E-03	2.0824017E-04
88	-3.5741448E-03	2.1097710E-04
89	-3.5317827E-03	2.1246624E-04
90	-3.4892150E-03	2.1307333E-04
91	-3.4465832E-03	2.1320224E-04







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78 D	66.95	3.9047E-03	302.2	271.7	302.2	285.2	UL-RL	4.0888E+04	-15.40	63.09	1.000	1.000
334.7	0.000	0.000	Limosabbiosol_237_225_L_0									
79 D	67.53	3.8876E-03	304.7	272.7	304.7	286.5	UL-RL	4.0888E+04	-15.60	64.91	1.000	1.000
337.7	0.000	0.000	Limosabbiosol_237_225_L_0									
80 D	68.09	3.8652E-03	307.0	273.7	307.0	287.8	UL-RL	4.0888E+04	-15.80	66.74	1.000	1.000
340.5	0.000	0.000	Limosabbiosol_237_225_L_0									
81 D	68.64	3.8381E-03	309.3	274.6	309.3	289.0	UL-RL	4.0888E+04	-16.00	68.57	1.000	1.000
343.2	0.000	0.000	Limosabbiosol_237_225_L_0									
82 D	69.18	3.8071E-03	311.5	275.5	311.5	290.2	UL-RL	4.0888E+04	-16.20	70.40	1.000	1.000
345.9	0.000	0.000	Limosabbiosol_237_225_L_0									
83 D	69.70	3.7729E-03	314.0	276.3	314.0	291.3	UL-RL	4.0888E+04	-16.40	72.23	1.000	1.000
348.5	0.000	0.000	Limosabbiosol_237_225_L_0									
84 D	70.22	3.7362E-03	316.1	277.1	316.1	292.4	UL-RL	4.0888E+04	-16.60	74.06	1.000	1.000
351.1	0.000	0.000	Limosabbiosol_237_225_L_0									
85 D	70.73	3.6975E-03	318.5	277.8	318.5	293.4	UL-RL	4.0888E+04	-16.80	75.89	1.000	1.000
353.7	0.000	0.000	Limosabbiosol_237_225_L_0									
86 D	71.24	3.6573E-03	320.8	278.5	320.8	294.4	UL-RL	4.0888E+04	-17.00	77.71	1.000	1.000
356.2	0.000	0.000	Limosabbiosol_237_225_L_0									
87 D	71.74	3.6161E-03	323.2	279.2	323.2	295.4	UL-RL	4.0888E+04	-17.20	79.54	1.000	1.000
358.7	0.000	0.000	Limosabbiosol_237_225_L_0									
88 D	72.24	3.5741E-03	325.3	279.8	325.3	296.4	UL-RL	4.0888E+04	-17.40	81.37	1.000	1.000
361.2	0.000	0.000	Limosabbiosol_237_225_L_0									
89 D	72.74	3.5318E-03	327.7	280.5	327.7	297.4	UL-RL	4.0888E+04	-17.60	83.20	1.000	1.000
363.7	0.000	0.000	Limosabbiosol_237_225_L_0									
90 D	73.24	3.4892E-03	330.0	281.2	330.0	298.4	UL-RL	4.0888E+04	-17.80	85.03	1.000	1.000
366.2	0.000	0.000	Limosabbiosol_237_225_L_0									
91 D	36.87	3.4466E-03	332.2	281.8	332.2	299.4	UL-RL	4.0888E+04	-18.00	86.86	1.000	1.000
368.7	0.000	0.000	Limosabbiosol_237_225_L_0									



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                PARATIEPLUS(TM)  NLS ENGINE RELEASE  2018.0  FULL VERSION  *Build date:Nov 13, 2017*
                NewProject.BaseDesignSection_28.SISMICASTR_3835
                Exe Time : 8 June 2018      11:15:48
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New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
 ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
 CURRENT TIME IS 5.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				

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33	0.000	--	--	--	REMOVED	--	-6.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-6.600	0.000	1.000	1.000
34	0.000	--	--	--	REMOVED	--	-6.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.000	0.000	1.000	1.000
35	0.000	--	--	--	REMOVED	--	-7.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.400	0.000	1.000	1.000
36	0.000	--	--	--	REMOVED	--	-7.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.800	0.000	1.000	1.000
37	0.000	--	--	--	REMOVED	--	-8.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.200	0.000	1.000	1.000
38	0.000	--	--	--	REMOVED	--	-8.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.600	0.000	1.000	1.000
39	0.000	--	--	--	REMOVED	--	-8.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.000	0.000	1.000	1.000
40	0.000	--	--	--	REMOVED	--	-9.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.400	0.000	1.000	1.000
41	0.000	--	--	--	REMOVED	--	-9.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.800	0.000	1.000	1.000
42	0.000	--	--	--	REMOVED	--	-10.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-10.200	0.000	1.000	1.000
43	0.000	--	--	--	REMOVED	--	-10.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-10.600	0.000	1.000	1.000
44	0.000	--	--	--	REMOVED	--	-10.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.000	0.000	1.000	1.000
45	0.000	--	--	--	REMOVED	--	-11.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.400	0.000	1.000	1.000
46	0.000	--	--	--	REMOVED	--	-11.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.800	0.000	1.000	1.000
47	0.000	--	--	--	REMOVED	--	-12.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-12.200	0.000	1.000	1.000
48	0.000	--	--	--	REMOVED	--	-12.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-12.600	0.000	1.000	1.000
49 D	24.68	6.5668E-04	2.140 123.4 114.1	152.3	PASSIVE	0.000	-9.600	0.000	1.000	1.000
123.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
50 D	30.90	3.8098E-04	6.420 154.5 116.6	158.0	PASSIVE	0.000	-9.800	0.000	1.000	1.000
154.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
51 D	37.12	9.9647E-05	10.70 185.6 119.0	190.1	PASSIVE	0.000	-10.000	0.000	1.000	1.000
185.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
52 D	48.89	-1.8477E-04	12.97 242.3 121.4	249.0	PASSIVE	0.000	-10.200	2.171	1.000	1.000
244.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
53 D	52.23	-4.6976E-04	15.24 256.8 123.9	264.8	PASSIVE	0.000	-10.400	4.343	1.000	1.000
261.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
54 D	55.10	-7.5289E-04	17.51 269.0 126.3	280.6	UL-RL	2.2479E+04	-10.600	6.514	1.000	1.000
275.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
55 D	57.42	-1.0319E-03	19.77 278.4 128.8	296.5	UL-RL	2.2479E+04	-10.800	8.686	1.000	1.000
287.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
56 D	59.76	-1.3046E-03	22.04 287.9 131.2	312.3	UL-RL	2.2479E+04	-11.000	10.86	1.000	1.000
298.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
57 D	62.15	-1.5692E-03	24.31 297.7 133.6	328.1	UL-RL	2.2479E+04	-11.200	13.03	1.000	1.000
310.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
58 D	64.58	-1.8238E-03	26.58 307.7 136.1	344.0	UL-RL	2.2479E+04	-11.400	15.20	1.000	1.000
322.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
59 D	67.07	-2.0669E-03	28.85 318.0 138.5	359.8	UL-RL	2.2479E+04	-11.600	17.37	1.000	1.000
335.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
60 D	69.62	-2.2970E-03	31.12 328.5 141.0	375.6	UL-RL	2.2479E+04	-11.800	19.54	1.000	1.000
348.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
61 D	72.23	-2.5129E-03	33.39 339.4 143.4	391.5	UL-RL	2.2479E+04	-12.000	21.71	1.000	1.000
361.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
62 D	74.92	-2.7137E-03	35.65 350.7 145.8	407.3	UL-RL	2.2479E+04	-12.200	23.89	1.000	1.000
374.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
63 D	77.68	-2.8987E-03	37.92 362.3 148.3	423.1	UL-RL	2.2479E+04	-12.400	26.06	1.000	1.000
388.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
64 D	80.14	-3.0672E-03	40.19 372.5 150.7	437.1	UL-RL	2.2479E+04	-12.600	28.23	1.000	1.000
400.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
65 D	77.92	-3.2191E-03	42.46 359.2 153.2	427.3	UL-RL	2.2479E+04	-12.800	30.40	1.000	1.000
389.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
66 D	76.01	-3.3544E-03	44.73 347.5 155.6	418.6	UL-RL	2.2479E+04	-13.000	32.57	1.000	1.000
380.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
67 D	74.38	-3.4734E-03	47.00 337.2 158.0	411.0	UL-RL	2.2479E+04	-13.200	34.74	1.000	1.000
371.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
68 D	72.99	-3.5764E-03	49.27 328.0 160.5	404.2	UL-RL	2.2479E+04	-13.400	36.91	1.000	1.000
365.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
69 D	71.82	-3.6641E-03	51.53 320.0 162.9	398.1	UL-RL	2.2479E+04	-13.600	39.09	1.000	1.000
359.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
70 D	70.85	-3.7372E-03	53.80 313.0 165.4	392.7	UL-RL	2.2479E+04	-13.800	41.26	1.000	1.000
354.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
71 D	70.05	-3.7966E-03	56.07 306.8 167.8	387.9	UL-RL	2.2479E+04	-14.000	43.43	1.000	1.000
350.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
72 D	68.58	-3.8430E-03	57.96 297.3 169.9	379.4	UL-RL	2.2479E+04	-14.200	45.60	1.000	1.000
342.9	0.000	0.000	Limosabbiosol_237_225_L_0							
73 D	68.22	-3.8776E-03	59.85 293.3 171.9	376.2	UL-RL	2.2479E+04	-14.400	47.77	1.000	1.000
341.1	0.000	0.000	Limosabbiosol_237_225_L_0							
74 D	67.97	-3.9011E-03	61.74 289.9 174.0	373.3	UL-RL	2.2479E+04	-14.600	49.94	1.000	1.000
339.9	0.000	0.000	Limosabbiosol_237_225_L_0							
75 D	67.82	-3.9146E-03	63.63 287.0 176.0	370.6	UL-RL	2.2479E+04	-14.800	52.11	1.000	1.000
339.1	0.000	0.000	Limosabbiosol_237_225_L_0							
76 D	67.75	-3.9191E-03	65.51 284.5 178.1	368.2	UL-RL	2.2479E+04	-15.000	54.29	1.000	1.000
338.7	0.000	0.000	Limosabbiosol_237_225_L_0							
77 D	67.76	-3.9155E-03	67.40 282.4 180.2	366.0	UL-RL	2.2479E+04	-15.200	56.46	1.000	1.000
338.8	0.000	0.000	Limosabbiosol_237_225_L_0							

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78 D	67.85	-3.9047E-03	69.29 280.6 182.2	363.9	UL-RL 2.2479E+04 -15.40 58.63 1.000 1.000
339.2	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	68.00	-3.8876E-03	71.18 279.2 184.3	362.1	UL-RL 2.2479E+04 -15.60 60.80 1.000 1.000
340.0	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	68.20	-3.8652E-03	73.07 278.0 186.3	360.4	UL-RL 2.2479E+04 -15.80 62.97 1.000 1.000
341.0	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	68.46	-3.8381E-03	74.96 277.2 188.4	358.9	UL-RL 2.2479E+04 -16.00 65.14 1.000 1.000
342.3	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	68.77	-3.8071E-03	76.85 276.5 190.5	357.5	UL-RL 2.2479E+04 -16.20 67.31 1.000 1.000
343.8	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	69.12	-3.7729E-03	78.73 276.1 192.5	356.3	UL-RL 2.2479E+04 -16.40 69.49 1.000 1.000
345.6	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	69.50	-3.7362E-03	80.62 275.8 194.6	355.2	UL-RL 2.2479E+04 -16.60 71.66 1.000 1.000
347.5	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	69.92	-3.6975E-03	82.51 275.8 196.6	354.2	UL-RL 2.2479E+04 -16.80 73.83 1.000 1.000
349.6	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	70.36	-3.6573E-03	84.40 275.8 198.7	353.3	UL-RL 2.2479E+04 -17.00 76.00 1.000 1.000
351.8	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	70.83	-3.6161E-03	86.29 276.0 200.8	352.5	UL-RL 2.2479E+04 -17.20 78.17 1.000 1.000
354.2	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	71.33	-3.5741E-03	88.18 276.3 202.8	351.8	UL-RL 2.2479E+04 -17.40 80.34 1.000 1.000
356.6	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	71.84	-3.5318E-03	90.07 276.7 204.9	351.2	UL-RL 2.2479E+04 -17.60 82.51 1.000 1.000
359.2	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	72.37	-3.4892E-03	91.95 277.2 206.9	350.7	UL-RL 2.2479E+04 -17.80 84.69 1.000 1.000
361.8	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	36.46	-3.4466E-03	93.84 277.7 209.0	350.3	UL-RL 2.2479E+04 -18.00 86.86 1.000 1.000
364.6	0.000	0.000	Limosabbiosol_237_225_L_0		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICATR\_3835  
Exe Time : 8 June 2018 11:15:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 5.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.4330	-1.4330	-4.42468E-12	0.28660
2	4.7483	-4.7483	-0.28660	1.2363
3	8.3902	-8.3902	-1.2363	2.9143
4	12.450	-12.450	-2.9143	5.4044
5	17.377	-17.377	-5.4044	8.8797
6	23.043	-23.043	-8.8797	13.488
7	29.369	-29.369	-13.488	19.362
8	36.286	-36.286	-19.362	26.619
9	43.074	-43.074	-26.619	35.234
10	49.507	-49.507	-35.234	45.136
11	55.588	-55.588	-45.136	56.253
12	61.348	-61.348	-56.253	68.523
13	67.412	-67.412	-68.523	82.005
14	73.741	-73.741	-82.005	96.753
15	80.292	-80.292	-96.753	112.81
16	-163.48	163.48	-112.81	80.115
17	-156.63	156.63	-80.115	48.790
18	-149.68	149.68	-48.790	18.854
19	-142.66	142.66	-18.854	-9.6774
20	-135.59	135.59	9.6774	-36.795
21	-128.47	128.47	36.795	-62.489
22	-121.30	121.30	62.489	-86.748
23	-114.06	114.06	86.748	-109.56
24	-106.73	106.73	109.56	-130.90
25	-99.276	99.276	130.90	-150.76
26	-91.669	91.669	150.76	-169.09
27	-87.391	87.391	169.09	-186.57
28	-82.935	82.935	186.57	-203.16
29	-78.231	78.231	203.16	-218.80
30	-73.200	73.200	218.80	-233.44
31	-67.758	67.758	233.44	-247.00
32	-61.814	61.814	247.00	-259.36
33	-55.271	55.271	259.36	-270.41
34	-48.027	48.027	270.41	-280.02
35	-39.977	39.977	280.02	-288.01
36	-31.011	31.011	288.01	-294.22
37	-21.014	21.014	294.22	-298.42
38	-9.8699	9.8699	298.42	-300.39
39	2.5385	-2.5385	300.39	-299.89
40	16.330	-16.330	299.89	-296.62
41	31.624	-31.624	296.62	-290.29
42	48.538	-48.538	290.29	-280.59
43	67.113	-67.113	280.59	-267.16
44	87.706	-87.706	267.16	-249.62
45	110.58	-110.58	249.62	-227.51
46	135.71	-135.71	227.51	-200.37
47	163.17	-163.17	200.37	-167.73
48	192.78	-192.78	167.73	-129.17
49	199.39	-199.39	129.17	-89.298
50	202.29	-202.29	89.298	-48.839
51	201.55	-201.55	48.839	-8.5307
52	191.42	-191.42	8.5307	29.754
53	179.90	-179.90	-29.754	65.733
54	167.30	-167.30	-65.733	99.194
55	154.17	-154.17	-99.194	130.03
56	140.42	-140.42	-130.03	158.11
57	126.00	-126.00	-158.11	183.31
58	110.81	-110.81	-183.31	205.47
59	94.747	-94.747	-205.47	224.42
60	77.716	-77.716	-224.42	239.96
61	59.595	-59.595	-239.96	251.88
62	40.260	-40.260	-251.88	259.94
63	19.582	-19.582	-259.94	263.85
64	-2.1981	2.1981	-263.85	263.41
65	-20.460	20.460	-263.41	259.32
66	-35.572	35.572	-259.32	252.21
67	-47.864	47.864	-252.21	242.63
68	-57.636	57.636	-242.63	231.11

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69	-65.160	65.160	-231.11	218.07
70	-70.683	70.683	-218.07	203.94
71	-74.430	74.430	-203.94	189.05
72	-76.317	76.317	-189.05	173.79
73	-77.017	77.017	-173.79	158.38
74	-76.677	76.677	-158.38	143.05
75	-75.427	75.427	-143.05	127.96
76	-73.388	73.388	-127.96	113.29
77	-70.666	70.666	-113.29	99.153
78	-67.357	67.357	-99.153	85.681
79	-63.548	63.548	-85.681	72.971
80	-59.316	59.316	-72.971	61.108
81	-54.729	54.729	-61.108	50.162
82	-49.847	49.847	-50.162	40.193
83	-44.721	44.721	-40.193	31.249
84	-39.399	39.399	-31.249	23.369
85	-33.919	33.919	-23.369	16.585
86	-28.317	28.317	-16.585	10.922
87	-22.622	22.622	-10.922	6.3976
88	-16.859	16.859	-6.3976	3.0258
89	-11.050	11.050	-3.0258	0.81571
90	-4.0785	4.0785	-0.81571	8.43520E-13



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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:48

New Project

S T R E S S R E S U L T S F O R G R O U P N O . 4

Tieback\_652

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
C U R R E N T T I M E I S 5.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	259.34	-1.15283E-03	1.11417E-03	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:15:48

F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	4
4	CONVERGENCE :YES	3
5	CONVERGENCE :YES	3

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.45 [sec]

DATABASE CREATION CPU TIME..... 0.19 [sec]

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## Design Assumption : SISMICA GEO - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:48

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SISMICAGEO\_3865

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	91
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	182
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	4
NO. OF SOLUTION STEPS (NSTE).....	5
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	634
NO. OF LONG NAMES (LASTNAME) .....	24
LENGTH UNIT CHOICE .....	3 ( M )
FORCE UNIT CHOICE .....	3 ( KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 634

1 : UNIT m kN  
2 : TITLE New Project  
3 : DELTA 0.2  
4 : option param itemax 40  
5 : option control hinges 0 0.0001 0.001  
6 : WALL LeftWall\_32 0 -18 0 1  
7 : SOIL 0\_L LeftWall\_32 -18 0 1 0  
8 : SOIL 0\_R LeftWall\_32 -18 0 2 180  
9 : LDATA Riporto\_2\_8\_L\_0 4 LeftWall\_32  
10 : ATREST 0.5 1 1  
11 : WEIGHT 16.8 8.3 10  
12 : PERMEABILITY 0.0001  
13 : RESISTANCE 5 23 0 0 0  
14 : YOUNG 2E+04 3.2E+04  
15 : ENDL  
16 : LDATA sabbialimosoghiaiosal\_234\_219\_L\_0 -1.5 LeftWall\_32  
17 : ATREST 0.76 2 1  
18 : WEIGHT 20.9 11.8 10  
19 : PERMEABILITY 1E-05  
20 : RESISTANCE 10 37 0 0 0  
21 : YOUNG 6E+04 1.5E+05  
22 : ENDL  
23 : LDATA Sabbialimosoghiaiosa2\_235\_220\_L\_0 -5 LeftWall\_32  
24 : ATREST 0.76 2 1  
25 : WEIGHT 21.4 12.2 10  
26 : PERMEABILITY 1E-05  
27 : RESISTANCE 20 37 0 0 0  
28 : YOUNG 7.5E+04 1.88E+05  
29 : ENDL  
30 : LDATA sabbialimosoghiaiosa3\_236\_221\_L\_0 -10 LeftWall\_32  
31 : ATREST 0.76 2 1  
32 : WEIGHT 21.4 12.2 10  
33 : PERMEABILITY 1E-05  
34 : RESISTANCE 30 36 0 0 0  
35 : YOUNG 1E+05 2.5E+05  
36 : ENDL  
37 : LDATA Limosabbiosol\_237\_225\_L\_0 -14 LeftWall\_32  
38 : ATREST 0.75 2 1  
39 : WEIGHT 19.2 10.3 10  
40 : PERMEABILITY 1E-05  
41 : RESISTANCE 30 36 0 0 0  
42 : YOUNG 1E+05 2.5E+05  
43 : ENDL  
44 : MATERIAL Fe360\_108 2.06E+08  
45 : MATERIAL C2530\_104 3.148E+07  
46 : MATERIAL acciaioarmonico\_124 2.001E+08  
47 : MATERIAL C2025\_103 2.996E+07  
48 : BEAM WallElement\_33 LeftWall\_32 -18 0 C2530\_104 0.6225 00 00 0  
49 : WIRE Tieback\_652 LeftWall\_32 -3 acciaioarmonico\_124 2.059E-05 250 15 0 0  
50 : STRIP LeftWall\_32 1 5 1.5 28.5 0 20 45  
51 : STRIP LeftWall\_32 1 1 0 0.4 0 1.68 45  
52 : STRIP LeftWall\_32 1 1 0.4 0.4 0 5.04 45  
53 : STRIP LeftWall\_32 1 1 0.8 0.4 0 8.4 45  
54 : STRIP LeftWall\_32 1 1 1.2 0.4 0 11.76 45  
55 : STRIP LeftWall\_32 1 1 1.6 0.4 0 15.12 45  
56 : STRIP LeftWall\_32 1 1 2 0.4 0 18.48 45  
57 : STRIP LeftWall\_32 1 1 2.4 0.4 0 21.84 45  
58 : STRIP LeftWall\_32 1 1 2.8 0.4 0 25.2 45  
59 : STRIP LeftWall\_32 1 1 3.2 0.4 0 28.56 45  
60 : STRIP LeftWall\_32 1 1 3.6 0.4 0 31.92 45  
61 : STRIP LeftWall\_32 1 1 4 0.4 0 35.28 45  
62 : STRIP LeftWall\_32 1 1 4.4 0.4 0 38.64 45  
63 : STRIP LeftWall\_32 1 1 4.8 0.4 0 42 45  
64 : STRIP LeftWall\_32 1 1 5.2 0.4 0 45.36 45  
65 : STRIP LeftWall\_32 1 1 5.6 0.4 0 48.72 45  
66 : STRIP LeftWall\_32 1 1 6 0.4 0 50.4 45  
67 : STRIP LeftWall\_32 1 1 6.4 0.4 0 50.4 45  
68 : STRIP LeftWall\_32 1 1 6.8 0.4 0 50.4 45  
69 : STRIP LeftWall\_32 1 1 7.2 0.4 0 50.4 45  
70 : STRIP LeftWall\_32 1 1 7.6 0.4 0 50.4 45  
71 : STRIP LeftWall\_32 1 1 8 0.4 0 50.4 45  
72 : STRIP LeftWall\_32 1 1 8.4 0.4 0 50.4 45  
73 : STRIP LeftWall\_32 1 1 8.8 0.4 0 50.4 45  
74 : STRIP LeftWall\_32 1 1 9.2 0.4 0 50.4 45  
75 : STRIP LeftWall\_32 1 1 9.6 0.4 0 50.4 45  
76 : STRIP LeftWall\_32 1 1 10 0.4 0 50.4 45  
77 : STRIP LeftWall\_32 1 1 10.4 0.4 0 50.4 45

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78 : STRIP LeftWall\_32 1 1 10.8 0.4 0 50.4 45  
79 : STRIP LeftWall\_32 1 1 11.2 0.4 0 50.4 45  
80 : STRIP LeftWall\_32 1 1 11.6 0.4 0 50.4 45  
81 : STRIP LeftWall\_32 1 1 12 0.4 0 50.4 45  
82 : STRIP LeftWall\_32 1 1 12.4 0.4 0 50.4 45  
83 : STRIP LeftWall\_32 1 1 12.8 0.4 0 50.4 45  
84 : STRIP LeftWall\_32 1 1 13.2 0.4 0 50.4 45  
85 : STRIP LeftWall\_32 1 1 13.6 0.4 0 50.4 45  
86 : STRIP LeftWall\_32 1 1 14 0.4 0 50.4 45  
87 : STRIP LeftWall\_32 1 1 14.4 0.4 0 50.4 45  
88 : STRIP LeftWall\_32 1 1 14.8 0.4 0 50.4 45  
89 : STRIP LeftWall\_32 1 1 15.2 0.4 0 50.4 45  
90 : STRIP LeftWall\_32 1 1 15.6 0.4 0 50.4 45  
91 : STRIP LeftWall\_32 1 1 16 0.4 0 50.4 45  
92 : STRIP LeftWall\_32 1 1 16.4 0.4 0 50.4 45  
93 : STRIP LeftWall\_32 1 1 16.8 0.4 0 50.4 45  
94 : STRIP LeftWall\_32 1 1 17.2 0.4 0 50.4 45  
95 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
96 : STRIP LeftWall\_32 1 1 18 0.4 0 50.4 45  
97 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
98 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
99 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
100 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
101 : STRIP LeftWall\_32 1 1 20 0.4 0 50.4 45  
102 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
103 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
104 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
105 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
106 : STRIP LeftWall\_32 1 1 22 0.4 0 50.4 45  
107 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
108 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
109 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
110 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
111 : STRIP LeftWall\_32 1 1 24 0.4 0 50.4 45  
112 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
113 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
114 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
115 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
116 : STRIP LeftWall\_32 1 1 26 0.4 0 50.4 45  
117 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
118 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
119 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
120 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
121 : STRIP LeftWall\_32 1 1 28 0.4 0 50.4 45  
122 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
123 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
124 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
125 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
126 : STRIP LeftWall\_32 2 2 0 0.4 0 1.68 45  
127 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
128 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
129 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
130 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
131 : STRIP LeftWall\_32 2 2 2 0.4 0 18.48 45  
132 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
133 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
134 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
135 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
136 : STRIP LeftWall\_32 2 2 4 0.4 0 35.28 45  
137 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
138 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
139 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
140 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
141 : STRIP LeftWall\_32 2 2 6 0.4 0 50.4 45  
142 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
143 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
144 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
145 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
146 : STRIP LeftWall\_32 2 2 8 0.4 0 50.4 45  
147 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
148 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
149 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
150 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
151 : STRIP LeftWall\_32 2 2 10 0.4 0 50.4 45  
152 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
153 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
154 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
155 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
156 : STRIP LeftWall\_32 2 2 12 0.4 0 50.4 45  
157 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
158 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
159 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
160 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
161 : STRIP LeftWall\_32 2 2 14 0.4 0 50.4 45  
162 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
163 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
164 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
165 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
166 : STRIP LeftWall\_32 2 2 16 0.4 0 50.4 45  
167 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 18 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 20 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45  
 185 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 186 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 187 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 188 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 189 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 190 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 191 : STRIP LeftWall\_32 2 2 26 0.4 0 50.4 45  
 192 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 193 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 194 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 195 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 196 : STRIP LeftWall\_32 2 2 28 0.4 0 50.4 45  
 197 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 198 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 199 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 200 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 201 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 202 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 203 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 204 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 205 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 206 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 207 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 208 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 209 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 210 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 211 : STRIP LeftWall\_32 3 3 4 0.4 0 35.28 45  
 212 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 213 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 214 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 215 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 216 : STRIP LeftWall\_32 3 3 6 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 8 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 10 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 12 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 14 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 16 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 20 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 22 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 259 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 260 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 261 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45  
 262 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 263 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 264 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 265 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 266 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45  
 267 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45  
 268 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 269 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 270 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 271 : STRIP LeftWall\_32 3 3 28 0.4 0 50.4 45  
 272 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 273 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 274 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45  
 275 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 276 : STRIP LeftWall\_32 4 4 0 0.4 0 1.68 45  
 277 : STRIP LeftWall\_32 4 4 0.4 0.4 0 5.04 45  
 278 : STRIP LeftWall\_32 4 4 0.8 0.4 0 8.4 45  
 279 : STRIP LeftWall\_32 4 4 1.2 0.4 0 11.76 45  
 280 : STRIP LeftWall\_32 4 4 1.6 0.4 0 15.12 45  
 281 : STRIP LeftWall\_32 4 4 2 0.4 0 18.48 45  
 282 : STRIP LeftWall\_32 4 4 2.4 0.4 0 21.84 45  
 283 : STRIP LeftWall\_32 4 4 2.8 0.4 0 25.2 45  
 284 : STRIP LeftWall\_32 4 4 3.2 0.4 0 28.56 45  
 285 : STRIP LeftWall\_32 4 4 3.6 0.4 0 31.92 45  
 286 : STRIP LeftWall\_32 4 4 4 0.4 0 35.28 45  
 287 : STRIP LeftWall\_32 4 4 4.4 0.4 0 38.64 45  
 288 : STRIP LeftWall\_32 4 4 4.8 0.4 0 42 45  
 289 : STRIP LeftWall\_32 4 4 5.2 0.4 0 45.36 45  
 290 : STRIP LeftWall\_32 4 4 5.6 0.4 0 48.72 45  
 291 : STRIP LeftWall\_32 4 4 6 0.4 0 50.4 45  
 292 : STRIP LeftWall\_32 4 4 6.4 0.4 0 50.4 45  
 293 : STRIP LeftWall\_32 4 4 6.8 0.4 0 50.4 45  
 294 : STRIP LeftWall\_32 4 4 7.2 0.4 0 50.4 45  
 295 : STRIP LeftWall\_32 4 4 7.6 0.4 0 50.4 45  
 296 : STRIP LeftWall\_32 4 4 8 0.4 0 50.4 45  
 297 : STRIP LeftWall\_32 4 4 8.4 0.4 0 50.4 45  
 298 : STRIP LeftWall\_32 4 4 8.8 0.4 0 50.4 45  
 299 : STRIP LeftWall\_32 4 4 9.2 0.4 0 50.4 45  
 300 : STRIP LeftWall\_32 4 4 9.6 0.4 0 50.4 45  
 301 : STRIP LeftWall\_32 4 4 10 0.4 0 50.4 45  
 302 : STRIP LeftWall\_32 4 4 10.4 0.4 0 50.4 45  
 303 : STRIP LeftWall\_32 4 4 10.8 0.4 0 50.4 45  
 304 : STRIP LeftWall\_32 4 4 11.2 0.4 0 50.4 45  
 305 : STRIP LeftWall\_32 4 4 11.6 0.4 0 50.4 45  
 306 : STRIP LeftWall\_32 4 4 12 0.4 0 50.4 45  
 307 : STRIP LeftWall\_32 4 4 12.4 0.4 0 50.4 45  
 308 : STRIP LeftWall\_32 4 4 12.8 0.4 0 50.4 45  
 309 : STRIP LeftWall\_32 4 4 13.2 0.4 0 50.4 45  
 310 : STRIP LeftWall\_32 4 4 13.6 0.4 0 50.4 45  
 311 : STRIP LeftWall\_32 4 4 14 0.4 0 50.4 45  
 312 : STRIP LeftWall\_32 4 4 14.4 0.4 0 50.4 45  
 313 : STRIP LeftWall\_32 4 4 14.8 0.4 0 50.4 45  
 314 : STRIP LeftWall\_32 4 4 15.2 0.4 0 50.4 45  
 315 : STRIP LeftWall\_32 4 4 15.6 0.4 0 50.4 45  
 316 : STRIP LeftWall\_32 4 4 16 0.4 0 50.4 45  
 317 : STRIP LeftWall\_32 4 4 16.4 0.4 0 50.4 45  
 318 : STRIP LeftWall\_32 4 4 16.8 0.4 0 50.4 45  
 319 : STRIP LeftWall\_32 4 4 17.2 0.4 0 50.4 45  
 320 : STRIP LeftWall\_32 4 4 17.6 0.4 0 50.4 45  
 321 : STRIP LeftWall\_32 4 4 18 0.4 0 50.4 45  
 322 : STRIP LeftWall\_32 4 4 18.4 0.4 0 50.4 45  
 323 : STRIP LeftWall\_32 4 4 18.8 0.4 0 50.4 45  
 324 : STRIP LeftWall\_32 4 4 19.2 0.4 0 50.4 45  
 325 : STRIP LeftWall\_32 4 4 19.6 0.4 0 50.4 45  
 326 : STRIP LeftWall\_32 4 4 20 0.4 0 50.4 45  
 327 : STRIP LeftWall\_32 4 4 20.4 0.4 0 50.4 45  
 328 : STRIP LeftWall\_32 4 4 20.8 0.4 0 50.4 45  
 329 : STRIP LeftWall\_32 4 4 21.2 0.4 0 50.4 45  
 330 : STRIP LeftWall\_32 4 4 21.6 0.4 0 50.4 45  
 331 : STRIP LeftWall\_32 4 4 22 0.4 0 50.4 45  
 332 : STRIP LeftWall\_32 4 4 22.4 0.4 0 50.4 45  
 333 : STRIP LeftWall\_32 4 4 22.8 0.4 0 50.4 45  
 334 : STRIP LeftWall\_32 4 4 23.2 0.4 0 50.4 45  
 335 : STRIP LeftWall\_32 4 4 23.6 0.4 0 50.4 45  
 336 : STRIP LeftWall\_32 4 4 24 0.4 0 50.4 45  
 337 : STRIP LeftWall\_32 4 4 24.4 0.4 0 50.4 45  
 338 : STRIP LeftWall\_32 4 4 24.8 0.4 0 50.4 45  
 339 : STRIP LeftWall\_32 4 4 25.2 0.4 0 50.4 45  
 340 : STRIP LeftWall\_32 4 4 25.6 0.4 0 50.4 45  
 341 : STRIP LeftWall\_32 4 4 26 0.4 0 50.4 45  
 342 : STRIP LeftWall\_32 4 4 26.4 0.4 0 50.4 45  
 343 : STRIP LeftWall\_32 4 4 26.8 0.4 0 50.4 45  
 344 : STRIP LeftWall\_32 4 4 27.2 0.4 0 50.4 45  
 345 : STRIP LeftWall\_32 4 4 27.6 0.4 0 50.4 45  
 346 : STRIP LeftWall\_32 4 4 28 0.4 0 50.4 45  
 347 : STRIP LeftWall\_32 4 4 28.4 0.4 0 50.4 45



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348 : STRIP LeftWall\_32 4 4 28.8 0.4 0 50.4 45  
 349 : STRIP LeftWall\_32 4 4 29.2 0.4 0 50.4 45  
 350 : STRIP LeftWall\_32 4 4 29.6 0.4 0 50.4 45  
 351 : STRIP LeftWall\_32 5 5 0 0.4 0 1.68 45  
 352 : STRIP LeftWall\_32 5 5 0.4 0.4 0 5.04 45  
 353 : STRIP LeftWall\_32 5 5 0.8 0.4 0 8.4 45  
 354 : STRIP LeftWall\_32 5 5 1.2 0.4 0 11.76 45  
 355 : STRIP LeftWall\_32 5 5 1.6 0.4 0 15.12 45  
 356 : STRIP LeftWall\_32 5 5 2 0.4 0 18.48 45  
 357 : STRIP LeftWall\_32 5 5 2.4 0.4 0 21.84 45  
 358 : STRIP LeftWall\_32 5 5 2.8 0.4 0 25.2 45  
 359 : STRIP LeftWall\_32 5 5 3.2 0.4 0 28.56 45  
 360 : STRIP LeftWall\_32 5 5 3.6 0.4 0 31.92 45  
 361 : STRIP LeftWall\_32 5 5 4 0.4 0 35.28 45  
 362 : STRIP LeftWall\_32 5 5 4.4 0.4 0 38.64 45  
 363 : STRIP LeftWall\_32 5 5 4.8 0.4 0 42 45  
 364 : STRIP LeftWall\_32 5 5 5.2 0.4 0 45.36 45  
 365 : STRIP LeftWall\_32 5 5 5.6 0.4 0 48.72 45  
 366 : STRIP LeftWall\_32 5 5 6 0.4 0 50.4 45  
 367 : STRIP LeftWall\_32 5 5 6.4 0.4 0 50.4 45  
 368 : STRIP LeftWall\_32 5 5 6.8 0.4 0 50.4 45  
 369 : STRIP LeftWall\_32 5 5 7.2 0.4 0 50.4 45  
 370 : STRIP LeftWall\_32 5 5 7.6 0.4 0 50.4 45  
 371 : STRIP LeftWall\_32 5 5 8 0.4 0 50.4 45  
 372 : STRIP LeftWall\_32 5 5 8.4 0.4 0 50.4 45  
 373 : STRIP LeftWall\_32 5 5 8.8 0.4 0 50.4 45  
 374 : STRIP LeftWall\_32 5 5 9.2 0.4 0 50.4 45  
 375 : STRIP LeftWall\_32 5 5 9.6 0.4 0 50.4 45  
 376 : STRIP LeftWall\_32 5 5 10 0.4 0 50.4 45  
 377 : STRIP LeftWall\_32 5 5 10.4 0.4 0 50.4 45  
 378 : STRIP LeftWall\_32 5 5 10.8 0.4 0 50.4 45  
 379 : STRIP LeftWall\_32 5 5 11.2 0.4 0 50.4 45  
 380 : STRIP LeftWall\_32 5 5 11.6 0.4 0 50.4 45  
 381 : STRIP LeftWall\_32 5 5 12 0.4 0 50.4 45  
 382 : STRIP LeftWall\_32 5 5 12.4 0.4 0 50.4 45  
 383 : STRIP LeftWall\_32 5 5 12.8 0.4 0 50.4 45  
 384 : STRIP LeftWall\_32 5 5 13.2 0.4 0 50.4 45  
 385 : STRIP LeftWall\_32 5 5 13.6 0.4 0 50.4 45  
 386 : STRIP LeftWall\_32 5 5 14 0.4 0 50.4 45  
 387 : STRIP LeftWall\_32 5 5 14.4 0.4 0 50.4 45  
 388 : STRIP LeftWall\_32 5 5 14.8 0.4 0 50.4 45  
 389 : STRIP LeftWall\_32 5 5 15.2 0.4 0 50.4 45  
 390 : STRIP LeftWall\_32 5 5 15.6 0.4 0 50.4 45  
 391 : STRIP LeftWall\_32 5 5 16 0.4 0 50.4 45  
 392 : STRIP LeftWall\_32 5 5 16.4 0.4 0 50.4 45  
 393 : STRIP LeftWall\_32 5 5 16.8 0.4 0 50.4 45  
 394 : STRIP LeftWall\_32 5 5 17.2 0.4 0 50.4 45  
 395 : STRIP LeftWall\_32 5 5 17.6 0.4 0 50.4 45  
 396 : STRIP LeftWall\_32 5 5 18 0.4 0 50.4 45  
 397 : STRIP LeftWall\_32 5 5 18.4 0.4 0 50.4 45  
 398 : STRIP LeftWall\_32 5 5 18.8 0.4 0 50.4 45  
 399 : STRIP LeftWall\_32 5 5 19.2 0.4 0 50.4 45  
 400 : STRIP LeftWall\_32 5 5 19.6 0.4 0 50.4 45  
 401 : STRIP LeftWall\_32 5 5 20 0.4 0 50.4 45  
 402 : STRIP LeftWall\_32 5 5 20.4 0.4 0 50.4 45  
 403 : STRIP LeftWall\_32 5 5 20.8 0.4 0 50.4 45  
 404 : STRIP LeftWall\_32 5 5 21.2 0.4 0 50.4 45  
 405 : STRIP LeftWall\_32 5 5 21.6 0.4 0 50.4 45  
 406 : STRIP LeftWall\_32 5 5 22 0.4 0 50.4 45  
 407 : STRIP LeftWall\_32 5 5 22.4 0.4 0 50.4 45  
 408 : STRIP LeftWall\_32 5 5 22.8 0.4 0 50.4 45  
 409 : STRIP LeftWall\_32 5 5 23.2 0.4 0 50.4 45  
 410 : STRIP LeftWall\_32 5 5 23.6 0.4 0 50.4 45  
 411 : STRIP LeftWall\_32 5 5 24 0.4 0 50.4 45  
 412 : STRIP LeftWall\_32 5 5 24.4 0.4 0 50.4 45  
 413 : STRIP LeftWall\_32 5 5 24.8 0.4 0 50.4 45  
 414 : STRIP LeftWall\_32 5 5 25.2 0.4 0 50.4 45  
 415 : STRIP LeftWall\_32 5 5 25.6 0.4 0 50.4 45  
 416 : STRIP LeftWall\_32 5 5 26 0.4 0 50.4 45  
 417 : STRIP LeftWall\_32 5 5 26.4 0.4 0 50.4 45  
 418 : STRIP LeftWall\_32 5 5 26.8 0.4 0 50.4 45  
 419 : STRIP LeftWall\_32 5 5 27.2 0.4 0 50.4 45  
 420 : STRIP LeftWall\_32 5 5 27.6 0.4 0 50.4 45  
 421 : STRIP LeftWall\_32 5 5 28 0.4 0 50.4 45  
 422 : STRIP LeftWall\_32 5 5 28.4 0.4 0 50.4 45  
 423 : STRIP LeftWall\_32 5 5 28.8 0.4 0 50.4 45  
 424 : STRIP LeftWall\_32 5 5 29.2 0.4 0 50.4 45  
 425 : STRIP LeftWall\_32 5 5 29.6 0.4 0 50.4 45  
 426 : STEP Stage1\_31  
 427 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=18.76 LeftWall\_32  
 428 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=18.76 LeftWall\_32  
 429 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.449 LeftWall\_32  
 430 : CHANGE Riporto\_2\_8\_L\_0 U-KP=2.415 LeftWall\_32  
 431 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.449 LeftWall\_32  
 432 : CHANGE Riporto\_2\_8\_L\_0 D-KP=2.415 LeftWall\_32  
 433 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=31.08 LeftWall\_32  
 434 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=31.08 LeftWall\_32  
 435 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.267 LeftWall\_32  
 436 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=4.957 LeftWall\_32  
 437 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.267 LeftWall\_32

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438 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=4.957 LeftWall\_32  
439 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=31.08 LeftWall\_32  
440 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=31.08 LeftWall\_32  
441 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.267 LeftWall\_32  
442 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=4.957 LeftWall\_32  
443 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.267 LeftWall\_32  
444 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=4.957 LeftWall\_32  
445 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=30.17 LeftWall\_32  
446 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=30.17 LeftWall\_32  
447 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.278 LeftWall\_32  
448 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=4.67 LeftWall\_32  
449 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.278 LeftWall\_32  
450 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=4.67 LeftWall\_32  
451 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-FRICT=30.17 LeftWall\_32  
452 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-FRICT=30.17 LeftWall\_32  
453 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KA=0.278 LeftWall\_32  
454 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KP=4.67 LeftWall\_32  
455 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KA=0.278 LeftWall\_32  
456 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KP=4.67 LeftWall\_32  
457 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=4 LeftWall\_32  
458 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
459 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=4 LeftWall\_32  
460 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
461 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=8 LeftWall\_32  
462 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
463 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=8 LeftWall\_32  
464 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
465 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=16 LeftWall\_32  
466 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
467 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=16 LeftWall\_32  
468 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
469 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=24 LeftWall\_32  
470 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
471 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=24 LeftWall\_32  
472 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
473 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-COHE=24 LeftWall\_32  
474 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-ADHES=0 LeftWall\_32  
475 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-COHE=24 LeftWall\_32  
476 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-ADHES=0 LeftWall\_32  
477 : SETWALL LeftWall\_32  
478 : GEOM 0 0  
479 : WATER -0.5 0 -18 0 0  
480 : ADD WallElement\_33  
481 : ENDSTEP  
482 : STEP Stage2\_240  
483 : SETWALL LeftWall\_32  
484 : GEOM 0 -3.5  
485 : WATER -2.5 1.5 -18 0 0  
486 : ENDSTEP  
487 : STEP Stage3\_343  
488 : SETWALL LeftWall\_32  
489 : GEOM 0 -3.5  
490 : WATER -2.5 1.5 -18 0 0  
491 : ADD Tieback\_652  
492 : ENDSTEP  
493 : STEP Stage4\_446  
494 : SETWALL LeftWall\_32  
495 : GEOM 0 -9.5  
496 : WATER -8.5 1.5 -18 0 0  
497 : ENDSTEP  
498 : STEP Stage5\_549  
499 : SETWALL LeftWall\_32  
500 : GEOM 0 -9.5  
501 : WATER -8.5 1.5 -18 0 0  
502 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.501 LeftWall\_32  
503 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.564 LeftWall\_32  
504 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.295 LeftWall\_32  
505 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.147 LeftWall\_32  
506 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.501 LeftWall\_32  
507 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.564 LeftWall\_32  
508 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.295 LeftWall\_32  
509 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.147 LeftWall\_32  
510 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAED=0.304 LeftWall\_32  
511 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAEW=0.336 LeftWall\_32  
512 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPED=4.769 LeftWall\_32  
513 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPEW=4.604 LeftWall\_32  
514 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAED=0.304 LeftWall\_32  
515 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAEW=0.336 LeftWall\_32  
516 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPED=4.769 LeftWall\_32  
517 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPEW=4.604 LeftWall\_32  
518 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAED=0.304 LeftWall\_32  
519 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAEW=0.336 LeftWall\_32  
520 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPED=4.769 LeftWall\_32  
521 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPEW=4.607 LeftWall\_32  
522 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAED=0.304 LeftWall\_32  
523 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAEW=0.336 LeftWall\_32  
524 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPED=4.769 LeftWall\_32  
525 : CHANGE Sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPEW=4.607 LeftWall\_32  
526 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAED=0.316 LeftWall\_32  
527 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAEW=0.348 LeftWall\_32

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528 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPED=4.489 LeftWall\_32  
529 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPEW=4.334 LeftWall\_32  
530 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAED=0.316 LeftWall\_32  
531 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAEW=0.348 LeftWall\_32  
532 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPED=4.489 LeftWall\_32  
533 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPEW=4.334 LeftWall\_32  
534 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KAED=0.316 LeftWall\_32  
535 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KAEW=0.353 LeftWall\_32  
536 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KPED=4.489 LeftWall\_32  
537 : CHANGE Limosabbiosol\_237\_225\_L\_0 U-KPEW=4.31 LeftWall\_32  
538 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KAED=0.316 LeftWall\_32  
539 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KAEW=0.353 LeftWall\_32  
540 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KPED=4.489 LeftWall\_32  
541 : CHANGE Limosabbiosol\_237\_225\_L\_0 D-KPEW=4.31 LeftWall\_32  
542 : EQK USER 0.0618 0 0 26.57 0.66 0 0.66 1 0  
543 : DLOAD step LeftWall\_32 -9.5 4.511 0 4.511  
544 : DLOAD step LeftWall\_32 -9.5 0.7766 0 0.7766  
545 : DLOAD step LeftWall\_32 -8.7 1.984 -8.5 0  
546 : DLOAD step LeftWall\_32 -8.9 2.806 -8.7 1.984  
547 : DLOAD step LeftWall\_32 -9.1 3.437 -8.9 2.806  
548 : DLOAD step LeftWall\_32 -9.3 3.969 -9.1 3.437  
549 : DLOAD step LeftWall\_32 -9.5 4.437 -9.3 3.969  
550 : DLOAD step LeftWall\_32 -9.7 4.86 -9.5 4.437  
551 : DLOAD step LeftWall\_32 -9.9 5.25 -9.7 4.86  
552 : DLOAD step LeftWall\_32 -10.1 5.612 -9.9 5.25  
553 : DLOAD step LeftWall\_32 -10.3 5.953 -10.1 5.612  
554 : DLOAD step LeftWall\_32 -10.5 6.275 -10.3 5.953  
555 : DLOAD step LeftWall\_32 -10.7 6.581 -10.5 6.275  
556 : DLOAD step LeftWall\_32 -10.9 6.874 -10.7 6.581  
557 : DLOAD step LeftWall\_32 -11.1 7.154 -10.9 6.874  
558 : DLOAD step LeftWall\_32 -11.3 7.425 -11.1 7.154  
559 : DLOAD step LeftWall\_32 -11.5 7.685 -11.3 7.425  
560 : DLOAD step LeftWall\_32 -11.7 7.937 -11.5 7.685  
561 : DLOAD step LeftWall\_32 -11.9 8.181 -11.7 7.937  
562 : DLOAD step LeftWall\_32 -12.1 8.419 -11.9 8.181  
563 : DLOAD step LeftWall\_32 -12.3 8.649 -12.1 8.419  
564 : DLOAD step LeftWall\_32 -12.5 8.874 -12.3 8.649  
565 : DLOAD step LeftWall\_32 -12.7 9.093 -12.5 8.874  
566 : DLOAD step LeftWall\_32 -12.9 9.307 -12.7 9.093  
567 : DLOAD step LeftWall\_32 -13.1 9.516 -12.9 9.307  
568 : DLOAD step LeftWall\_32 -13.3 9.721 -13.1 9.516  
569 : DLOAD step LeftWall\_32 -13.5 9.921 -13.3 9.721  
570 : DLOAD step LeftWall\_32 -13.7 10.12 -13.5 9.921  
571 : DLOAD step LeftWall\_32 -13.9 10.31 -13.7 10.12  
572 : DLOAD step LeftWall\_32 -14.1 10.5 -13.9 10.31  
573 : DLOAD step LeftWall\_32 -14.3 10.69 -14.1 10.5  
574 : DLOAD step LeftWall\_32 -14.5 10.87 -14.3 10.69  
575 : DLOAD step LeftWall\_32 -14.7 11.05 -14.5 10.87  
576 : DLOAD step LeftWall\_32 -14.9 11.22 -14.7 11.05  
577 : DLOAD step LeftWall\_32 -15.1 11.4 -14.9 11.22  
578 : DLOAD step LeftWall\_32 -15.3 11.57 -15.1 11.4  
579 : DLOAD step LeftWall\_32 -15.5 11.74 -15.3 11.57  
580 : DLOAD step LeftWall\_32 -15.7 11.91 -15.5 11.74  
581 : DLOAD step LeftWall\_32 -15.9 12.07 -15.7 11.91  
582 : DLOAD step LeftWall\_32 -16.1 12.23 -15.9 12.07  
583 : DLOAD step LeftWall\_32 -16.3 12.39 -16.1 12.23  
584 : DLOAD step LeftWall\_32 -16.5 12.55 -16.3 12.39  
585 : DLOAD step LeftWall\_32 -16.7 12.71 -16.5 12.55  
586 : DLOAD step LeftWall\_32 -16.9 12.86 -16.7 12.71  
587 : DLOAD step LeftWall\_32 -17.1 13.01 -16.9 12.86  
588 : DLOAD step LeftWall\_32 -17.3 13.16 -17.1 13.01  
589 : DLOAD step LeftWall\_32 -17.5 13.31 -17.3 13.16  
590 : DLOAD step LeftWall\_32 -17.7 13.46 -17.5 13.31  
591 : DLOAD step LeftWall\_32 -17.9 13.6 -17.7 13.46  
592 : DLOAD step LeftWall\_32 -18 13.68 -17.9 13.6  
593 : DLOAD step LeftWall\_32 -10.2 1.821 -10 0  
594 : DLOAD step LeftWall\_32 -10.4 2.575 -10.2 1.821  
595 : DLOAD step LeftWall\_32 -10.6 3.154 -10.4 2.575  
596 : DLOAD step LeftWall\_32 -10.8 3.642 -10.6 3.154  
597 : DLOAD step LeftWall\_32 -11 4.072 -10.8 3.642  
598 : DLOAD step LeftWall\_32 -11.2 4.46 -11 4.072  
599 : DLOAD step LeftWall\_32 -11.4 4.818 -11.2 4.46  
600 : DLOAD step LeftWall\_32 -11.6 5.15 -11.4 4.818  
601 : DLOAD step LeftWall\_32 -11.8 5.463 -11.6 5.15  
602 : DLOAD step LeftWall\_32 -12 5.758 -11.8 5.463  
603 : DLOAD step LeftWall\_32 -12.2 6.039 -12 5.758  
604 : DLOAD step LeftWall\_32 -12.4 6.308 -12.2 6.039  
605 : DLOAD step LeftWall\_32 -12.6 6.565 -12.4 6.308  
606 : DLOAD step LeftWall\_32 -12.8 6.813 -12.6 6.565  
607 : DLOAD step LeftWall\_32 -13 7.052 -12.8 6.813  
608 : DLOAD step LeftWall\_32 -13.2 7.284 -13 7.052  
609 : DLOAD step LeftWall\_32 -13.4 7.508 -13.2 7.284  
610 : DLOAD step LeftWall\_32 -13.6 7.725 -13.4 7.508  
611 : DLOAD step LeftWall\_32 -13.8 7.937 -13.6 7.725  
612 : DLOAD step LeftWall\_32 -14 8.143 -13.8 7.937  
613 : DLOAD step LeftWall\_32 -14.2 8.344 -14 8.143  
614 : DLOAD step LeftWall\_32 -14.4 8.541 -14.2 8.344  
615 : DLOAD step LeftWall\_32 -14.6 8.733 -14.4 8.541  
616 : DLOAD step LeftWall\_32 -14.8 8.921 -14.6 8.733  
617 : DLOAD step LeftWall\_32 -15 9.105 -14.8 8.921

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```
618 : DLOAD step LeftWall_32 -15.2 9.285 -15 9.105
619 : DLOAD step LeftWall_32 -15.4 9.462 -15.2 9.285
620 : DLOAD step LeftWall_32 -15.6 9.635 -15.4 9.462
621 : DLOAD step LeftWall_32 -15.8 9.806 -15.6 9.635
622 : DLOAD step LeftWall_32 -16 9.973 -15.8 9.806
623 : DLOAD step LeftWall_32 -16.2 10.14 -16 9.973
624 : DLOAD step LeftWall_32 -16.4 10.3 -16.2 10.14
625 : DLOAD step LeftWall_32 -16.6 10.46 -16.4 10.3
626 : DLOAD step LeftWall_32 -16.8 10.62 -16.6 10.46
627 : DLOAD step LeftWall_32 -17 10.77 -16.8 10.62
628 : DLOAD step LeftWall_32 -17.2 10.93 -17 10.77
629 : DLOAD step LeftWall_32 -17.4 11.08 -17.2 10.93
630 : DLOAD step LeftWall_32 -17.6 11.22 -17.4 11.08
631 : DLOAD step LeftWall_32 -17.8 11.37 -17.6 11.22
632 : DLOAD step LeftWall_32 -18 11.52 -17.8 11.37
633 : DLOAD step LeftWall_32 -18 11.52 -18 11.52
634 : ENDSTEP
```

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:48

N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.0000	/	52	0.0000	-10.2000	/
53	0.0000	-10.400	/	54	0.0000	-10.600	/	55	0.0000	-10.800	/	56	0.0000	-11.000	/
57	0.0000	-11.200	/	58	0.0000	-11.400	/	59	0.0000	-11.600	/	60	0.0000	-11.800	/
61	0.0000	-12.000	/	62	0.0000	-12.200	/	63	0.0000	-12.400	/	64	0.0000	-12.600	/
65	0.0000	-12.800	/	66	0.0000	-13.000	/	67	0.0000	-13.200	/	68	0.0000	-13.400	/
69	0.0000	-13.600	/	70	0.0000	-13.800	/	71	0.0000	-14.000	/	72	0.0000	-14.200	/
73	0.0000	-14.400	/	74	0.0000	-14.600	/	75	0.0000	-14.800	/	76	0.0000	-15.000	/
77	0.0000	-15.200	/	78	0.0000	-15.400	/	79	0.0000	-15.600	/	80	0.0000	-15.800	/
81	0.0000	-16.000	/	82	0.0000	-16.200	/	83	0.0000	-16.400	/	84	0.0000	-16.600	/
85	0.0000	-16.800	/	86	0.0000	-17.000	/	87	0.0000	-17.200	/	88	0.0000	-17.400	/
89	0.0000	-17.600	/	90	0.0000	-17.800	/	91	0.0000	-18.000	/				



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                NewProject.BaseDesignSection_28.SISMICAGEO_3865
                Exe Time : 8 June 2018      11:15:48
    -----
    
```

ELEMENT GROUP NO. 1

0\_L  
5 91 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

```

stage  status
-----
 1  active
 2  active
 3  active
 4  active
 5  active
    
```

```

material set no.  1

prop( 1) angle          0.00000
prop( 2) layer as foreseen 1.00000
    
```

```

material set no.  2

prop( 1) angle          0.00000
prop( 2) layer as foreseen 2.00000
    
```

```

material set no.  3

prop( 1) angle          0.00000
prop( 2) layer as foreseen 3.00000
    
```

```

material set no.  4

prop( 1) angle          0.00000
prop( 2) layer as foreseen 4.00000
    
```

```

material set no.  5

prop( 1) angle          0.00000
prop( 2) layer as foreseen 5.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000

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29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.2000	0.000	0.000	0.000	1.000
72	72	5	0.2000	0.000	0.000	0.000	1.000
73	73	5	0.2000	0.000	0.000	0.000	1.000
74	74	5	0.2000	0.000	0.000	0.000	1.000
75	75	5	0.2000	0.000	0.000	0.000	1.000
76	76	5	0.2000	0.000	0.000	0.000	1.000
77	77	5	0.2000	0.000	0.000	0.000	1.000
78	78	5	0.2000	0.000	0.000	0.000	1.000
79	79	5	0.2000	0.000	0.000	0.000	1.000
80	80	5	0.2000	0.000	0.000	0.000	1.000
81	81	5	0.2000	0.000	0.000	0.000	1.000
82	82	5	0.2000	0.000	0.000	0.000	1.000
83	83	5	0.2000	0.000	0.000	0.000	1.000
84	84	5	0.2000	0.000	0.000	0.000	1.000
85	85	5	0.2000	0.000	0.000	0.000	1.000
86	86	5	0.2000	0.000	0.000	0.000	1.000
87	87	5	0.2000	0.000	0.000	0.000	1.000
88	88	5	0.2000	0.000	0.000	0.000	1.000
89	89	5	0.2000	0.000	0.000	0.000	1.000
90	90	5	0.2000	0.000	0.000	0.000	1.000
91	91	5	0.1000	0.000	0.000	0.000	1.000

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ELEMENT GROUP NO. 2

0\_R  
 5 91 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 5 0 0 0 0

.....  
 .....2D PLASTIC SOIL .....  
 .....

element group behaviour throughout stage analysis

stage status  
 -----  
 1 active  
 2 active  
 3 active  
 4 active  
 5 active

material set no. 1  
 prop( 1) angle 180.000  
 prop( 2) layer as foreseen 1.00000

material set no. 2  
 prop( 1) angle 180.000  
 prop( 2) layer as foreseen 2.00000

material set no. 3  
 prop( 1) angle 180.000  
 prop( 2) layer as foreseen 3.00000

material set no. 4  
 prop( 1) angle 180.000  
 prop( 2) layer as foreseen 4.00000

material set no. 5  
 prop( 1) angle 180.000  
 prop( 2) layer as foreseen 5.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000



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29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.2000	0.000	0.000	0.000	2.000
72	72	5	0.2000	0.000	0.000	0.000	2.000
73	73	5	0.2000	0.000	0.000	0.000	2.000
74	74	5	0.2000	0.000	0.000	0.000	2.000
75	75	5	0.2000	0.000	0.000	0.000	2.000
76	76	5	0.2000	0.000	0.000	0.000	2.000
77	77	5	0.2000	0.000	0.000	0.000	2.000
78	78	5	0.2000	0.000	0.000	0.000	2.000
79	79	5	0.2000	0.000	0.000	0.000	2.000
80	80	5	0.2000	0.000	0.000	0.000	2.000
81	81	5	0.2000	0.000	0.000	0.000	2.000
82	82	5	0.2000	0.000	0.000	0.000	2.000
83	83	5	0.2000	0.000	0.000	0.000	2.000
84	84	5	0.2000	0.000	0.000	0.000	2.000
85	85	5	0.2000	0.000	0.000	0.000	2.000
86	86	5	0.2000	0.000	0.000	0.000	2.000
87	87	5	0.2000	0.000	0.000	0.000	2.000
88	88	5	0.2000	0.000	0.000	0.000	2.000
89	89	5	0.2000	0.000	0.000	0.000	2.000
90	90	5	0.2000	0.000	0.000	0.000	2.000
91	91	5	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33  
2 90 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active  
4 active  
5 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future .....0.294300E-43

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000  
4 1.000  
5 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000

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42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000
46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000
71	71	72	1	0.000	0.000	0.6225	0.000	0.000
72	72	73	1	0.000	0.000	0.6225	0.000	0.000
73	73	74	1	0.000	0.000	0.6225	0.000	0.000
74	74	75	1	0.000	0.000	0.6225	0.000	0.000
75	75	76	1	0.000	0.000	0.6225	0.000	0.000
76	76	77	1	0.000	0.000	0.6225	0.000	0.000
77	77	78	1	0.000	0.000	0.6225	0.000	0.000
78	78	79	1	0.000	0.000	0.6225	0.000	0.000
79	79	80	1	0.000	0.000	0.6225	0.000	0.000
80	80	81	1	0.000	0.000	0.6225	0.000	0.000
81	81	82	1	0.000	0.000	0.6225	0.000	0.000
82	82	83	1	0.000	0.000	0.6225	0.000	0.000
83	83	84	1	0.000	0.000	0.6225	0.000	0.000
84	84	85	1	0.000	0.000	0.6225	0.000	0.000
85	85	86	1	0.000	0.000	0.6225	0.000	0.000
86	86	87	1	0.000	0.000	0.6225	0.000	0.000
87	87	88	1	0.000	0.000	0.6225	0.000	0.000
88	88	89	1	0.000	0.000	0.6225	0.000	0.000
89	89	90	1	0.000	0.000	0.6225	0.000	0.000
90	90	91	1	0.000	0.000	0.6225	0.000	0.000

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```

ELEMENT GROUP NO. 4

```

Tieback_652
6 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 2 0

```

```

.....
.....2D POST-TENSION ANCHOR.....
.....

```

element group behaviour throughout stage analysis

```

stage  status
-----
1  inactive
2  inactive
3  active
4  active
5  active

```

material set no. 1

```

prop( 1) angle      15.0000
prop( 2) young modulus 0.200100E+09
prop( 3) modification time 0.00000
prop( 4) new young modulus 0.00000

```

no. of step variable items: 2

```

step  -ve lim  +ve lim
-----
1  0.000  0.000
2  0.000  0.000
3  0.000  0.000
4  0.000  0.000
5  0.000  0.000

```

element data

```

el  n  mat      a/l    pinit  yieldc  yieldt
-----
1  16  1    0.2059E-04  250.0  0.000  0.000

```

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 10  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
3.80000	0.0000E+00
4.00000	0.1000E+01
4.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
4.80000	0.0000E+00
5.00000	0.1000E+01
5.20000	0.0000E+00
6.00000	0.0000E+00

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
6.00000	0.1000E+01



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LOAD FUNCTION NUMBER = 7  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 8  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 9  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
3.80000	0.0000E+00
4.00000	0.1000E+01
6.00000	0.1000E+01

LOAD FUNCTION NUMBER = 10  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
4.80000	0.0000E+00
5.00000	0.1000E+01
6.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 4.511  
Z-COORD 0.000 PRESSURE 4.511  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 48			
NODE	Z-LVL	FORCE /	NODE
48	-.9400E+01	0.6790609E+00 /	47
45	-.8800E+01	0.9069969E+00 /	44
42	-.8200E+01	0.9069992E+00 /	41
39	-.7600E+01	0.9069969E+00 /	38
36	-.7000E+01	0.9069992E+00 /	35
33	-.6400E+01	0.9069992E+00 /	32
30	-.5800E+01	0.9069992E+00 /	29
27	-.5200E+01	0.9069992E+00 /	26
24	-.4600E+01	0.9069969E+00 /	23
21	-.4000E+01	0.9069992E+00 /	20
18	-.3400E+01	0.9069992E+00 /	17
15	-.2800E+01	0.9069992E+00 /	14
12	-.2200E+01	0.9069992E+00 /	11
9	-.1600E+01	0.9069992E+00 /	8
6	-.1000E+01	0.9069992E+00 /	5
3	-.4000E+00	0.9069992E+00 /	2

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 42.854

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 0.7766  
Z-COORD 0.000 PRESSURE 0.7766  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 48			
NODE	Z-LVL	FORCE /	NODE
48	-.9400E+01	0.1169050E+00 /	47
45	-.8800E+01	0.1561458E+00 /	44
42	-.8200E+01	0.1561462E+00 /	41
39	-.7600E+01	0.1561458E+00 /	38
36	-.7000E+01	0.1561462E+00 /	35
33	-.6400E+01	0.1561462E+00 /	32

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30	- .5800E+01	0.1561462E+00 /	29	- .5600E+01	0.1561458E+00 /	28	- .5400E+01	0.1561458E+00 /
27	- .5200E+01	0.1561462E+00 /	26	- .5000E+01	0.1561462E+00 /	25	- .4800E+01	0.1561462E+00 /
24	- .4600E+01	0.1561458E+00 /	23	- .4400E+01	0.1561458E+00 /	22	- .4200E+01	0.1561462E+00 /
21	- .4000E+01	0.1561462E+00 /	20	- .3800E+01	0.1561462E+00 /	19	- .3600E+01	0.1561462E+00 /
18	- .3400E+01	0.1561462E+00 /	17	- .3200E+01	0.1561462E+00 /	16	- .3000E+01	0.1561462E+00 /
15	- .2800E+01	0.1561462E+00 /	14	- .2600E+01	0.1561462E+00 /	13	- .2400E+01	0.1561462E+00 /
12	- .2200E+01	0.1561462E+00 /	11	- .2000E+01	0.1561462E+00 /	10	- .1800E+01	0.1561462E+00 /
9	- .1600E+01	0.1561462E+00 /	8	- .1400E+01	0.1561462E+00 /	7	- .1200E+01	0.1561462E+00 /
6	- .1000E+01	0.1561462E+00 /	5	- .8000E+00	0.1561462E+00 /	4	- .6000E+00	0.1561462E+00 /
3	- .4000E+00	0.1561462E+00 /	2	- .2000E+00	0.1561462E+00 /	1	0.0000E+00	0.7807311E-01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 7.3777

PROCESSING DISTRIBUTED LOADS CARD NO. 3  
 AT Y-COORD 0.000 Z-COORD -8.700 PRESSURE 1.984  
 Z-COORD -8.500 PRESSURE 0.000  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 44 - .8600E+01 0.1984000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.19840

PROCESSING DISTRIBUTED LOADS CARD NO. 4  
 AT Y-COORD 0.000 Z-COORD -8.900 PRESSURE 2.806  
 Z-COORD -8.700 PRESSURE 1.984  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 45 - .8800E+01 0.4790000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.47900

PROCESSING DISTRIBUTED LOADS CARD NO. 5  
 AT Y-COORD 0.000 Z-COORD -9.100 PRESSURE 3.437  
 Z-COORD -8.900 PRESSURE 2.806  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 46 - .9000E+01 0.6243000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.62430

PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -9.300 PRESSURE 3.969  
 Z-COORD -9.100 PRESSURE 3.437  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 47 - .9200E+01 0.7406000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.74060

PROCESSING DISTRIBUTED LOADS CARD NO. 7  
 AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 4.437  
 Z-COORD -9.300 PRESSURE 3.969  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 48 - .9400E+01 0.8406000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.84060

PROCESSING DISTRIBUTED LOADS CARD NO. 8  
 AT Y-COORD 0.000 Z-COORD -9.700 PRESSURE 4.860  
 Z-COORD -9.500 PRESSURE 4.437  
 L.CURVE 5



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NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 49 -.9600E+01 0.9297000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.92970

PROCESSING DISTRIBUTED LOADS CARD NO. 9  
 AT Y-COORD 0.000 Z-COORD -9.900 PRESSURE 5.250  
 Z-COORD -9.700 PRESSURE 4.860  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 50 -.9800E+01 0.1011000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0110

PROCESSING DISTRIBUTED LOADS CARD NO. 10  
 AT Y-COORD 0.000 Z-COORD -10.10 PRESSURE 5.612  
 Z-COORD -9.900 PRESSURE 5.250  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 51 -.1000E+02 0.1086200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0862

PROCESSING DISTRIBUTED LOADS CARD NO. 11  
 AT Y-COORD 0.000 Z-COORD -10.30 PRESSURE 5.953  
 Z-COORD -10.10 PRESSURE 5.612  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 52 -.1020E+02 0.1156500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1565

PROCESSING DISTRIBUTED LOADS CARD NO. 12  
 AT Y-COORD 0.000 Z-COORD -10.50 PRESSURE 6.275  
 Z-COORD -10.30 PRESSURE 5.953  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 53 -.1040E+02 0.1222800E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2228

PROCESSING DISTRIBUTED LOADS CARD NO. 13  
 AT Y-COORD 0.000 Z-COORD -10.70 PRESSURE 6.581  
 Z-COORD -10.50 PRESSURE 6.275  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 54 -.1060E+02 0.1285600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2856

PROCESSING DISTRIBUTED LOADS CARD NO. 14  
 AT Y-COORD 0.000 Z-COORD -10.90 PRESSURE 6.874  
 Z-COORD -10.70 PRESSURE 6.581  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 55 -.1080E+02 0.1345500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3455

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PROCESSING DISTRIBUTED LOADS CARD NO. 15  
 AT Y-COORD 0.000 Z-COORD -11.10 PRESSURE 7.154  
 Z-COORD -10.90 PRESSURE 6.874  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 56 -.1100E+02 0.1402800E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4028

PROCESSING DISTRIBUTED LOADS CARD NO. 16  
 AT Y-COORD 0.000 Z-COORD -11.30 PRESSURE 7.425  
 Z-COORD -11.10 PRESSURE 7.154  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 57 -.1120E+02 0.1457900E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4579

PROCESSING DISTRIBUTED LOADS CARD NO. 17  
 AT Y-COORD 0.000 Z-COORD -11.50 PRESSURE 7.685  
 Z-COORD -11.30 PRESSURE 7.425  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 58 -.1140E+02 0.1511000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5110

PROCESSING DISTRIBUTED LOADS CARD NO. 18  
 AT Y-COORD 0.000 Z-COORD -11.70 PRESSURE 7.937  
 Z-COORD -11.50 PRESSURE 7.685  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 59 -.1160E+02 0.1562200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5622

PROCESSING DISTRIBUTED LOADS CARD NO. 19  
 AT Y-COORD 0.000 Z-COORD -11.90 PRESSURE 8.181  
 Z-COORD -11.70 PRESSURE 7.937  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 60 -.1180E+02 0.1611800E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6118

PROCESSING DISTRIBUTED LOADS CARD NO. 20  
 AT Y-COORD 0.000 Z-COORD -12.10 PRESSURE 8.419  
 Z-COORD -11.90 PRESSURE 8.181  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 61 -.1200E+02 0.1660000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6600

PROCESSING DISTRIBUTED LOADS CARD NO. 21  
 AT Y-COORD 0.000 Z-COORD -12.30 PRESSURE 8.649  
 Z-COORD -12.10 PRESSURE 8.419

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L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
62	-.1220E+02	0.1706800E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7068

PROCESSING DISTRIBUTED LOADS CARD NO. 22

AT Y-COORD	0.000	Z-COORD	-12.50	PRESSURE	8.874
		Z-COORD	-12.30	PRESSURE	8.649

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
63	-.1240E+02	0.1752300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7523

PROCESSING DISTRIBUTED LOADS CARD NO. 23

AT Y-COORD	0.000	Z-COORD	-12.70	PRESSURE	9.093
		Z-COORD	-12.50	PRESSURE	8.874

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
64	-.1260E+02	0.1796700E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7967

PROCESSING DISTRIBUTED LOADS CARD NO. 24

AT Y-COORD	0.000	Z-COORD	-12.90	PRESSURE	9.307
		Z-COORD	-12.70	PRESSURE	9.093

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
65	-.1280E+02	0.1840000E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8400

PROCESSING DISTRIBUTED LOADS CARD NO. 25

AT Y-COORD	0.000	Z-COORD	-13.10	PRESSURE	9.516
		Z-COORD	-12.90	PRESSURE	9.307

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
66	-.1300E+02	0.1882300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8823

PROCESSING DISTRIBUTED LOADS CARD NO. 26

AT Y-COORD	0.000	Z-COORD	-13.30	PRESSURE	9.721
		Z-COORD	-13.10	PRESSURE	9.516

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
67	-.1320E+02	0.1923700E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9237

PROCESSING DISTRIBUTED LOADS CARD NO. 27

AT Y-COORD	0.000	Z-COORD	-13.50	PRESSURE	9.921
		Z-COORD	-13.30	PRESSURE	9.721

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
68	-.1340E+02	0.1964200E+01 /				

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9642

PROCESSING DISTRIBUTED LOADS CARD NO. 28  
AT Y-COORD 0.000 Z-COORD -13.70 PRESSURE 10.12  
Z-COORD -13.50 PRESSURE 9.921

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
69 -.1360E+02 0.2004100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0041

PROCESSING DISTRIBUTED LOADS CARD NO. 29  
AT Y-COORD 0.000 Z-COORD -13.90 PRESSURE 10.31  
Z-COORD -13.70 PRESSURE 10.12

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
70 -.1380E+02 0.2043000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0430

PROCESSING DISTRIBUTED LOADS CARD NO. 30  
AT Y-COORD 0.000 Z-COORD -14.10 PRESSURE 10.50  
Z-COORD -13.90 PRESSURE 10.31

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
71 -.1400E+02 0.2081000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0810

PROCESSING DISTRIBUTED LOADS CARD NO. 31  
AT Y-COORD 0.000 Z-COORD -14.30 PRESSURE 10.69  
Z-COORD -14.10 PRESSURE 10.50

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
72 -.1420E+02 0.2119000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1190

PROCESSING DISTRIBUTED LOADS CARD NO. 32  
AT Y-COORD 0.000 Z-COORD -14.50 PRESSURE 10.87  
Z-COORD -14.30 PRESSURE 10.69

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
73 -.1440E+02 0.2156000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1560

PROCESSING DISTRIBUTED LOADS CARD NO. 33  
AT Y-COORD 0.000 Z-COORD -14.70 PRESSURE 11.05  
Z-COORD -14.50 PRESSURE 10.87

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
74 -.1460E+02 0.2192000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1920

PROCESSING DISTRIBUTED LOADS CARD NO. 34

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AT Y-COORD 0.000 Z-COORD -14.90 PRESSURE 11.22  
Z-COORD -14.70 PRESSURE 11.05  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
75 -.1480E+02 0.2227000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2270

PROCESSING DISTRIBUTED LOADS CARD NO. 35  
AT Y-COORD 0.000 Z-COORD -15.10 PRESSURE 11.40  
Z-COORD -14.90 PRESSURE 11.22  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
76 -.1500E+02 0.2262000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2620

PROCESSING DISTRIBUTED LOADS CARD NO. 36  
AT Y-COORD 0.000 Z-COORD -15.30 PRESSURE 11.57  
Z-COORD -15.10 PRESSURE 11.40  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
77 -.1520E+02 0.2297000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2970

PROCESSING DISTRIBUTED LOADS CARD NO. 37  
AT Y-COORD 0.000 Z-COORD -15.50 PRESSURE 11.74  
Z-COORD -15.30 PRESSURE 11.57  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
78 -.1540E+02 0.2331000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3310

PROCESSING DISTRIBUTED LOADS CARD NO. 38  
AT Y-COORD 0.000 Z-COORD -15.70 PRESSURE 11.91  
Z-COORD -15.50 PRESSURE 11.74  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
79 -.1560E+02 0.2365000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3650

PROCESSING DISTRIBUTED LOADS CARD NO. 39  
AT Y-COORD 0.000 Z-COORD -15.90 PRESSURE 12.07  
Z-COORD -15.70 PRESSURE 11.91  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
80 -.1580E+02 0.2398000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3980

PROCESSING DISTRIBUTED LOADS CARD NO. 40  
AT Y-COORD 0.000 Z-COORD -16.10 PRESSURE 12.23  
Z-COORD -15.90 PRESSURE 12.07  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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81 -.1600E+02 0.2430000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4300

PROCESSING DISTRIBUTED LOADS CARD NO. 41  
AT Y-COORD 0.000 Z-COORD -16.30 PRESSURE 12.39  
Z-COORD -16.10 PRESSURE 12.23  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

82 -.1620E+02 0.2462000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4620

PROCESSING DISTRIBUTED LOADS CARD NO. 42  
AT Y-COORD 0.000 Z-COORD -16.50 PRESSURE 12.55  
Z-COORD -16.30 PRESSURE 12.39  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

83 -.1640E+02 0.2494000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4940

PROCESSING DISTRIBUTED LOADS CARD NO. 43  
AT Y-COORD 0.000 Z-COORD -16.70 PRESSURE 12.71  
Z-COORD -16.50 PRESSURE 12.55  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

84 -.1660E+02 0.2526000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5260

PROCESSING DISTRIBUTED LOADS CARD NO. 44  
AT Y-COORD 0.000 Z-COORD -16.90 PRESSURE 12.86  
Z-COORD -16.70 PRESSURE 12.71  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

85 -.1680E+02 0.2557000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5570

PROCESSING DISTRIBUTED LOADS CARD NO. 45  
AT Y-COORD 0.000 Z-COORD -17.10 PRESSURE 13.01  
Z-COORD -16.90 PRESSURE 12.86  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

86 -.1700E+02 0.2587000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5870

PROCESSING DISTRIBUTED LOADS CARD NO. 46  
AT Y-COORD 0.000 Z-COORD -17.30 PRESSURE 13.16  
Z-COORD -17.10 PRESSURE 13.01  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

87 -.1720E+02 0.2617000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6170

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PROCESSING DISTRIBUTED LOADS CARD NO. 47  
 AT Y-COORD 0.000 Z-COORD -17.50 PRESSURE 13.31  
 Z-COORD -17.30 PRESSURE 13.16  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 88 -.1740E+02 0.2647000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6470

PROCESSING DISTRIBUTED LOADS CARD NO. 48  
 AT Y-COORD 0.000 Z-COORD -17.70 PRESSURE 13.46  
 Z-COORD -17.50 PRESSURE 13.31  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 89 -.1760E+02 0.2677000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6770

PROCESSING DISTRIBUTED LOADS CARD NO. 49  
 AT Y-COORD 0.000 Z-COORD -17.90 PRESSURE 13.60  
 Z-COORD -17.70 PRESSURE 13.46  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 90 -.1780E+02 0.2706000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.7060

PROCESSING DISTRIBUTED LOADS CARD NO. 50  
 AT Y-COORD 0.000 Z-COORD -18.00 PRESSURE 13.68  
 Z-COORD -17.90 PRESSURE 13.60  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 91 -.1800E+02 0.1364000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3640

PROCESSING DISTRIBUTED LOADS CARD NO. 51  
 AT Y-COORD 0.000 Z-COORD -10.20 PRESSURE 1.821  
 Z-COORD -10.00 PRESSURE 0.000  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 52 -.1020E+02 0.1821000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.18210

PROCESSING DISTRIBUTED LOADS CARD NO. 52  
 AT Y-COORD 0.000 Z-COORD -10.40 PRESSURE 2.575  
 Z-COORD -10.20 PRESSURE 1.821  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 53 -.1040E+02 0.4396000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.43960

PROCESSING DISTRIBUTED LOADS CARD NO. 53  
 AT Y-COORD 0.000 Z-COORD -10.60 PRESSURE 3.154  
 Z-COORD -10.40 PRESSURE 2.575  
 L.CURVE 5

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NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 54 -.1060E+02 0.5729000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.57290

PROCESSING DISTRIBUTED LOADS CARD NO. 54  
 AT Y-COORD 0.000 Z-COORD -10.80 PRESSURE 3.642  
 Z-COORD -10.60 PRESSURE 3.154  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 55 -.1080E+02 0.6796000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.67960

PROCESSING DISTRIBUTED LOADS CARD NO. 55  
 AT Y-COORD 0.000 Z-COORD -11.00 PRESSURE 4.072  
 Z-COORD -10.80 PRESSURE 3.642  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 56 -.1100E+02 0.7714000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.77140

PROCESSING DISTRIBUTED LOADS CARD NO. 56  
 AT Y-COORD 0.000 Z-COORD -11.20 PRESSURE 4.460  
 Z-COORD -11.00 PRESSURE 4.072  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 57 -.1120E+02 0.8532000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.85320

PROCESSING DISTRIBUTED LOADS CARD NO. 57  
 AT Y-COORD 0.000 Z-COORD -11.40 PRESSURE 4.818  
 Z-COORD -11.20 PRESSURE 4.460  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 58 -.1140E+02 0.9278000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.92780

PROCESSING DISTRIBUTED LOADS CARD NO. 58  
 AT Y-COORD 0.000 Z-COORD -11.60 PRESSURE 5.150  
 Z-COORD -11.40 PRESSURE 4.818  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 59 -.1160E+02 0.9968000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.99680

PROCESSING DISTRIBUTED LOADS CARD NO. 59  
 AT Y-COORD 0.000 Z-COORD -11.80 PRESSURE 5.463  
 Z-COORD -11.60 PRESSURE 5.150  
 L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 60 -.1180E+02 0.1061300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0613



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PROCESSING DISTRIBUTED LOADS CARD NO. 60  
 AT Y-COORD 0.000 Z-COORD -12.00 PRESSURE 5.758  
 Z-COORD -11.80 PRESSURE 5.463

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 61 -.1200E+02 0.1122100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1221

PROCESSING DISTRIBUTED LOADS CARD NO. 61  
 AT Y-COORD 0.000 Z-COORD -12.20 PRESSURE 6.039  
 Z-COORD -12.00 PRESSURE 5.758

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 62 -.1220E+02 0.1179700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1797

PROCESSING DISTRIBUTED LOADS CARD NO. 62  
 AT Y-COORD 0.000 Z-COORD -12.40 PRESSURE 6.308  
 Z-COORD -12.20 PRESSURE 6.039

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 63 -.1240E+02 0.1234700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2347

PROCESSING DISTRIBUTED LOADS CARD NO. 63  
 AT Y-COORD 0.000 Z-COORD -12.60 PRESSURE 6.565  
 Z-COORD -12.40 PRESSURE 6.308

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 64 -.1260E+02 0.1287300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2873

PROCESSING DISTRIBUTED LOADS CARD NO. 64  
 AT Y-COORD 0.000 Z-COORD -12.80 PRESSURE 6.813  
 Z-COORD -12.60 PRESSURE 6.565

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 65 -.1280E+02 0.1337800E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3378

PROCESSING DISTRIBUTED LOADS CARD NO. 65  
 AT Y-COORD 0.000 Z-COORD -13.00 PRESSURE 7.052  
 Z-COORD -12.80 PRESSURE 6.813

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 66 -.1300E+02 0.1386500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3865

PROCESSING DISTRIBUTED LOADS CARD NO. 66  
 AT Y-COORD 0.000 Z-COORD -13.20 PRESSURE 7.284  
 Z-COORD -13.00 PRESSURE 7.052

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L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
67	-.1320E+02	0.1433600E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4336

PROCESSING DISTRIBUTED LOADS CARD NO. 67

AT Y-COORD 0.000	Z-COORD -13.40	PRESSURE 7.508
	Z-COORD -13.20	PRESSURE 7.284

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
68	-.1340E+02	0.1479200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4792

PROCESSING DISTRIBUTED LOADS CARD NO. 68

AT Y-COORD 0.000	Z-COORD -13.60	PRESSURE 7.725
	Z-COORD -13.40	PRESSURE 7.508

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
69	-.1360E+02	0.1523300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5233

PROCESSING DISTRIBUTED LOADS CARD NO. 69

AT Y-COORD 0.000	Z-COORD -13.80	PRESSURE 7.937
	Z-COORD -13.60	PRESSURE 7.725

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
70	-.1380E+02	0.1566200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5662

PROCESSING DISTRIBUTED LOADS CARD NO. 70

AT Y-COORD 0.000	Z-COORD -14.00	PRESSURE 8.143
	Z-COORD -13.80	PRESSURE 7.937

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
71	-.1400E+02	0.1608000E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6080

PROCESSING DISTRIBUTED LOADS CARD NO. 71

AT Y-COORD 0.000	Z-COORD -14.20	PRESSURE 8.344
	Z-COORD -14.00	PRESSURE 8.143

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
72	-.1420E+02	0.1648700E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6487

PROCESSING DISTRIBUTED LOADS CARD NO. 72

AT Y-COORD 0.000	Z-COORD -14.40	PRESSURE 8.541
	Z-COORD -14.20	PRESSURE 8.344

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
73	-.1440E+02	0.1688500E+01 /				

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6885

PROCESSING DISTRIBUTED LOADS CARD NO. 73  
 AT Y-COORD 0.000 Z-COORD -14.60 PRESSURE 8.733  
 Z-COORD -14.40 PRESSURE 8.541

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 74 -.1460E+02 0.1727400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7274

PROCESSING DISTRIBUTED LOADS CARD NO. 74  
 AT Y-COORD 0.000 Z-COORD -14.80 PRESSURE 8.921  
 Z-COORD -14.60 PRESSURE 8.733

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 75 -.1480E+02 0.1765400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7654

PROCESSING DISTRIBUTED LOADS CARD NO. 75  
 AT Y-COORD 0.000 Z-COORD -15.00 PRESSURE 9.105  
 Z-COORD -14.80 PRESSURE 8.921

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 76 -.1500E+02 0.1802600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8026

PROCESSING DISTRIBUTED LOADS CARD NO. 76  
 AT Y-COORD 0.000 Z-COORD -15.20 PRESSURE 9.285  
 Z-COORD -15.00 PRESSURE 9.105

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 77 -.1520E+02 0.1839000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8390

PROCESSING DISTRIBUTED LOADS CARD NO. 77  
 AT Y-COORD 0.000 Z-COORD -15.40 PRESSURE 9.462  
 Z-COORD -15.20 PRESSURE 9.285

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 78 -.1540E+02 0.1874700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8747

PROCESSING DISTRIBUTED LOADS CARD NO. 78  
 AT Y-COORD 0.000 Z-COORD -15.60 PRESSURE 9.635  
 Z-COORD -15.40 PRESSURE 9.462

L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 79 -.1560E+02 0.1909700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9097

PROCESSING DISTRIBUTED LOADS CARD NO. 79

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AT Y-COORD 0.000 Z-COORD -15.80 PRESSURE 9.806  
Z-COORD -15.60 PRESSURE 9.635  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
80 -.1580E+02 0.1944100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9441

PROCESSING DISTRIBUTED LOADS CARD NO. 80  
AT Y-COORD 0.000 Z-COORD -16.00 PRESSURE 9.973  
Z-COORD -15.80 PRESSURE 9.806  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
81 -.1600E+02 0.1977900E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9779

PROCESSING DISTRIBUTED LOADS CARD NO. 81  
AT Y-COORD 0.000 Z-COORD -16.20 PRESSURE 10.14  
Z-COORD -16.00 PRESSURE 9.973  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
82 -.1620E+02 0.2011300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0113

PROCESSING DISTRIBUTED LOADS CARD NO. 82  
AT Y-COORD 0.000 Z-COORD -16.40 PRESSURE 10.30  
Z-COORD -16.20 PRESSURE 10.14  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
83 -.1640E+02 0.2044000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0440

PROCESSING DISTRIBUTED LOADS CARD NO. 83  
AT Y-COORD 0.000 Z-COORD -16.60 PRESSURE 10.46  
Z-COORD -16.40 PRESSURE 10.30  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
84 -.1660E+02 0.2076000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0760

PROCESSING DISTRIBUTED LOADS CARD NO. 84  
AT Y-COORD 0.000 Z-COORD -16.80 PRESSURE 10.62  
Z-COORD -16.60 PRESSURE 10.46  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
85 -.1680E+02 0.2108000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1080

PROCESSING DISTRIBUTED LOADS CARD NO. 85  
AT Y-COORD 0.000 Z-COORD -17.00 PRESSURE 10.77  
Z-COORD -16.80 PRESSURE 10.62  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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86 -.1700E+02 0.2139000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1390

PROCESSING DISTRIBUTED LOADS CARD NO. 86  
AT Y-COORD 0.000 Z-COORD -17.20 PRESSURE 10.93  
Z-COORD -17.00 PRESSURE 10.77  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

87 -.1720E+02 0.2170000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1700

PROCESSING DISTRIBUTED LOADS CARD NO. 87  
AT Y-COORD 0.000 Z-COORD -17.40 PRESSURE 11.08  
Z-COORD -17.20 PRESSURE 10.93  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

88 -.1740E+02 0.2201000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2010

PROCESSING DISTRIBUTED LOADS CARD NO. 88  
AT Y-COORD 0.000 Z-COORD -17.60 PRESSURE 11.22  
Z-COORD -17.40 PRESSURE 11.08  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

89 -.1760E+02 0.2230000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2300

PROCESSING DISTRIBUTED LOADS CARD NO. 89  
AT Y-COORD 0.000 Z-COORD -17.80 PRESSURE 11.37  
Z-COORD -17.60 PRESSURE 11.22  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

90 -.1780E+02 0.2259000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2590

PROCESSING DISTRIBUTED LOADS CARD NO. 90  
AT Y-COORD 0.000 Z-COORD -18.00 PRESSURE 11.52  
Z-COORD -17.80 PRESSURE 11.37  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

91 -.1800E+02 0.1152000E+01 / 90 -.1780E+02 0.1137000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2890

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 91  
AT Y-COORD 0.000 Z-COORD -18.00 PRESSURE 11.52  
Z-COORD -18.00 PRESSURE 11.52  
L.CURVE 5

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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91    -.1800E+02    0.1152000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD

1.1520

NO. OF DISTRIBUTED LOAD CARDS    91

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L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 4 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 4 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 5 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 199.26660  
STEP 5 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 5  
NO. OF DATA PER LAYER..... 100



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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	23.000	WALL NO.	2
ITEM NO.	10	U-KA	0.44900	WALL NO.	1
ITEM NO.	11	U-KP	2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	23.000	WALL NO.	2
ITEM NO.	60	D-KA	0.44900	WALL NO.	1
ITEM NO.	61	D-KP	2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	15.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	37.000	WALL NO.	2
ITEM NO.	10	U-KA	0.26700	WALL NO.	1
ITEM NO.	11	U-KP	4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	37.000	WALL NO.	2
ITEM NO.	60	D-KA	0.26700	WALL NO.	1
ITEM NO.	61	D-KP	4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	16.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	16.000	WALL NO.	1
ITEM NO.	8	U-COHE	20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	37.000	WALL NO.	2

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ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO.	1	NAME	&gt;= 17.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 1

ITEM NO.	1	NAME	&gt;= 18.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -14.000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 19.200	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 10.300	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.75000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	

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ITEM NO.	3	LEVEL	=	4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	=	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	=	16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	=	8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	=	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	=	4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	=	5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	=	18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	=	23.000	WALL NO.	2
ITEM NO.	10	U-KA	=	0.44900	WALL NO.	1
ITEM NO.	11	U-KP	=	2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	=	0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	=	1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	=	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	=	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	=	20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	=	32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	=	0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	=	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	=	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	=	4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	=	5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	=	18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	=	23.000	WALL NO.	2
ITEM NO.	60	D-KA	=	0.44900	WALL NO.	1
ITEM NO.	61	D-KP	=	2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	=	0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO.	1	NAME	=	15.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	=	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	=	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	=	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	=	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	=	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	=	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	=	8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	=	10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	=	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	=	37.000	WALL NO.	2
ITEM NO.	10	U-KA	=	0.26700	WALL NO.	1
ITEM NO.	11	U-KP	=	4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	=	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	=	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	=	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	=	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	=	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	=	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	=	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	=	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	=	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	=	8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	=	10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	=	31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	=	37.000	WALL NO.	2
ITEM NO.	60	D-KA	=	0.26700	WALL NO.	1
ITEM NO.	61	D-KP	=	4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	=	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO.	1	NAME	=	16.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	=	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	=	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	=	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	=	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	=	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	=	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	=	16.000	WALL NO.	1
ITEM NO.	8	U-COHE	=	20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	=	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	=	37.000	WALL NO.	2
ITEM NO.	10	U-KA	=	0.26700	WALL NO.	1
ITEM NO.	11	U-KP	=	4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	=	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	=	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	=	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	=	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	=	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	=	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	=	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	=	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	=	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	=	16.000	WALL NO.	1
ITEM NO.	58	D-COHE	=	20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	=	31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	=	37.000	WALL NO.	2
ITEM NO.	60	D-KA	=	0.26700	WALL NO.	1
ITEM NO.	61	D-KP	=	4.9570	WALL NO.	1

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860 di 2653

ITEM NO. 77&amp;lt;D-PERM &amp;gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO.	1&lt;NAME	&gt;= 17.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52&lt;D-NATURE&gt;=	1.0000	(BOTH WALLS)	
ITEM NO.	53&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58&lt;D-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	58&lt;D-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	59&lt;D-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	59&lt;D-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	60&lt;D-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	61&lt;D-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	77&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 2

ITEM NO.	1&lt;NAME	&gt;= 18.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= -14.000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 19.200	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 10.300	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.75000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52&lt;D-NATURE&gt;=	1.0000	(BOTH WALLS)	
ITEM NO.	53&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58&lt;D-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	58&lt;D-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	59&lt;D-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	59&lt;D-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	60&lt;D-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	61&lt;D-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	77&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1&lt;NAME	&gt;= 14.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 32000.	(BOTH WALLS)	

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ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 4.0000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 18.760 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.44900 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 2.4150 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 8.0000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 8.0000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 16.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 16.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 16.000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 17.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.6700 WALL NO. 1

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ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.6700 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 18.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -14.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 19.200 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 10.300 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.6700 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.75000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 24.000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 30.170 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.27800 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.6700 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 4

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 14.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 4.0000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 18.760 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.44900 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 2.4150 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 4.0000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 18.760 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.44900 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 2.4150 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 4

ITEM NO. 1&lt;NAME &gt;= 15.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)



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ALTA SORVEGLIANZA



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ITEM NO.	5	&lt;GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	8	&lt;U-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	9	&lt;U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9	&lt;U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10	&lt;U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE&	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	58	&lt;D-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	59	&lt;D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	&lt;D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	&lt;D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 4

ITEM NO.	1	&lt;NAME	&gt;= 16.000	(BOTH WALLS)	
ITEM NO.	2	&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	&lt;LEVEL	&gt;= -5.0000	(BOTH WALLS)	
ITEM NO.	4	&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	8	&lt;U-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	9	&lt;U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9	&lt;U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10	&lt;U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE&	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	&lt;D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	&lt;D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	&lt;D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	&lt;D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 4

ITEM NO.	1	&lt;NAME	&gt;= 17.000	(BOTH WALLS)	
ITEM NO.	2	&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	&lt;LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4	&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	&lt;U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8	&lt;U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9	&lt;U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9	&lt;U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10	&lt;U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11	&lt;U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12	&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	&lt;EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	&lt;EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	&lt;D-NATURE&	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	&lt;D-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	58	&lt;D-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	59	&lt;D-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	59	&lt;D-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	60	&lt;D-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	61	&lt;D-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	77	&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

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NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 4

ITEM NO.	1	NAME	= 18.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -14.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 19.200	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 10.300	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.75000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	= 4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 5

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 5

ITEM NO.	1	NAME	= 14.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	45	U-KAED	= 0.50100	WALL NO.	1
ITEM NO.	46	U-KAEW	= 0.56400	WALL NO.	1
ITEM NO.	47	U-KPED	= 2.2950	WALL NO.	1
ITEM NO.	48	U-KPEW	= 2.1470	WALL NO.	1
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	95	D-KAED	= 0.50100	WALL NO.	1
ITEM NO.	96	D-KAEW	= 0.56400	WALL NO.	1
ITEM NO.	97	D-KPED	= 2.2950	WALL NO.	1
ITEM NO.	98	D-KPEW	= 2.1470	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 5

ITEM NO.	1	NAME	= 15.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1



GENERAL CONTRACTOR

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ALTA SORVEGLIANZA



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ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	&gt;= 0.30400	WALL NO.	1
ITEM NO.	46	U-KAEW	&gt;= 0.33600	WALL NO.	1
ITEM NO.	47	U-KPED	&gt;= 4.7690	WALL NO.	1
ITEM NO.	48	U-KPEW	&gt;= 4.6040	WALL NO.	1
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	&gt;= 0.30400	WALL NO.	1
ITEM NO.	96	D-KAEW	&gt;= 0.33600	WALL NO.	1
ITEM NO.	97	D-KPED	&gt;= 4.7690	WALL NO.	1
ITEM NO.	98	D-KPEW	&gt;= 4.6040	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 5

ITEM NO.	1	NAME	&gt;= 16.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	&gt;= 0.30400	WALL NO.	1
ITEM NO.	46	U-KAEW	&gt;= 0.33600	WALL NO.	1
ITEM NO.	47	U-KPED	&gt;= 4.7690	WALL NO.	1
ITEM NO.	48	U-KPEW	&gt;= 4.6070	WALL NO.	1
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	&gt;= 0.30400	WALL NO.	1
ITEM NO.	96	D-KAEW	&gt;= 0.33600	WALL NO.	1
ITEM NO.	97	D-KPED	&gt;= 4.7690	WALL NO.	1
ITEM NO.	98	D-KPEW	&gt;= 4.6070	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 5

ITEM NO.	1	NAME	&gt;= 17.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	&gt;= 0.31600	WALL NO.	1
ITEM NO.	46	U-KAEW	&gt;= 0.34800	WALL NO.	1
ITEM NO.	47	U-KPED	&gt;= 4.4890	WALL NO.	1

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GRUPPO FERROVIE DELLO STATO ITALIANE

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ITEM NO.	48	U-KPEW	4.3340	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	24.0000	WALL NO.	1
ITEM NO.	58	D-COHE	30.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	30.1700	WALL NO.	1
ITEM NO.	59	D-FRICT	36.0000	WALL NO.	2
ITEM NO.	60	D-KA	0.278000	WALL NO.	1
ITEM NO.	61	D-KP	4.670000	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.316000	WALL NO.	1
ITEM NO.	96	D-KAEW	0.348000	WALL NO.	1
ITEM NO.	97	D-KPED	4.489000	WALL NO.	1
ITEM NO.	98	D-KPEW	4.334000	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 5 FOR STEP NO. 5

ITEM NO.	1	NAME	18.0000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.000000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-14.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.000000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	19.200000	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	10.300000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	24.000000	WALL NO.	1
ITEM NO.	8	U-COHE	30.000000	WALL NO.	2
ITEM NO.	9	U-FRICT	30.170000	WALL NO.	1
ITEM NO.	9	U-FRICT	36.000000	WALL NO.	2
ITEM NO.	10	U-KA	0.27800000	WALL NO.	1
ITEM NO.	11	U-KP	4.67000000	WALL NO.	1
ITEM NO.	12	K0-NC	0.75000000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.00000000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.00000000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.00000000	(BOTH WALLS)	
ITEM NO.	17	EVC	0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.31600000	WALL NO.	1
ITEM NO.	46	U-KAEW	0.35300000	WALL NO.	1
ITEM NO.	47	U-KPED	4.48900000	WALL NO.	1
ITEM NO.	48	U-KPEW	4.31000000	WALL NO.	1
ITEM NO.	52	D-NATURE	1.00000000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.00000000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	24.00000000	WALL NO.	1
ITEM NO.	58	D-COHE	30.00000000	WALL NO.	2
ITEM NO.	59	D-FRICT	30.17000000	WALL NO.	1
ITEM NO.	59	D-FRICT	36.00000000	WALL NO.	2
ITEM NO.	60	D-KA	0.27800000	WALL NO.	1
ITEM NO.	61	D-KP	4.67000000	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.31600000	WALL NO.	1
ITEM NO.	96	D-KAEW	0.35300000	WALL NO.	1
ITEM NO.	97	D-KPED	4.48900000	WALL NO.	1
ITEM NO.	98	D-KPEW	4.31000000	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 25 VALUES



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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-3.500	0.000
Z-WATER_TABLE		-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3



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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.500	0.000
Z-WATER_TABLE	-2.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

STEP NO.	LEFT WALL	RIGHT WALL
4		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 4

STEP NO.	LEFT WALL	RIGHT WALL
5		
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-9.500	0.000
Z-WATER_TABLE	-8.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-18.00	-18.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000

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PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6180E-01	0.000
MANUAL		
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	26.57	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 5

LEFT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

RIGHT-HAND WALL

LOWER LEVEL	-18.00000
UPPER LEVEL	0.00000

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:48

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 376

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.800000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.200000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.600000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 227  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 228  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 229  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 230  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.760000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 231  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.120000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 232  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.480000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 233  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.840000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 234  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.200000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 235  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.560000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 236  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 237  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 238  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 239  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 240  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 241  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 242  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 243  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 244  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 245  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 246  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 247  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 248  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 249  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 250  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 251  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 252  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 253  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 254  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 255  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 256  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 257  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 258  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 259  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 260  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 261  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 262  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 263  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 264  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 265  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 266  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 267  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 268  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 269  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 270  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 271  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 272  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 273  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 274  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 275  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 276  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 277  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 278  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 279  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 280  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 281  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 282  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 283  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 284  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 285  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 286  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 287  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 288  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 289  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 290  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 291  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 292  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 293  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 294  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 295  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 296  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 297  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 298  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 299  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 300  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 301  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 4.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 4.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 302  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 303  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 304  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 305  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 306  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 307  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 308  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 309  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.2000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 310  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.5600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 311  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 312  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 313  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 314  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 315  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 316  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 317  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 318  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 319  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 320  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 321  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 322  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 323  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 324  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 325  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 326  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 327  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 328  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 329  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 330  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 331  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 332  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 333  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 334  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 335  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 336  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 337  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 338  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 339  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 340  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 341  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 342  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 343  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 344  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 345  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 346  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 347  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 348  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 349  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 350  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 351  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 352  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 353  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 354  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 355  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 356  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 357  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 358  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 359  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 360  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 361  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 362  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 363  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 364  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 365  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 366  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 367  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 368  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 369  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 370  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 371  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 372  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 373  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 374  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 375  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 376  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 5.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 5.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 10660

NO. OF D.P.W FOR THIS AREA 10795  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3112E+06 RIMNOR= 0.000  
RENORM=0.1338E-26 REMNOR= 0.000 RATIO =0.6558E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.29 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3112E+06 RDR = 0.000  
RATIOT=0.6558E-16 RATIOR= 0.000  
MAX UN=0.1421E-13 IEQ= 165 NODE 83 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 153 NODE 77 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3112E+06 RIMNOR= 0.000  
RENORM=0.2001E-28 REMNOR=0.1212E-52 RATIO =0.8020E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.29 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3112E+06 RDR = 0.000  
RATIOT=0.8020E-17 RATIOR= 0.000  
MAX UN=0.8041E-15 IEQ= 165 NODE 83 DOF 1 Y-DISPL.F  
MIN UN=-.5555E-16 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3112E+06 RIMNOR= 0.000  
RENORM=0.1893E-28 REMNOR=0.4542E-52 RATIO =0.7799E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 68.29 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.3112E+06 RDR = 0.000  
RATIOT=0.7799E-17 RATIOR= 0.000  
MAX UN=0.8114E-15 IEQ= 179 NODE 90 DOF 1 Y-DISPL.F  
MIN UN=-.3490E-16 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:48

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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33 D	28.13	4.5532E-20	75.08 81.63 75.08	81.63	V-C 3.5303E+04 -6.400 59.00 1.000 1.000
140.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	28.86	4.5275E-20	77.52 83.30 77.52	83.30	V-C 3.5303E+04 -6.600 61.00 1.000 1.000
144.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	29.59	4.4880E-20	79.96 84.97 79.96	84.97	V-C 3.5303E+04 -6.800 63.00 1.000 1.000
148.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	30.33	4.4362E-20	82.40 86.63 82.40	86.63	V-C 3.5303E+04 -7.000 65.00 1.000 1.000
151.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	31.06	4.3729E-20	84.84 88.28 84.84	88.28	V-C 3.5303E+04 -7.200 67.00 1.000 1.000
155.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	31.79	4.2988E-20	87.28 89.93 87.28	89.93	V-C 3.5303E+04 -7.400 69.00 1.000 1.000
158.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	32.52	4.2139E-20	89.72 91.58 89.72	91.58	V-C 3.5303E+04 -7.600 71.00 1.000 1.000
162.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	33.25	4.1163E-20	92.16 93.23 92.16	93.23	V-C 3.5303E+04 -7.800 73.00 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	33.97	3.9992E-20	94.60 94.87 94.60	94.87	V-C 3.5303E+04 -8.000 75.00 1.000 1.000
169.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	34.70	3.8598E-20	97.04 96.51 97.04	96.51	V-C 3.5303E+04 -8.200 77.00 1.000 1.000
173.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	35.43	3.6978E-20	99.48 98.15 99.48	98.15	V-C 3.5303E+04 -8.400 79.00 1.000 1.000
177.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	36.16	3.5188E-20	101.9 99.79 101.9	99.79	V-C 3.5303E+04 -8.600 81.00 1.000 1.000
180.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	36.89	3.3290E-20	104.4 101.4 104.4	101.4	V-C 3.5303E+04 -8.800 83.00 1.000 1.000
184.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	37.61	3.1346E-20	106.8 103.1 106.8	103.1	V-C 3.5303E+04 -9.000 85.00 1.000 1.000
188.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	38.34	2.9413E-20	109.2 104.7 109.2	104.7	V-C 3.5303E+04 -9.200 87.00 1.000 1.000
191.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	39.07	2.7544E-20	111.7 106.3 111.7	106.3	V-C 3.5303E+04 -9.400 89.00 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	39.79	2.5802E-20	114.1 108.0 114.1	108.0	V-C 3.5303E+04 -9.600 91.00 1.000 1.000
199.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	40.52	2.4309E-20	116.6 109.6 116.6	109.6	V-C 3.5303E+04 -9.800 93.00 1.000 1.000
202.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	41.25	2.3181E-20	119.0 111.2 119.0	111.2	V-C 3.5303E+04 -10.000 95.00 1.000 1.000
206.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	41.98	2.2473E-20	121.4 112.9 121.4	112.9	V-C 4.7948E+04 -10.200 97.00 1.000 1.000
209.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	42.70	2.2233E-20	123.9 114.5 123.9	114.5	V-C 4.7948E+04 -10.400 99.00 1.000 1.000
213.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	43.43	2.2553E-20	126.3 116.2 126.3	116.2	V-C 4.7948E+04 -10.600 101.00 1.000 1.000
217.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	44.16	2.3458E-20	128.8 117.8 128.8	117.8	V-C 4.7948E+04 -10.800 103.00 1.000 1.000
220.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	44.89	2.4895E-20	131.2 119.4 131.2	119.4	V-C 4.7948E+04 -11.000 105.00 1.000 1.000
224.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	45.61	2.6790E-20	133.6 121.1 133.6	121.1	V-C 4.7948E+04 -11.200 107.00 1.000 1.000
228.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	46.34	2.9065E-20	136.1 122.7 136.1	122.7	V-C 4.7948E+04 -11.400 109.00 1.000 1.000
231.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	47.07	3.1637E-20	138.5 124.4 138.5	124.4	V-C 4.7948E+04 -11.600 111.00 1.000 1.000
235.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	47.80	3.4417E-20	141.0 126.0 141.0	126.0	V-C 4.7948E+04 -11.800 113.00 1.000 1.000
239.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.53	3.7312E-20	143.4 127.6 143.4	127.6	V-C 4.7948E+04 -12.000 115.00 1.000 1.000
242.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.26	4.0222E-20	145.8 129.3 145.8	129.3	V-C 4.7948E+04 -12.200 117.00 1.000 1.000
246.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	49.99	4.3043E-20	148.3 130.9 148.3	130.9	V-C 4.7948E+04 -12.400 119.00 1.000 1.000
249.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.72	4.5664E-20	150.7 132.6 150.7	132.6	V-C 4.7948E+04 -12.600 121.00 1.000 1.000
253.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.45	4.7967E-20	153.2 134.2 153.2	134.2	V-C 4.7948E+04 -12.800 123.00 1.000 1.000
257.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.18	4.9859E-20	155.6 135.9 155.6	135.9	V-C 4.7948E+04 -13.000 125.00 1.000 1.000
260.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	52.91	5.1360E-20	158.0 137.5 158.0	137.5	V-C 4.7948E+04 -13.200 127.00 1.000 1.000
264.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.64	5.2526E-20	160.5 139.2 160.5	139.2	V-C 4.7948E+04 -13.400 129.00 1.000 1.000
268.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.37	5.3469E-20	162.9 140.8 162.9	140.8	V-C 4.7948E+04 -13.600 131.00 1.000 1.000
271.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.10	5.4306E-20	165.4 142.5 165.4	142.5	V-C 4.7948E+04 -13.800 133.00 1.000 1.000
275.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	55.83	5.5132E-20	167.8 144.2 167.8	144.2	V-C 4.7948E+04 -14.000 135.00 1.000 1.000
279.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
72 D	56.17	5.5976E-20	169.9 143.8 169.9	143.8	V-C 4.7948E+04 -14.200 137.00 1.000 1.000
280.8	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.84	5.6841E-20	171.9 145.2 171.9	145.2	V-C 4.7948E+04 -14.400 139.00 1.000 1.000
284.2	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.51	5.7724E-20	174.0 146.5 174.0	146.5	V-C 4.7948E+04 -14.600 141.00 1.000 1.000
287.5	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.18	5.8613E-20	176.0 147.9 176.0	147.9	V-C 4.7948E+04 -14.800 143.00 1.000 1.000
290.9	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.85	5.9488E-20	178.1 149.3 178.1	149.3	V-C 4.7948E+04 -15.000 145.00 1.000 1.000
294.3	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.53	6.0350E-20	180.2 150.6 180.2	150.6	V-C 4.7948E+04 -15.200 147.00 1.000 1.000
297.6	0.000	0.000	Limosabbiosol_237_225_L_0		





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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	2.04908E-17	-2.04908E-17	-1.76705E-28	4.09816E-18
2	2.77439E-16	-2.77439E-16	-4.09816E-18	5.95860E-17
3	-1.37822E-16	1.37822E-16	-5.95860E-17	3.20216E-17
4	-1.15069E-16	1.15069E-16	-3.20216E-17	9.00782E-18
5	-9.83835E-17	9.83835E-17	-9.00782E-18	1.06689E-17
6	-8.77565E-17	8.77565E-17	1.06689E-17	-2.82202E-17
7	-8.31725E-17	8.31725E-17	2.82202E-17	-4.48547E-17
8	-8.46101E-17	8.46101E-17	4.48547E-17	-6.17767E-17
9	-1.07464E-16	1.07464E-16	6.17767E-17	-8.32695E-17
10	-1.48635E-16	1.48635E-16	8.32695E-17	-1.12996E-16
11	-2.07975E-16	2.07975E-16	1.12996E-16	-1.54591E-16
12	-2.85294E-16	2.85294E-16	1.54591E-16	-2.11650E-16
13	-3.80355E-16	3.80355E-16	2.11650E-16	-2.87721E-16
14	-4.92866E-16	4.92866E-16	2.87721E-16	-3.86294E-16
15	-6.22473E-16	6.22473E-16	3.86294E-16	-5.10789E-16
16	-7.68758E-16	7.68758E-16	5.10789E-16	-6.64541E-16
17	-9.31234E-16	9.31234E-16	6.64541E-16	-8.50787E-16
18	-1.10934E-15	1.10934E-15	8.50787E-16	-1.07266E-15
19	-1.30244E-15	1.30244E-15	1.07266E-15	-1.33314E-15
20	-1.50983E-15	1.50983E-15	1.33314E-15	-1.63511E-15
21	-1.73072E-15	1.73072E-15	1.63511E-15	-1.98125E-15
22	-1.96425E-15	1.96425E-15	1.98125E-15	-2.37410E-15
23	-2.20950E-15	2.20950E-15	2.37410E-15	-2.81600E-15
24	-2.46546E-15	2.46546E-15	2.81600E-15	-3.30909E-15
25	-2.73109E-15	2.73109E-15	3.30909E-15	-3.85531E-15
26	-3.00527E-15	3.00527E-15	3.85531E-15	-4.45637E-15
27	-1.95458E-16	1.95458E-16	4.45637E-15	-4.41727E-15
28	-1.64297E-16	1.64297E-16	4.41727E-15	-4.45013E-15
29	3.02240E-15	-3.02240E-15	4.45013E-15	-3.84565E-15
30	2.65165E-15	-2.65165E-15	3.84565E-15	-3.31532E-15
31	2.27766E-15	-2.27766E-15	3.31532E-15	-2.85979E-15
32	1.90194E-15	-1.90194E-15	2.85979E-15	-2.47940E-15
33	1.52591E-15	-1.52591E-15	2.47940E-15	-2.17422E-15
34	1.15096E-15	-1.15096E-15	2.17422E-15	-1.94403E-15
35	7.78396E-16	-7.78396E-16	1.94403E-15	-1.78835E-15
36	4.09418E-16	-4.09418E-16	1.78835E-15	-1.70647E-15
37	4.51260E-17	-4.51260E-17	1.70647E-15	-1.69744E-15
38	-3.13506E-16	3.13506E-16	1.69744E-15	-1.76014E-15
39	-7.77107E-15	7.77107E-15	1.76014E-15	-3.31435E-15
40	-1.01062E-15	1.01062E-15	3.31435E-15	-3.51647E-15
41	-1.34791E-15	1.34791E-15	3.51647E-15	-3.78605E-15
42	5.42824E-15	-5.42824E-15	3.78605E-15	-2.70041E-15
43	5.10712E-15	-5.10712E-15	2.70041E-15	-1.67898E-15
44	4.79408E-15	-4.79408E-15	1.67898E-15	-7.20171E-16
45	4.48886E-15	-4.48886E-15	7.20171E-16	1.77602E-16
46	4.19098E-15	-4.19098E-15	1.77602E-16	1.01580E-15
47	3.89976E-15	-3.89976E-15	1.01580E-15	1.79575E-15
48	1.07197E-14	-1.07197E-14	1.79575E-15	3.93969E-15
49	1.04389E-14	-1.04389E-14	3.93969E-15	6.02747E-15
50	3.05615E-15	-3.05615E-15	6.02747E-15	6.63870E-15
51	2.78082E-15	-2.78082E-15	6.63870E-15	7.19486E-15
52	9.52121E-15	-9.52121E-15	7.19486E-15	9.09910E-15
53	2.04924E-15	-2.04924E-15	9.09910E-15	9.50895E-15
54	5.42649E-15	-5.42649E-15	9.50895E-15	8.42365E-15
55	5.80279E-15	-5.80279E-15	8.42365E-15	7.26309E-15
56	6.18729E-15	-6.18729E-15	7.26309E-15	6.02563E-15
57	6.58208E-15	-6.58208E-15	6.02563E-15	4.70922E-15
58	6.98909E-15	-6.98909E-15	4.70922E-15	3.31140E-15
59	7.41007E-15	-7.41007E-15	3.31140E-15	1.82938E-15
60	7.84653E-15	-7.84653E-15	1.82938E-15	2.60079E-16
61	8.29969E-15	-8.29969E-15	2.60079E-16	1.39986E-15
62	8.77054E-15	-8.77054E-15	1.39986E-15	3.15397E-15
63	9.25978E-15	-9.25978E-15	3.15397E-15	5.00592E-15
64	9.76783E-15	-9.76783E-15	5.00592E-15	6.95949E-15
65	3.91598E-15	-3.91598E-15	6.95949E-15	6.17629E-15
66	3.36999E-15	-3.36999E-15	6.17629E-15	5.50230E-15
67	9.91071E-15	-9.91071E-15	5.50230E-15	3.52016E-15
68	9.32769E-15	-9.32769E-15	3.52016E-15	1.65462E-15

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69 8.72689E-15-8.72689E-15 1.65462E-15 9.07608E-17  
70 1.00352E-15-1.00352E-15-9.07608E-17 2.91465E-16  
71 3.69136E-16-3.69136E-16-2.91465E-16 3.65293E-16  
72-2.80935E-16 2.80935E-16-3.65293E-16 3.09106E-16  
73-9.45898E-16 9.45898E-16-3.09106E-16 1.19926E-16  
74-1.62494E-15 1.62494E-15-1.19926E-16-2.05062E-16  
75-2.31724E-15 2.31724E-15 2.05062E-16-6.68510E-16  
76 1.11889E-14-1.11889E-14 6.68510E-16 1.56927E-15  
77-3.73835E-15 3.73835E-15-1.56927E-15 8.21596E-16  
78-4.46555E-15 4.46555E-15-8.21596E-16-7.15132E-17  
79-5.20281E-15 5.20281E-15 7.15132E-17-1.11208E-15  
80-5.94939E-15 5.94939E-15 1.11208E-15-2.30195E-15  
81-6.70460E-15 6.70460E-15 2.30195E-15-3.64287E-15  
82-7.46775E-15 7.46775E-15 3.64287E-15-5.13642E-15  
83 5.97260E-15-5.97260E-15 5.13642E-15-3.94190E-15  
84 5.19528E-15-5.19528E-15 3.94190E-15-2.90285E-15  
85 4.41161E-15-4.41161E-15 2.90285E-15-2.02053E-15  
86 3.62197E-15-3.62197E-15 2.02053E-15-1.29613E-15  
87 2.82666E-15-2.82666E-15 1.29613E-15-7.30800E-16  
88 2.02587E-15-2.02587E-15 7.30800E-16-3.25626E-16  
89 1.21974E-15-1.21974E-15 3.25626E-16-8.16663E-17  
90 4.08332E-16-4.08332E-16 8.16663E-17 8.51970E-28

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:48

New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
CURRENT TIME IS 1.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL FORCE d0 EDISPL pl. eps K -ve limit +ve limit

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3157E+06 RIMNOR=0.1980E-26  
RENORM= 3177. REMNOR=0.4542E-52 RATIO =0.1003 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 70.78 RMMAX =0.9509E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.3157E+06 RDR =0.1000E-19  
RATIOT=0.1003 RATIOR= 0.000  
MAX UN= 15.56 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F  
MIN UN=-9.190 IEQ= 51 NODE 26 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3157E+06 RIMNOR=0.1980E-26  
RENORM= 45.52 REMNOR=0.4666E-20 RATIO =0.1201E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 70.78 RMMAX =0.9509E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.3157E+06 RDR =0.1000E-19  
RATIOT=0.1201E-01 RATIOR= 0.000  
MAX UN= 4.925 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.2968 IEQ= 53 NODE 27 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3157E+06 RIMNOR=0.1980E-26  
RENORM= 2.296 REMNOR=0.1009E-20 RATIO =0.2697E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 70.78 RMMAX =0.9509E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.3157E+06 RDR =0.1000E-19  
RATIOT=0.2697E-02 RATIOR= 0.000  
MAX UN= 1.495 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
MIN UN=-.1404 IEQ= 51 NODE 26 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3157E+06 RIMNOR=0.1980E-26  
RENORM=0.4475E-06 REMNOR=0.2364E-20 RATIO =0.1190E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 70.78 RMMAX =0.9509E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.3157E+06 RDR =0.1000E-19  
RATIOT=0.1190E-05 RATIOR= 0.000  
MAX UN=0.2366E-09 IEQ= 15 NODE 8 DOF 1 Y-DISPL.F  
MIN UN=-.6689E-03 IEQ= 133 NODE 67 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
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New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	2.2144360E-03	-4.8917515E-04	
2	2.1166010E-03	-4.8917515E-04	
3	2.0187659E-03	-4.8917515E-04	
4	1.9209309E-03	-4.8917515E-04	
5	1.8230960E-03	-4.8917308E-04	
6	1.7252639E-03	-4.8913767E-04	
7	1.6274491E-03	-4.8898042E-04	
8	1.5296896E-03	-4.885526E-04	
9	1.4320581E-03	-4.8766314E-04	
10	1.3346635E-03	-4.8618413E-04	
11	1.2376252E-03	-4.8409315E-04	
12	1.1410699E-03	-4.8134704E-04	
13	1.0451342E-03	-4.7788451E-04	
14	9.4996925E-04	-4.7362424E-04	
15	8.5574458E-04	-4.6846266E-04	
16	7.6265540E-04	-4.6223297E-04	
17	6.7094105E-04	-4.5465838E-04	
18	5.8090794E-04	-4.4534533E-04	
19	4.9295272E-04	-4.3378529E-04	
20	4.0756568E-04	-4.1964736E-04	
21	3.2526697E-04	-4.0291146E-04	
22	2.4656540E-04	-3.8371112E-04	
23	1.7193062E-04	-3.6228934E-04	
24	1.0177752E-04	-3.3895491E-04	
25	3.6451353E-05	-3.1408529E-04	
26	-2.3784285E-05	-2.8813093E-04	
27	-7.8764070E-05	-2.6162233E-04	
28	-1.2843090E-04	-2.3507893E-04	
29	-1.7282111E-04	-2.0892083E-04	
30	-2.1204701E-04	-1.8348284E-04	
31	-2.4627972E-04	-1.5902698E-04	
32	-2.7573658E-04	-1.3575271E-04	
33	-3.0066937E-04	-1.1380684E-04	
34	-3.2135467E-04	-9.3291360E-05	
35	-3.3808546E-04	-7.4270283E-05	
36	-3.5116444E-04	-5.6775283E-05	
37	-3.6089766E-04	-4.0811646E-05	
38	-3.6759008E-04	-2.6362713E-05	
39	-3.7154145E-04	-1.3394294E-05	
40	-3.7304330E-04	-1.8585686E-06	
41	-3.7237650E-04	8.3027152E-06	
42	-3.6980949E-04	1.7154866E-05	
43	-3.6559717E-04	2.4767822E-05	
44	-3.5998016E-04	3.1213756E-05	
45	-3.5318468E-04	3.6565029E-05	
46	-3.4542244E-04	4.0892545E-05	
47	-3.3689139E-04	4.4264115E-05	
48	-3.2777628E-04	4.6743321E-05	
49	-3.1824966E-04	4.8388473E-05	
50	-3.0847306E-04	4.9251783E-05	
51	-2.9859809E-04	4.9378751E-05	
52	-2.8876829E-04	4.8807707E-05	
53	-2.7911665E-04	4.7614978E-05	
54	-2.6975623E-04	4.5913290E-05	
55	-2.6077845E-04	4.3804757E-05	
56	-2.5225534E-04	4.1381105E-05	
57	-2.4424158E-04	3.8724000E-05	
58	-2.3677650E-04	3.5905479E-05	
59	-2.2988595E-04	3.2988445E-05	
60	-2.2358407E-04	3.0027222E-05	
61	-2.1787492E-04	2.7068137E-05	
62	-2.1275407E-04	2.4150132E-05	
63	-2.0820998E-04	2.1305375E-05	
64	-2.0422531E-04	1.8559882E-05	
65	-2.0077805E-04	1.5934110E-05	
66	-1.9784265E-04	1.3443552E-05	
67	-1.9539088E-04	1.1099294E-05	
68	-1.9339269E-04	8.9085697E-06	
69	-1.9181696E-04	6.8752140E-06	
70	-1.9063206E-04	5.0000645E-06	
71	-1.8980650E-04	3.2814169E-06	
72	-1.8930932E-04	1.7154405E-06	

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73	-1.8911040E-04	2.9829465E-07
74	-1.8918032E-04	-9.7371090E-07
75	-1.8949055E-04	-2.1057179E-06
76	-1.9001370E-04	-3.1040291E-06
77	-1.9072373E-04	-3.9758520E-06
78	-1.9159613E-04	-4.7290764E-06
79	-1.9260801E-04	-5.3720829E-06
80	-1.9373820E-04	-5.9135810E-06
81	-1.9496727E-04	-6.3624738E-06
82	-1.9627761E-04	-6.7277486E-06
83	-1.9765339E-04	-7.0183897E-06
84	-1.9908059E-04	-7.2433111E-06
85	-2.0054692E-04	-7.4113085E-06
86	-2.0204189E-04	-7.5310256E-06
87	-2.0355668E-04	-7.6109355E-06
88	-2.0508416E-04	-7.6593325E-06
89	-2.0661885E-04	-7.6843334E-06
90	-2.0815694E-04	-7.6938866E-06
91	-2.0969598E-04	-7.6957842E-06



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33 D	28.42	3.0067E-04	125.5 105.1 125.5	105.1	V-C 2.8452E+04 -6.400 37.02 1.000 1.000
142.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	29.26	3.2135E-04	128.0 107.4 128.0	107.4	V-C 2.8452E+04 -6.600 38.92 1.000 1.000
146.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	30.09	3.3809E-04	131.4 109.6 131.4	109.6	V-C 2.8452E+04 -6.800 40.81 1.000 1.000
150.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	30.89	3.5116E-04	134.4 111.7 134.4	111.7	V-C 2.8452E+04 -7.000 42.71 1.000 1.000
154.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	31.67	3.6090E-04	137.3 113.7 137.3	113.7	V-C 2.8452E+04 -7.200 44.61 1.000 1.000
158.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	32.43	3.6759E-04	140.3 115.7 140.3	115.7	V-C 2.8452E+04 -7.400 46.51 1.000 1.000
162.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	33.18	3.7154E-04	143.5 117.5 143.5	117.5	V-C 2.8452E+04 -7.600 48.41 1.000 1.000
165.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	33.91	3.7304E-04	146.4 119.3 146.4	119.3	V-C 2.8452E+04 -7.800 50.31 1.000 1.000
169.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	34.63	3.7238E-04	149.3 121.0 149.3	121.0	V-C 2.8452E+04 -8.000 52.20 1.000 1.000
173.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	35.34	3.6981E-04	152.1 122.6 152.1	122.6	V-C 2.8452E+04 -8.200 54.10 1.000 1.000
176.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	36.04	3.6560E-04	155.3 124.2 155.3	124.2	V-C 2.8452E+04 -8.400 56.00 1.000 1.000
180.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	36.73	3.5998E-04	157.8 125.8 157.8	125.8	V-C 2.8452E+04 -8.600 57.90 1.000 1.000
183.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	37.42	3.5318E-04	160.9 127.3 160.9	127.3	V-C 2.8452E+04 -8.800 59.80 1.000 1.000
187.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	38.10	3.4542E-04	163.7 128.8 163.7	128.8	V-C 2.8452E+04 -9.000 61.69 1.000 1.000
190.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	38.77	3.3689E-04	166.8 130.3 166.8	130.3	V-C 2.8452E+04 -9.200 63.59 1.000 1.000
193.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	39.44	3.2778E-04	169.3 131.7 169.3	131.7	V-C 2.8452E+04 -9.400 65.49 1.000 1.000
197.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	40.11	3.1825E-04	172.3 133.1 172.3	133.1	V-C 2.8452E+04 -9.600 67.39 1.000 1.000
200.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	40.77	3.0847E-04	175.1 134.6 175.1	134.6	V-C 2.8452E+04 -9.800 69.29 1.000 1.000
203.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	41.44	2.9860E-04	177.8 136.0 177.8	136.0	V-C 2.8452E+04 -10.00 71.19 1.000 1.000
207.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	42.61	2.8877E-04	180.5 140.0 180.5	140.0	V-C 3.7243E+04 -10.20 73.08 1.000 1.000
213.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	43.26	2.7912E-04	183.6 141.3 183.6	141.3	V-C 3.7243E+04 -10.40 74.98 1.000 1.000
216.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	43.92	2.6976E-04	186.0 142.7 186.0	142.7	V-C 3.7243E+04 -10.60 76.88 1.000 1.000
219.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	44.57	2.6078E-04	189.0 144.1 189.0	144.1	V-C 3.7243E+04 -10.80 78.78 1.000 1.000
222.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	45.23	2.5226E-04	191.7 145.5 191.7	145.5	V-C 3.7243E+04 -11.00 80.68 1.000 1.000
226.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	45.90	2.4424E-04	194.6 146.9 194.6	146.9	V-C 3.7243E+04 -11.20 82.58 1.000 1.000
229.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	46.56	2.3678E-04	197.0 148.3 197.0	148.3	V-C 3.7243E+04 -11.40 84.47 1.000 1.000
232.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	47.24	2.2989E-04	200.0 149.8 200.0	149.8	V-C 3.7243E+04 -11.60 86.37 1.000 1.000
236.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	47.91	2.2358E-04	202.6 151.3 202.6	151.3	V-C 3.7243E+04 -11.80 88.27 1.000 1.000
239.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.59	2.1787E-04	205.3 152.8 205.3	152.8	V-C 3.7243E+04 -12.00 90.17 1.000 1.000
243.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.28	2.1275E-04	208.0 154.3 208.0	154.3	V-C 3.7243E+04 -12.20 92.07 1.000 1.000
246.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	49.97	2.0821E-04	210.9 155.9 210.9	155.9	V-C 3.7243E+04 -12.40 93.97 1.000 1.000
249.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.67	2.0423E-04	213.3 157.5 213.3	157.5	V-C 3.7243E+04 -12.60 95.86 1.000 1.000
253.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.37	2.0078E-04	216.2 159.1 216.2	159.1	V-C 3.7243E+04 -12.80 97.76 1.000 1.000
256.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.07	1.9784E-04	218.8 160.7 218.8	160.7	V-C 3.7243E+04 -13.00 99.66 1.000 1.000
260.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	52.78	1.9539E-04	221.7 162.3 221.7	162.3	V-C 3.7243E+04 -13.20 101.6 1.000 1.000
263.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.49	1.9339E-04	224.1 164.0 224.1	164.0	UL-RL 9.3107E+04 -13.40 103.5 1.000 1.000
267.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.20	1.9182E-04	226.9 165.6 226.9	165.7	UL-RL 9.3107E+04 -13.60 105.4 1.000 1.000
271.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	54.92	1.9063E-04	229.5 167.3 229.5	167.4	UL-RL 9.3107E+04 -13.80 107.3 1.000 1.000
274.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	55.64	1.8981E-04	232.2 169.0 232.2	169.1	UL-RL 9.3107E+04 -14.00 109.2 1.000 1.000
278.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
72 D	55.92	1.8931E-04	234.4 168.5 234.4	168.6	UL-RL 9.3107E+04 -14.20 111.1 1.000 1.000
279.6	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.58	1.8911E-04	236.8 169.9 236.8	170.0	UL-RL 9.3107E+04 -14.40 112.9 1.000 1.000
282.9	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.25	1.8918E-04	238.8 171.4 238.8	171.4	UL-RL 9.3107E+04 -14.60 114.8 1.000 1.000
286.2	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	57.91	1.8949E-04	241.3 172.8 241.3	172.9	UL-RL 9.3107E+04 -14.80 116.7 1.000 1.000
289.6	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.58	1.9001E-04	243.5 174.3 243.5	174.3	UL-RL 9.3107E+04 -15.00 118.6 1.000 1.000
292.9	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.26	1.9072E-04	245.9 175.7 245.9	175.8	UL-RL 9.3107E+04 -15.20 120.5 1.000 1.000
296.3	0.000	0.000	Limosabbiosol_237_225_L_0		







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33 D	29.71	-3.0067E-04	38.11 123.3 75.08	137.0	UL-RL 4.5511E+04 -6.400 25.22 1.000 1.000
148.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	30.00	-3.2135E-04	40.45 122.7 77.52	137.3	UL-RL 4.5511E+04 -6.600 27.32 1.000 1.000
150.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.36	-3.3809E-04	42.79 122.4 79.96	137.8	UL-RL 4.5511E+04 -6.800 29.42 1.000 1.000
151.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.78	-3.5116E-04	45.12 122.4 82.40	138.4	UL-RL 4.5511E+04 -7.000 31.53 1.000 1.000
153.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.25	-3.6090E-04	47.46 122.6 84.84	139.1	UL-RL 4.5511E+04 -7.200 33.63 1.000 1.000
156.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.77	-3.6759E-04	49.80 123.1 87.28	139.9	UL-RL 4.5511E+04 -7.400 35.73 1.000 1.000
158.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.33	-3.7154E-04	52.14 123.8 89.72	140.7	UL-RL 4.5511E+04 -7.600 37.83 1.000 1.000
161.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	32.93	-3.7304E-04	54.48 124.7 92.16	141.7	UL-RL 4.5511E+04 -7.800 39.93 1.000 1.000
164.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	33.55	-3.7238E-04	56.82 125.7 94.60	142.7	UL-RL 4.5511E+04 -8.000 42.03 1.000 1.000
167.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.21	-3.6981E-04	59.15 126.9 97.04	143.7	UL-RL 4.5511E+04 -8.200 44.14 1.000 1.000
171.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	34.89	-3.6560E-04	61.49 128.2 99.48	144.9	UL-RL 4.5511E+04 -8.400 46.24 1.000 1.000
174.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	35.59	-3.5998E-04	63.83 129.6 101.9	146.0	UL-RL 4.5511E+04 -8.600 48.34 1.000 1.000
178.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	36.31	-3.5318E-04	66.17 131.1 104.4	147.2	UL-RL 4.5511E+04 -8.800 50.44 1.000 1.000
181.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.05	-3.4542E-04	68.51 132.7 106.8	148.4	UL-RL 4.5511E+04 -9.000 52.54 1.000 1.000
185.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	37.80	-3.3689E-04	70.85 134.4 109.2	149.7	UL-RL 4.5511E+04 -9.200 54.64 1.000 1.000
189.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	38.56	-3.2778E-04	73.18 136.1 111.7	151.0	UL-RL 4.5511E+04 -9.400 56.75 1.000 1.000
192.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	39.33	-3.1825E-04	75.52 137.8 114.1	152.3	UL-RL 4.5511E+04 -9.600 58.85 1.000 1.000
196.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	40.11	-3.0847E-04	77.86 139.6 116.6	153.6	UL-RL 4.5511E+04 -9.800 60.95 1.000 1.000
200.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	40.89	-2.9860E-04	80.20 141.4 119.0	155.0	UL-RL 4.5511E+04 -10.00 63.05 1.000 1.000
204.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
52 D	40.75	-2.8877E-04	82.54 138.6 121.4	156.4	UL-RL 6.1647E+04 -10.20 65.15 1.000 1.000
203.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
53 D	41.57	-2.7912E-04	84.88 140.6 123.9	157.8	UL-RL 6.1647E+04 -10.40 67.25 1.000 1.000
207.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
54 D	42.39	-2.6976E-04	87.21 142.6 126.3	159.2	UL-RL 6.1647E+04 -10.60 69.36 1.000 1.000
211.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
55 D	43.20	-2.6078E-04	89.55 144.6 128.8	160.6	UL-RL 6.1647E+04 -10.80 71.46 1.000 1.000
216.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
56 D	44.02	-2.5226E-04	91.89 146.5 131.2	162.1	UL-RL 6.1647E+04 -11.00 73.56 1.000 1.000
220.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
57 D	44.83	-2.4424E-04	94.23 148.5 133.6	163.6	UL-RL 6.1647E+04 -11.20 75.66 1.000 1.000
224.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
58 D	45.64	-2.3678E-04	96.57 150.4 136.1	165.0	UL-RL 6.1647E+04 -11.40 77.76 1.000 1.000
228.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
59 D	46.44	-2.2989E-04	98.91 152.3 138.5	166.5	UL-RL 6.1647E+04 -11.60 79.86 1.000 1.000
232.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
60 D	47.24	-2.2358E-04	101.2 154.2 141.0	168.0	UL-RL 6.1647E+04 -11.80 81.97 1.000 1.000
236.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
61 D	48.03	-2.1787E-04	103.6 156.1 143.4	169.5	UL-RL 6.1647E+04 -12.00 84.07 1.000 1.000
240.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
62 D	48.82	-2.1275E-04	105.9 157.9 145.8	171.1	UL-RL 6.1647E+04 -12.20 86.17 1.000 1.000
244.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
63 D	49.61	-2.0821E-04	108.3 159.8 148.3	172.6	UL-RL 6.1647E+04 -12.40 88.27 1.000 1.000
248.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
64 D	50.38	-2.0423E-04	110.6 161.5 150.7	174.1	UL-RL 6.1647E+04 -12.60 90.37 1.000 1.000
251.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
65 D	51.16	-2.0078E-04	112.9 163.3 153.2	175.7	UL-RL 6.1647E+04 -12.80 92.47 1.000 1.000
255.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
66 D	51.93	-1.9784E-04	115.3 165.1 155.6	177.3	UL-RL 6.1647E+04 -13.00 94.58 1.000 1.000
259.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
67 D	52.69	-1.9539E-04	117.6 166.8 158.0	178.8	UL-RL 6.1647E+04 -13.20 96.68 1.000 1.000
263.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
68 D	53.45	-1.9339E-04	120.0 168.5 160.5	180.4	UL-RL 6.1647E+04 -13.40 98.78 1.000 1.000
267.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
69 D	54.21	-1.9182E-04	122.3 170.2 162.9	182.0	UL-RL 6.1647E+04 -13.60 100.9 1.000 1.000
271.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
70 D	54.96	-1.9063E-04	124.6 171.8 165.4	183.6	UL-RL 6.1647E+04 -13.80 103.0 1.000 1.000
274.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
71 D	55.71	-1.8981E-04	127.0 173.5 167.8	185.2	UL-RL 6.1647E+04 -14.00 105.1 1.000 1.000
278.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
72 D	55.96	-1.8931E-04	128.9 172.6 169.9	184.3	UL-RL 6.1647E+04 -14.20 107.2 1.000 1.000
279.8	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.65	-1.8911E-04	130.9 174.0 171.9	185.6	UL-RL 6.1647E+04 -14.40 109.3 1.000 1.000
283.3	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.34	-1.8918E-04	132.8 175.3 174.0	187.0	UL-RL 6.1647E+04 -14.60 111.4 1.000 1.000
286.7	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.02	-1.8949E-04	134.8 176.6 176.0	188.3	UL-RL 6.1647E+04 -14.80 113.5 1.000 1.000
290.1	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.71	-1.9001E-04	136.8 177.9 178.1	189.6	UL-RL 6.1647E+04 -15.00 115.6 1.000 1.000
293.5	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.39	-1.9072E-04	138.7 179.2 180.2	191.0	UL-RL 6.1647E+04 -15.20 117.7 1.000 1.000
296.9	0.000	0.000	Limosabbiosol_237_225_L_0		



GENERAL CONTRACTOR

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ALTA SORVEGLIANZA



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Codifica Documento  
E E2 CL GA 160 1 002

Rev.  
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Foglio  
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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-1.26874E-10	1.26874E-10	-1.25837E-11	-2.28937E-11
2	-1.87128E-10	1.87128E-10	-9.11627E-12	-7.37116E-11
3	7.09406E-11	-7.09406E-11	6.23572E-11	1.64846E-11
4	6.54097E-02	-6.54097E-02	3.62377E-13	1.30819E-02
5	0.98961	-0.98961	-1.30819E-02	0.21100
6	2.8653	-2.8653	-0.21100	0.78407
7	5.6117	-5.6117	-0.78407	1.9064
8	9.1629	-9.1629	-1.9064	3.7390
9	9.4064	-9.4064	-3.7390	5.6203
10	9.9567	-9.9567	-5.6203	7.6116
11	10.772	-10.772	-7.6116	9.7660
12	11.896	-11.896	-9.7660	12.145
13	13.344	-13.344	-12.145	14.814
14	15.174	-15.174	-14.814	17.849
15	18.622	-18.622	-17.849	21.573
16	23.931	-23.931	-21.573	26.359
17	31.074	-31.074	-26.359	32.574
18	40.021	-40.021	-32.574	40.579
19	41.544	-41.544	-40.579	48.887
20	40.657	-40.657	-48.887	57.019
21	37.319	-37.319	-57.019	64.482
22	32.968	-32.968	-64.482	71.076
23	27.553	-27.553	-71.076	76.587
24	21.018	-21.018	-76.587	80.790
25	13.304	-13.304	-80.790	83.451
26	4.2327	-4.2327	-83.451	84.297
27	-3.1318	3.1318	-84.297	83.671
28	-9.0548	9.0548	-83.671	81.860
29	-13.734	13.734	-81.860	79.113
30	-17.341	17.341	-79.113	75.645
31	-20.045	20.045	-75.645	71.636
32	-21.985	21.985	-71.636	67.239
33	-23.273	23.273	-67.239	62.584
34	-24.008	24.008	-62.584	57.783
35	-24.281	24.281	-57.783	52.927
36	-24.172	24.172	-52.927	48.092
37	-23.754	23.754	-48.092	43.342
38	-23.090	23.090	-43.342	38.724
39	-22.239	22.239	-38.724	34.276
40	-21.251	21.251	-34.276	30.026
41	-20.171	20.171	-30.026	25.991
42	-19.038	19.038	-25.991	22.184
43	-17.887	17.887	-22.184	18.606
44	-16.748	16.748	-18.606	15.257
45	-15.645	15.645	-15.257	12.128
46	-14.601	14.601	-12.128	9.2076
47	-13.633	13.633	-9.2076	6.4810
48	-12.756	12.756	-6.4810	3.9297
49	-11.981	11.981	-3.9297	1.5334
50	-11.317	11.317	-1.5334	-0.72996
51	-10.769	10.769	0.72996	-2.8837
52	-8.9012	8.9012	2.8837	-4.6640
53	-7.2024	7.2024	4.6640	-6.1044
54	-5.6703	5.6703	6.1044	-7.2385
55	-4.3002	4.3002	7.2385	-8.0985
56	-3.0863	3.0863	8.0985	-8.7158
57	-2.0210	2.0210	8.7158	-9.1200
58	-1.0960	1.0960	9.1200	-9.3392
59	-0.30220	0.30220	9.3392	-9.3996
60	0.36986	-0.36986	9.3996	-9.3257
61	0.92991	-0.92991	9.3257	-9.1397
62	1.3877	-1.3877	9.1397	-8.8621
63	1.7530	-1.7530	8.8621	-8.5115
64	2.0351	-2.0351	8.5115	-8.1045
65	2.2431	-2.2431	8.1045	-7.6559
66	2.3858	-2.3858	7.6559	-7.1787
67	2.4721	-2.4721	7.1787	-6.6843
68	2.5071	-2.5071	6.6843	-6.1829

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69	2.4986	-2.4986	6.1829	-5.6832
70	2.4532	-2.4532	5.6832	-5.1925
71	2.3774	-2.3774	5.1925	-4.7171
72	2.3317	-2.3317	4.7171	-4.2507
73	2.2606	-2.2606	4.2507	-3.7986
74	2.1690	-2.1690	3.7986	-3.3648
75	2.0612	-2.0612	3.3648	-2.9526
76	1.9409	-1.9409	2.9526	-2.5644
77	1.8116	-1.8116	2.5644	-2.2021
78	1.6758	-1.6758	2.2021	-1.8669
79	1.5360	-1.5360	1.8669	-1.5597
80	1.3941	-1.3941	1.5597	-1.2809
81	1.2516	-1.2516	1.2809	-1.0306
82	1.1098	-1.1098	1.0306	-0.80862
83	0.96957	-0.96957	0.80862	-0.61470
84	0.83153	-0.83153	0.61470	-0.44840
85	0.69608	-0.69608	0.44840	-0.30918
86	0.56344	-0.56344	0.30918	-0.19649
87	0.43364	-0.43364	0.19649	-0.10977
88	0.30661	-0.30661	0.10977	-4.84424E-02
89	0.18216	-0.18216	4.84424E-02	-1.20080E-02
90	6.00399E-02	-6.00399E-02	1.20080E-02	-2.31096E-13



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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
 Exe Time : 8 June 2018 11:15:48  
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 2.0000

POST-TENSION 2D-BOUNDARY ELEMENT

EL FORCE d0 EDISPL pl. eps K -ve limit +ve limit  
 -----

\*\*\*\*\* NO ONE ELEMENT ACTIVE AT CURRENT STEP \*\*\*\*\*

ITER 0 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.4059E+06 RIMNOR=0.2050E+06  
 RENORM=0.5831E+05 REMNOR=0.2364E-20 RATIO =0.3790 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 84.30  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
 RDT =0.4059E+06 RDR =0.2050E+06  
 RATIOT=0.3790 RATOR= 0.000  
 MAX UN=0.2366E-09 IEQ= 15 NODE 8 DOF 1 Y-DISPL.F  
 MIN UN=-241.5 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.4059E+06 RIMNOR=0.2050E+06  
 RENORM= 99.77 REMNOR=0.7760E-20 RATIO =0.1568E-01 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 84.30  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
 RDT =0.4059E+06 RDR =0.2050E+06  
 RATIOT=0.1568E-01 RATOR= 0.000  
 MAX UN=0.6985E-09 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
 MIN UN=-2.817 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.4059E+06 RIMNOR=0.2050E+06  
 RENORM=0.4833E-01 REMNOR=0.8786E-21 RATIO =0.3451E-03 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 84.30  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
 RDT =0.4059E+06 RDR =0.2050E+06  
 RATIOT=0.3451E-03 RATOR= 0.000  
 MAX UN=0.1650E-09 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F  
 MIN UN=-.1558 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.4059E+06 RIMNOR=0.2050E+06  
 RENORM=0.1426E-18 REMNOR=0.5136E-21 RATIO =0.5926E-12 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 241.5 RMMAX = 84.30  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-03  
 RDT =0.4059E+06 RDR =0.2050E+06  
 RATIOT=0.5926E-12 RATOR= 0.000  
 MAX UN=0.1645E-09 IEQ= 45 NODE 23 DOF 1 Y-DISPL.F  
 MIN UN=-.1496E-09 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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Exe Time : 8 June 2018 11:15:48

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	6.0047877E-04	-3.6929234E-04
2	5.2662233E-04	-3.6926183E-04
3	4.5278326E-04	-3.6909303E-04
4	3.7900547E-04	-3.6861897E-04
5	3.0536835E-04	-3.6765461E-04
6	2.3199074E-04	-3.6598357E-04
7	1.5904008E-04	-3.6333519E-04
8	8.6743504E-05	-3.5938422E-04
9	1.5398245E-05	-3.5375548E-04
10	-5.4608993E-05	-3.4588130E-04
11	-1.2275446E-04	-3.3500985E-04
12	-1.8836102E-04	-3.2035974E-04
13	-2.5059249E-04	-3.0112170E-04
14	-3.0844809E-04	-2.7645949E-04
15	-3.6075711E-04	-2.4550963E-04
16	-4.0617227E-04	-2.0736461E-04
17	-4.4366746E-04	-1.6868723E-04
18	-4.7405170E-04	-1.3607806E-04
19	-4.9843051E-04	-1.0844625E-04
20	-5.1768972E-04	-8.4707156E-05
21	-5.3251088E-04	-6.3930669E-05
22	-5.4341346E-04	-4.5426352E-05
23	-5.5079985E-04	-2.8698513E-05
24	-5.5498819E-04	-1.3400709E-05
25	-5.5624234E-04	6.6370471E-07
26	-5.5480187E-04	1.3540696E-05
27	-5.5091175E-04	2.5132364E-05
28	-5.4484066E-04	3.5347988E-05
29	-5.3686413E-04	4.4190525E-05
30	-5.2725373E-04	5.1694342E-05
31	-5.1627181E-04	5.7916936E-05
32	-5.0416741E-04	6.2932752E-05
33	-4.9117342E-04	6.6828013E-05
34	-4.7750465E-04	6.9696585E-05
35	-4.6335676E-04	7.1636606E-05
36	-4.4890533E-04	7.2747809E-05
37	-4.3430628E-04	7.3129255E-05
38	-4.1969584E-04	7.2877621E-05
39	-4.0519125E-04	7.2085778E-05
40	-3.9089175E-04	7.0841701E-05
41	-3.7687931E-04	6.9227591E-05
42	-3.6322032E-04	6.7319273E-05
43	-3.4996673E-04	6.5183923E-05
44	-3.3715817E-04	6.2877307E-05
45	-3.2482436E-04	6.0443422E-05
46	-3.1298715E-04	5.7915299E-05
47	-3.0166299E-04	5.5315892E-05
48	-2.9086464E-04	5.2658814E-05
49	-2.8060297E-04	4.9949099E-05
50	-2.7088874E-04	4.7183914E-05
51	-2.6173383E-04	4.4353165E-05
52	-2.5315312E-04	4.1440264E-05
53	-2.4516243E-04	3.8459379E-05
54	-2.3777092E-04	3.5455236E-05
55	-2.3097938E-04	3.2465447E-05
56	-2.2478170E-04	2.9521299E-05
57	-2.1916611E-04	2.6648435E-05
58	-2.1411620E-04	2.3867487E-05
59	-2.0961190E-04	2.1194663E-05
60	-2.0563030E-04	1.8642287E-05
61	-2.0214636E-04	1.6219292E-05
62	-1.9913356E-04	1.3931671E-05
63	-1.9656444E-04	1.1782885E-05
64	-1.9441106E-04	9.7742311E-06
65	-1.9264544E-04	7.9051768E-06
66	-1.9123983E-04	6.1736582E-06
67	-1.9016703E-04	4.5763467E-06
68	-1.8940063E-04	3.1088870E-06
69	-1.8891516E-04	1.7660767E-06
70	-1.8868628E-04	5.4201019E-07
71	-1.8869087E-04	-5.6975876E-07
72	-1.8890715E-04	-1.5760555E-06

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73 -1.8931462E-04 -2.4822055E-06  
74 -1.8989363E-04 -3.2921937E-06  
75 -1.9062539E-04 -4.0105633E-06  
76 -1.9149207E-04 -4.6422809E-06  
77 -1.9247688E-04 -5.1926163E-06  
78 -1.9356406E-04 -5.6670872E-06  
79 -1.9473903E-04 -6.0714058E-06  
80 -1.9598834E-04 -6.4113915E-06  
81 -1.9729969E-04 -6.6928990E-06  
82 -1.9866199E-04 -6.9217625E-06  
83 -2.0006527E-04 -7.1037521E-06  
84 -2.0150074E-04 -7.2445434E-06  
85 -2.0296071E-04 -7.3496971E-06  
86 -2.0443861E-04 -7.4246481E-06  
87 -2.0592891E-04 -7.4747026E-06  
88 -2.0742717E-04 -7.5050422E-06  
89 -2.0892995E-04 -7.5207323E-06  
90 -2.1043490E-04 -7.5267366E-06  
91 -2.1194040E-04 -7.5279314E-06











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33 D	27.97	-4.9117E-04	38.11 114.6 75.08	137.0	UL-RL 4.5511E+04 -6.400 25.22 1.000 1.000
139.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.58	-4.7750E-04	40.45 115.6 77.52	137.3	UL-RL 4.5511E+04 -6.600 27.32 1.000 1.000
142.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.22	-4.6336E-04	42.79 116.7 79.96	137.8	UL-RL 4.5511E+04 -6.800 29.42 1.000 1.000
146.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	29.89	-4.4891E-04	45.12 117.9 82.40	138.4	UL-RL 4.5511E+04 -7.000 31.53 1.000 1.000
149.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	30.58	-4.3431E-04	47.46 119.3 84.84	139.1	UL-RL 4.5511E+04 -7.200 33.63 1.000 1.000
152.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.30	-4.1970E-04	49.80 120.8 87.28	139.9	UL-RL 4.5511E+04 -7.400 35.73 1.000 1.000
156.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.02	-4.0519E-04	52.14 122.3 89.72	140.7	UL-RL 4.5511E+04 -7.600 37.83 1.000 1.000
160.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	32.76	-3.9089E-04	54.48 123.9 92.16	141.7	UL-RL 4.5511E+04 -7.800 39.93 1.000 1.000
163.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	33.51	-3.7688E-04	56.82 125.5 94.60	142.7	UL-RL 4.5511E+04 -8.000 42.03 1.000 1.000
167.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.27	-3.6322E-04	59.15 127.2 97.04	143.7	UL-RL 4.5511E+04 -8.200 44.14 1.000 1.000
171.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.03	-3.4997E-04	61.49 128.9 99.48	144.9	UL-RL 4.5511E+04 -8.400 46.24 1.000 1.000
175.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	35.80	-3.3716E-04	63.83 130.7 101.9	146.0	UL-RL 4.5511E+04 -8.600 48.34 1.000 1.000
179.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	36.57	-3.2482E-04	66.17 132.4 104.4	147.2	UL-RL 4.5511E+04 -8.800 50.44 1.000 1.000
182.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.35	-3.1299E-04	68.51 134.2 106.8	148.4	UL-RL 4.5511E+04 -9.000 52.54 1.000 1.000
186.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.12	-3.0166E-04	70.85 136.0 109.2	149.7	UL-RL 4.5511E+04 -9.200 54.64 1.000 1.000
190.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	38.90	-2.9086E-04	73.18 137.7 111.7	151.0	UL-RL 4.5511E+04 -9.400 56.75 1.000 1.000
194.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	39.67	-2.8060E-04	75.52 139.5 114.1	152.3	UL-RL 4.5511E+04 -9.600 58.85 1.000 1.000
198.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	40.45	-2.7089E-04	77.86 141.3 116.6	153.6	UL-RL 4.5511E+04 -9.800 60.95 1.000 1.000
202.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	41.23	-2.6173E-04	80.20 143.1 119.0	155.0	UL-RL 4.5511E+04 -10.00 63.05 1.000 1.000
206.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
52 D	41.19	-2.5315E-04	82.54 140.8 121.4	156.4	UL-RL 6.1647E+04 -10.20 65.15 1.000 1.000
205.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
53 D	41.98	-2.4516E-04	84.88 142.7 123.9	157.8	UL-RL 6.1647E+04 -10.40 67.25 1.000 1.000
209.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
54 D	42.78	-2.3777E-04	87.21 144.5 126.3	159.2	UL-RL 6.1647E+04 -10.60 69.36 1.000 1.000
213.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
55 D	43.57	-2.3098E-04	89.55 146.4 128.8	160.6	UL-RL 6.1647E+04 -10.80 71.46 1.000 1.000
217.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
56 D	44.36	-2.2478E-04	91.89 148.2 131.2	162.1	UL-RL 6.1647E+04 -11.00 73.56 1.000 1.000
221.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
57 D	45.14	-2.1917E-04	94.23 150.0 133.6	163.6	UL-RL 6.1647E+04 -11.20 75.66 1.000 1.000
225.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
58 D	45.92	-2.1412E-04	96.57 151.8 136.1	165.0	UL-RL 6.1647E+04 -11.40 77.76 1.000 1.000
229.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
59 D	46.69	-2.0961E-04	98.91 153.6 138.5	166.5	UL-RL 6.1647E+04 -11.60 79.86 1.000 1.000
233.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
60 D	47.46	-2.0563E-04	101.2 155.3 141.0	168.0	UL-RL 6.1647E+04 -11.80 81.97 1.000 1.000
237.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
61 D	48.23	-2.0215E-04	103.6 157.1 143.4	169.5	UL-RL 6.1647E+04 -12.00 84.07 1.000 1.000
241.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
62 D	48.99	-1.9913E-04	105.9 158.8 145.8	171.1	UL-RL 6.1647E+04 -12.20 86.17 1.000 1.000
245.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
63 D	49.75	-1.9656E-04	108.3 160.5 148.3	172.6	UL-RL 6.1647E+04 -12.40 88.27 1.000 1.000
248.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
64 D	50.51	-1.9441E-04	110.6 162.2 150.7	174.1	UL-RL 6.1647E+04 -12.60 90.37 1.000 1.000
252.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
65 D	51.26	-1.9265E-04	112.9 163.8 153.2	175.7	UL-RL 6.1647E+04 -12.80 92.47 1.000 1.000
256.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
66 D	52.01	-1.9124E-04	115.3 165.5 155.6	177.3	UL-RL 6.1647E+04 -13.00 94.58 1.000 1.000
260.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
67 D	52.76	-1.9017E-04	117.6 167.1 158.0	178.8	UL-RL 6.1647E+04 -13.20 96.68 1.000 1.000
263.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
68 D	53.50	-1.8940E-04	120.0 168.7 160.5	180.4	UL-RL 6.1647E+04 -13.40 98.78 1.000 1.000
267.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
69 D	54.24	-1.8892E-04	122.3 170.3 162.9	182.0	UL-RL 6.1647E+04 -13.60 100.9 1.000 1.000
271.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
70 D	54.99	-1.8869E-04	124.6 172.0 165.4	183.6	UL-RL 6.1647E+04 -13.80 103.0 1.000 1.000
274.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
71 D	55.73	-1.8869E-04	127.0 173.6 167.8	185.2	UL-RL 6.1647E+04 -14.00 105.1 1.000 1.000
278.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_		
72 D	55.97	-1.8891E-04	128.9 172.6 169.9	184.3	UL-RL 6.1647E+04 -14.20 107.2 1.000 1.000
279.8	0.000	0.000	Limosabbiosol_237_225_L_0		
73 D	56.65	-1.8931E-04	130.9 174.0 171.9	185.6	UL-RL 6.1647E+04 -14.40 109.3 1.000 1.000
283.2	0.000	0.000	Limosabbiosol_237_225_L_0		
74 D	57.33	-1.8989E-04	132.8 175.3 174.0	187.0	UL-RL 6.1647E+04 -14.60 111.4 1.000 1.000
286.6	0.000	0.000	Limosabbiosol_237_225_L_0		
75 D	58.01	-1.9063E-04	134.8 176.5 176.0	188.3	UL-RL 6.1647E+04 -14.80 113.5 1.000 1.000
290.0	0.000	0.000	Limosabbiosol_237_225_L_0		
76 D	58.69	-1.9149E-04	136.8 177.8 178.1	189.6	UL-RL 6.1647E+04 -15.00 115.6 1.000 1.000
293.4	0.000	0.000	Limosabbiosol_237_225_L_0		
77 D	59.37	-1.9248E-04	138.7 179.1 180.2	191.0	UL-RL 6.1647E+04 -15.20 117.7 1.000 1.000
296.8	0.000	0.000	Limosabbiosol_237_225_L_0		

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78 D	60.04	-1.9356E-04	140.7	180.4	182.2	192.4	UL-RL	6.1647E+04	-15.40	119.8	1.000	1.000
300.2	0.000	0.000	Limosabbiosol_237_225_L_0									
79 D	60.72	-1.9474E-04	142.6	181.7	184.3	193.7	UL-RL	6.1647E+04	-15.60	121.9	1.000	1.000
303.6	0.000	0.000	Limosabbiosol_237_225_L_0									
80 D	61.40	-1.9599E-04	144.6	183.0	186.3	195.1	UL-RL	6.1647E+04	-15.80	124.0	1.000	1.000
307.0	0.000	0.000	Limosabbiosol_237_225_L_0									
81 D	62.08	-1.9730E-04	146.5	184.3	188.4	196.4	UL-RL	6.1647E+04	-16.00	126.1	1.000	1.000
310.4	0.000	0.000	Limosabbiosol_237_225_L_0									
82 D	62.75	-1.9866E-04	148.5	185.6	190.5	197.8	UL-RL	6.1647E+04	-16.20	128.2	1.000	1.000
313.8	0.000	0.000	Limosabbiosol_237_225_L_0									
83 D	63.43	-2.0007E-04	150.5	186.8	192.5	199.2	UL-RL	6.1647E+04	-16.40	130.3	1.000	1.000
317.2	0.000	0.000	Limosabbiosol_237_225_L_0									
84 D	64.11	-2.0150E-04	152.4	188.1	194.6	200.6	UL-RL	6.1647E+04	-16.60	132.4	1.000	1.000
320.5	0.000	0.000	Limosabbiosol_237_225_L_0									
85 D	64.79	-2.0296E-04	154.4	189.4	196.6	201.9	UL-RL	6.1647E+04	-16.80	134.5	1.000	1.000
323.9	0.000	0.000	Limosabbiosol_237_225_L_0									
86 D	65.47	-2.0444E-04	156.3	190.7	198.7	203.3	UL-RL	6.1647E+04	-17.00	136.6	1.000	1.000
327.3	0.000	0.000	Limosabbiosol_237_225_L_0									
87 D	66.15	-2.0593E-04	158.3	192.0	200.8	204.7	UL-RL	6.1647E+04	-17.20	138.7	1.000	1.000
330.7	0.000	0.000	Limosabbiosol_237_225_L_0									
88 D	66.83	-2.0743E-04	160.3	193.3	202.8	206.1	UL-RL	6.1647E+04	-17.40	140.8	1.000	1.000
334.1	0.000	0.000	Limosabbiosol_237_225_L_0									
89 D	67.51	-2.0893E-04	162.2	194.6	204.9	207.5	UL-RL	6.1647E+04	-17.60	142.9	1.000	1.000
337.5	0.000	0.000	Limosabbiosol_237_225_L_0									
90 D	68.19	-2.1043E-04	164.2	195.9	206.9	208.9	UL-RL	6.1647E+04	-17.80	145.0	1.000	1.000
340.9	0.000	0.000	Limosabbiosol_237_225_L_0									
91 D	34.44	-2.1194E-04	166.1	197.2	209.0	210.3	UL-RL	6.1647E+04	-18.00	147.1	1.000	1.000
344.4	0.000	0.000	Limosabbiosol_237_225_L_0									

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Exe Time : 8 June 2018 11:15:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.96544	-0.96544	1.65379E-12	0.19309
2	3.4101	-3.4101	-0.19309	0.87510
3	6.2482	-6.2482	-0.87510	2.1247
4	9.2652	-9.2652	-2.1247	3.9778
5	13.095	-13.095	-3.9778	6.5967
6	17.829	-17.829	-6.5967	10.162
7	23.386	-23.386	-10.162	14.840
8	29.699	-29.699	-14.840	20.779
9	41.348	-41.348	-20.779	29.049
10	53.487	-53.487	-29.049	39.746
11	66.071	-66.071	-39.746	52.961
12	79.093	-79.093	-52.961	68.779
13	92.530	-92.530	-68.779	87.285
14	106.41	-106.41	-87.285	108.57
15	121.24	-121.24	-108.57	132.82
16	-104.40	104.40	-132.82	111.94
17	-87.601	87.601	-111.94	94.417
18	-69.884	69.884	-94.417	80.440
19	-53.283	53.283	-80.440	69.783
20	-40.455	40.455	-69.783	61.692
21	-31.437	31.437	-61.692	55.405
22	-24.771	24.771	-55.405	50.450
23	-20.473	20.473	-50.450	46.356
24	-18.554	18.554	-46.356	42.645
25	-19.016	19.016	-42.645	38.842
26	-21.652	21.652	-38.842	34.511
27	-21.887	21.887	-34.511	30.134
28	-21.557	21.557	-30.134	25.823
29	-20.802	20.802	-25.823	21.662
30	-19.736	19.736	-21.662	17.715
31	-18.447	18.447	-17.715	14.026
32	-17.008	17.008	-14.026	10.624
33	-15.477	15.477	-10.624	7.5286
34	-13.902	13.902	-7.5286	4.7481
35	-12.322	12.322	-4.7481	2.2837
36	-10.768	10.768	-2.2837	0.13015
37	-9.2633	9.2633	-0.13015	-1.7225
38	-7.8291	7.8291	1.7225	-3.2883
39	-6.4800	6.4800	3.2883	-4.5843
40	-5.2278	5.2278	4.5843	-5.6299
41	-4.0810	4.0810	5.6299	-6.4461
42	-3.1023	3.1023	6.4461	-7.0666
43	-2.3166	2.3166	7.0666	-7.5299
44	-1.7105	1.7105	7.5299	-7.8720
45	-1.2708	1.2708	7.8720	-8.1262
46	-0.98467	0.98467	8.1262	-8.3231
47	-0.84004	0.84004	8.3231	-8.4911
48	-0.82544	0.82544	8.4911	-8.6562
49	-0.93010	0.93010	8.6562	-8.8422
50	-1.1439	1.1439	8.8422	-9.0710
51	-1.4573	1.4573	9.0710	-9.3624
52	-0.69189	0.69189	9.3624	-9.5008
53	-4.40117E-02	4.40117E-02	9.5008	-9.5096
54	0.49820	-0.49820	9.5096	-9.4100
55	0.94591	-0.94591	9.4100	-9.2208
56	1.3095	-1.3095	9.2208	-8.9589
57	1.5987	-1.5987	8.9589	-8.6392
58	1.8224	-1.8224	8.6392	-8.2747
59	1.9887	-1.9887	8.2747	-7.8769
60	2.1050	-2.1050	7.8769	-7.4559
61	2.1783	-2.1783	7.4559	-7.0203
62	2.2145	-2.2145	7.0203	-6.5774
63	2.2193	-2.2193	6.5774	-6.1335
64	2.1977	-2.1977	6.1335	-5.6940
65	2.1540	-2.1540	5.6940	-5.2632
66	2.0923	-2.0923	5.2632	-4.8447
67	2.0162	-2.0162	4.8447	-4.4415
68	1.9277	-1.9277	4.4415	-4.0559

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69	1.8294	-1.8294	4.0559	-3.6901
70	1.7238	-1.7238	3.6901	-3.3453
71	1.6134	-1.6134	3.3453	-3.0226
72	1.5553	-1.5553	3.0226	-2.7116
73	1.4873	-1.4873	2.7116	-2.4141
74	1.4115	-1.4115	2.4141	-2.1318
75	1.3302	-1.3302	2.1318	-1.8658
76	1.2448	-1.2448	1.8658	-1.6168
77	1.1556	-1.1556	1.6168	-1.3857
78	1.0641	-1.0641	1.3857	-1.1729
79	0.97146	-0.97146	1.1729	-0.97858
80	0.87881	-0.87881	0.97858	-0.80282
81	0.78687	-0.78687	0.80282	-0.64545
82	0.69623	-0.69623	0.64545	-0.50620
83	0.60729	-0.60729	0.50620	-0.38474
84	0.52029	-0.52029	0.38474	-0.28068
85	0.43533	-0.43533	0.28068	-0.19361
86	0.35240	-0.35240	0.19361	-0.12313
87	0.27139	-0.27139	0.12313	-6.88563E-02
88	0.19212	-0.19212	6.88563E-02	-3.04322E-02
89	0.11435	-0.11435	3.04322E-02	-7.56110E-03
90	3.78055E-02	-3.78055E-02	7.56110E-03	1.75514E-12





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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
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New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
 CURRENT TIME IS 3.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	250.00	-1.12900E-03	-1.12900E-03	0.0000	0.0000	0.0000	0.0000	BORN NOW JUST ACTIVATED

ITER 0 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.5780E+06 RIMNOR=0.2025E+06  
 RENORM=0.4032E+05 REMNOR=0.5136E-21 RATIO =0.2641 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 132.8  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.5780E+06 RDR =0.2025E+06  
 RATIO=0.2641 RATOR= 0.000  
 MAX UN= 35.38 IEQ= 95 NODE 48 DOF 1 Y-DISPL.F  
 MIN UN=-31.74 IEQ= 143 NODE 72 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.5780E+06 RIMNOR=0.2025E+06  
 RENORM=0.1918 REMNOR=0.2480E-18 RATIO =0.5760E-03 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 241.5 RMMAX = 132.8  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.5780E+06 RDR =0.2025E+06  
 RATIO=0.5760E-03 RATOR= 0.000  
 MAX UN=0.2432 IEQ= 119 NODE 60 DOF 1 Y-DISPL.F  
 MIN UN=-.1386 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.5780E+06 RIMNOR=0.2025E+06  
 RENORM=0.6255E-03 REMNOR=0.1757E-19 RATIO =0.3290E-04 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 241.5 RMMAX = 132.8  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.5780E+06 RDR =0.2025E+06  
 RATIO=0.3290E-04 RATOR= 0.000  
 MAX UN=0.5500E-09 IEQ= 175 NODE 88 DOF 1 Y-DISPL.F  
 MIN UN=-.9496E-02 IEQ= 117 NODE 59 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 4 ( AT TIME 4.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	-2.6752879E-04	5.4249953E-04
2	-1.5902642E-04	5.4253643E-04
3	-5.0503475E-05	5.4273445E-04
4	5.8090399E-05	5.4327806E-04
5	1.6684412E-04	5.4436725E-04
6	2.7588882E-04	5.4622922E-04
7	3.8540552E-04	5.4913684E-04
8	4.9563452E-04	5.5340900E-04
9	6.0688411E-04	5.5940594E-04
10	7.1954357E-04	5.6760298E-04
11	8.3410936E-04	5.7856090E-04
12	9.5118794E-04	5.9281897E-04
13	1.0714914E-03	6.1089320E-04
14	1.1958324E-03	6.3327549E-04
15	1.3251198E-03	6.6043209E-04
16	1.4603538E-03	6.9281678E-04
17	1.6021017E-03	7.2302807E-04
18	1.7489270E-03	7.4366891E-04
19	1.8989621E-03	7.5520308E-04
20	2.0504321E-03	7.5809455E-04
21	2.2016546E-03	7.5280629E-04
22	2.3510400E-03	7.3979960E-04
23	2.4970905E-03	7.1953397E-04
24	2.6383995E-03	6.9246756E-04
25	2.7736539E-03	6.5905748E-04
26	2.9016301E-03	6.1976175E-04
27	3.0211969E-03	5.7504046E-04
28	3.1313085E-03	5.2525153E-04
29	3.2309762E-03	4.7064988E-04
30	3.3192642E-03	4.1149322E-04
31	3.3952878E-03	3.4805150E-04
32	3.4582182E-03	2.8061068E-04
33	3.5072856E-03	2.0947303E-04
34	3.5417823E-03	1.3495768E-04
35	3.5610659E-03	5.7401397E-05
36	3.5645640E-03	-2.2836006E-05
37	3.5517791E-03	-1.0535898E-04
38	3.5222970E-03	-1.8973225E-04
39	3.4757949E-03	-2.7547466E-04
40	3.4120518E-03	-3.6205291E-04
41	3.3309577E-03	-4.4887729E-04
42	3.2325281E-03	-5.3529309E-04
43	3.1169158E-03	-6.2057800E-04
44	2.9844252E-03	-7.0393813E-04
45	2.8355279E-03	-7.8450006E-04
46	2.6708766E-03	-8.6130208E-04
47	2.4913284E-03	-9.3328357E-04
48	2.2979621E-03	-9.9928047E-04
49	2.0921001E-03	-1.0580192E-03
50	1.8752975E-03	-1.1086288E-03
51	1.6492142E-03	-1.1507709E-03
52	1.4155713E-03	-1.1842513E-03
53	1.1760851E-03	-1.2092300E-03
54	9.3241659E-04	-1.2261486E-03
55	6.8613322E-04	-1.2354535E-03
56	4.3871285E-04	-1.2375935E-03
57	1.9154345E-04	-1.2330190E-03
58	-5.4077199E-05	-1.2221812E-03
59	-2.9694168E-04	-1.2055330E-03
60	-5.3593327E-04	-1.1835276E-03
61	-7.7002557E-04	-1.1566146E-03
62	-9.9828156E-04	-1.1252384E-03
63	-1.2198528E-03	-1.0898411E-03
64	-1.4339795E-03	-1.0508657E-03
65	-1.6399904E-03	-1.0087599E-03
66	-1.8373051E-03	-9.6397974E-04
67	-2.0254353E-03	-9.1699444E-04
68	-2.2039883E-03	-8.6829059E-04
69	-2.3726709E-03	-8.1837721E-04
70	-2.5312943E-03	-7.6779075E-04
71	-2.6797803E-03	-7.1710019E-04
72	-2.8181679E-03	-6.6691217E-04

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73 -2.9466224E-03 -6.1788245E-04  
74 -3.0654414E-03 -5.7065967E-04  
75 -3.1750438E-03 -5.2580087E-04  
76 -3.2759493E-03 -4.8375591E-04  
77 -3.3687571E-03 -4.4487502E-04  
78 -3.4541274E-03 -4.0941587E-04  
79 -3.5327630E-03 -3.7755008E-04  
80 -3.6053931E-03 -3.4936914E-04  
81 -3.6727575E-03 -3.2488976E-04  
82 -3.7355922E-03 -3.0405875E-04  
83 -3.7946163E-03 -2.8675732E-04  
84 -3.8505184E-03 -2.7280493E-04  
85 -3.9039456E-03 -2.6196261E-04  
86 -3.9554912E-03 -2.5393592E-04  
87 -4.0056845E-03 -2.4837740E-04  
88 -4.0549801E-03 -2.4488876E-04  
89 -4.1037482E-03 -2.4302261E-04  
90 -4.1522668E-03 -2.4228401E-04  
91 -4.2007033E-03 -2.4213184E-04









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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:49

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
CURRENT TIME IS 4.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				

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33	0.000	--	--	--	REMOVED	--	-6.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-6.600	0.000	1.000	1.000
34	0.000	--	--	--	REMOVED	--	-6.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.000	0.000	1.000	1.000
35	0.000	--	--	--	REMOVED	--	-7.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.400	0.000	1.000	1.000
36	0.000	--	--	--	REMOVED	--	-7.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.800	0.000	1.000	1.000
37	0.000	--	--	--	REMOVED	--	-8.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.200	0.000	1.000	1.000
38	0.000	--	--	--	REMOVED	--	-8.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.600	0.000	1.000	1.000
39	0.000	--	--	--	REMOVED	--	-8.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.000	0.000	1.000	1.000
40	0.000	--	--	--	REMOVED	--	-9.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.400	0.000	1.000	1.000
41	0.000	--	--	--	REMOVED	--	-9.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.800	0.000	1.000	1.000
42	0.000	--	--	--	REMOVED	--	-10.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-10.200	0.000	1.000	1.000
43	0.000	--	--	--	REMOVED	--	-10.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-10.600	0.000	1.000	1.000
44	0.000	--	--	--	REMOVED	--	-10.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.000	0.000	1.000	1.000
45	0.000	--	--	--	REMOVED	--	-11.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.400	0.000	1.000	1.000
46	0.000	--	--	--	REMOVED	--	-11.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.800	0.000	1.000	1.000
47	0.000	--	--	--	REMOVED	--	-12.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-12.200	0.000	1.000	1.000
48	0.000	--	--	--	REMOVED	--	-12.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-12.600	0.000	1.000	1.000
49 D	16.37	2.0921E-03	2.140 81.85 114.1	152.3	PASSIVE	0.000	-9.600	0.000	1.000	1.000
81.85	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
50 D	20.61	1.8753E-03	6.420 103.1 116.6	153.6	PASSIVE	0.000	-9.800	0.000	1.000	1.000
103.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
51 D	24.86	1.6492E-03	10.70 124.3 119.0	155.0	PASSIVE	0.000	-10.000	0.000	1.000	1.000
124.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
52 D	33.29	1.4156E-03	12.97 164.3 121.4	164.3	PASSIVE	0.000	-10.200	2.171	1.000	1.000
166.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
53 D	35.85	1.1761E-03	15.24 174.9 123.9	174.9	PASSIVE	0.000	-10.400	4.343	1.000	1.000
179.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
54 D	38.40	9.3242E-04	17.51 185.5 126.3	185.5	PASSIVE	0.000	-10.600	6.514	1.000	1.000
192.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
55 D	40.95	6.8613E-04	19.77 196.1 128.8	196.1	PASSIVE	0.000	-10.800	8.686	1.000	1.000
204.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
56 D	43.51	4.3871E-04	22.04 206.7 131.2	206.7	PASSIVE	0.000	-11.000	10.86	1.000	1.000
217.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
57 D	46.06	1.9154E-04	24.31 217.3 133.6	217.3	PASSIVE	0.000	-11.200	13.03	1.000	1.000
230.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
58 D	48.61	-5.4077E-05	26.58 227.9 136.1	227.9	PASSIVE	0.000	-11.400	15.20	1.000	1.000
243.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
59 D	50.72	-2.9694E-04	28.85 236.2 138.5	238.5	UL-RL	2.5384E+04	-11.600	17.37	1.000	1.000
253.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
60 D	52.04	-5.3593E-04	31.12 240.7 141.0	249.0	UL-RL	2.5384E+04	-11.800	19.54	1.000	1.000
260.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
61 D	53.39	-7.7003E-04	33.39 245.2 143.4	259.6	UL-RL	2.5384E+04	-12.000	21.71	1.000	1.000
266.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
62 D	54.77	-9.9828E-04	35.65 249.9 145.8	270.2	UL-RL	2.5384E+04	-12.200	23.89	1.000	1.000
273.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
63 D	56.18	-1.2199E-03	37.92 254.9 148.3	280.8	UL-RL	2.5384E+04	-12.400	26.06	1.000	1.000
280.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
64 D	57.64	-1.4340E-03	40.19 260.0 150.7	291.4	UL-RL	2.5384E+04	-12.600	28.23	1.000	1.000
288.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
65 D	59.14	-1.6400E-03	42.46 265.3 153.2	302.0	UL-RL	2.5384E+04	-12.800	30.40	1.000	1.000
295.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
66 D	60.68	-1.8373E-03	44.73 270.8 155.6	312.6	UL-RL	2.5384E+04	-13.000	32.57	1.000	1.000
303.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
67 D	62.27	-2.0254E-03	47.00 276.6 158.0	323.2	UL-RL	2.5384E+04	-13.200	34.74	1.000	1.000
311.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
68 D	63.91	-2.2040E-03	49.27 282.7 160.5	333.8	UL-RL	2.5384E+04	-13.400	36.91	1.000	1.000
319.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
69 D	65.61	-2.3727E-03	51.53 289.0 162.9	344.4	UL-RL	2.5384E+04	-13.600	39.09	1.000	1.000
328.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
70 D	67.36	-2.5313E-03	53.80 295.5 165.4	355.0	UL-RL	2.5384E+04	-13.800	41.26	1.000	1.000
336.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
71 D	69.16	-2.6798E-03	56.07 302.3 167.8	365.6	UL-RL	2.5384E+04	-14.000	43.43	1.000	1.000
345.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
72 D	70.65	-2.8182E-03	57.96 307.7 169.9	374.4	UL-RL	2.5384E+04	-14.200	45.60	1.000	1.000
353.3	0.000	0.000	Limosabbiosol_237_225_L_0							
73 D	70.55	-2.9466E-03	59.85 305.0 171.9	375.0	UL-RL	2.5384E+04	-14.400	47.77	1.000	1.000
352.8	0.000	0.000	Limosabbiosol_237_225_L_0							
74 D	69.80	-3.0654E-03	61.74 299.1 174.0	372.1	UL-RL	2.5384E+04	-14.600	49.94	1.000	1.000
349.0	0.000	0.000	Limosabbiosol_237_225_L_0							
75 D	69.16	-3.1750E-03	63.63 293.7 176.0	369.4	UL-RL	2.5384E+04	-14.800	52.11	1.000	1.000
345.8	0.000	0.000	Limosabbiosol_237_225_L_0							
76 D	68.60	-3.2759E-03	65.51 288.7 178.1	367.0	UL-RL	2.5384E+04	-15.000	54.29	1.000	1.000
343.0	0.000	0.000	Limosabbiosol_237_225_L_0							
77 D	68.13	-3.3688E-03	67.40 284.2 180.2	364.8	UL-RL	2.5384E+04	-15.200	56.46	1.000	1.000
340.6	0.000	0.000	Limosabbiosol_237_225_L_0							



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78 D	67.73	-3.4541E-03	69.29 280.0 182.2	362.8	UL-RL 2.5384E+04 -15.40 58.63 1.000 1.000
338.6	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	67.40	-3.5328E-03	71.18 276.2 184.3	361.0	UL-RL 2.5384E+04 -15.60 60.80 1.000 1.000
337.0	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	67.14	-3.6054E-03	73.07 272.7 186.3	359.3	UL-RL 2.5384E+04 -15.80 62.97 1.000 1.000
335.7	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	66.94	-3.6728E-03	74.96 269.5 188.4	357.8	UL-RL 2.5384E+04 -16.00 65.14 1.000 1.000
334.7	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	66.79	-3.7356E-03	76.85 266.6 190.5	356.4	UL-RL 2.5384E+04 -16.20 67.31 1.000 1.000
333.9	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	66.68	-3.7946E-03	78.73 263.9 192.5	355.2	UL-RL 2.5384E+04 -16.40 69.49 1.000 1.000
333.4	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	66.62	-3.8505E-03	80.62 261.4 194.6	354.0	UL-RL 2.5384E+04 -16.60 71.66 1.000 1.000
333.1	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	66.59	-3.9039E-03	82.51 259.1 196.6	353.1	UL-RL 2.5384E+04 -16.80 73.83 1.000 1.000
332.9	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	66.59	-3.9555E-03	84.40 256.9 198.7	352.2	UL-RL 2.5384E+04 -17.00 76.00 1.000 1.000
332.9	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	66.62	-4.0057E-03	86.29 254.9 200.8	351.4	UL-RL 2.5384E+04 -17.20 78.17 1.000 1.000
333.1	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	66.67	-4.0550E-03	88.18 253.0 202.8	350.7	UL-RL 2.5384E+04 -17.40 80.34 1.000 1.000
333.4	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	66.75	-4.1037E-03	90.07 251.2 204.9	350.1	UL-RL 2.5384E+04 -17.60 82.51 1.000 1.000
333.7	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	66.84	-4.1523E-03	91.95 249.5 206.9	349.6	UL-RL 2.5384E+04 -17.80 84.69 1.000 1.000
334.2	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	33.48	-4.2007E-03	93.84 247.9 209.0	349.1	UL-RL 2.5384E+04 -18.00 86.86 1.000 1.000
334.8	0.000	0.000	Limosabbiosol_237_225_L_0		

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:49

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 4.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.1674	-1.1674	-1.83853E-12	0.23347
2	3.9310	-3.9310	-0.23347	1.0197
3	7.0033	-7.0033	-1.0197	2.4203
4	10.259	-10.259	-2.4203	4.4722
5	14.192	-14.192	-4.4722	7.3105
6	18.893	-18.893	-7.3105	11.089
7	24.282	-24.282	-11.089	15.945
8	30.291	-30.291	-15.945	22.004
9	39.321	-39.321	-22.004	29.868
10	48.034	-48.034	-29.868	39.475
11	56.384	-56.384	-39.475	50.751
12	64.361	-64.361	-50.751	63.624
13	71.947	-71.947	-63.624	78.013
14	79.114	-79.114	-78.013	93.836
15	86.304	-86.304	-93.836	111.10
16	-155.07	155.07	-111.10	80.083
17	-147.74	147.74	-80.083	50.534
18	-140.40	140.40	-50.534	22.455
19	-133.06	133.06	-22.455	-4.1574
20	-125.75	125.75	4.1574	-29.307
21	-118.47	118.47	29.307	-53.000
22	-111.21	111.21	53.000	-75.242
23	-103.97	103.97	75.242	-96.037
24	-96.739	96.739	96.037	-115.38
25	-89.485	89.485	115.38	-133.28
26	-82.182	82.182	133.28	-149.72
27	-78.160	78.160	149.72	-165.35
28	-74.125	74.125	165.35	-180.18
29	-69.988	69.988	180.18	-194.17
30	-65.593	65.593	194.17	-207.29
31	-60.939	60.939	207.29	-219.48
32	-56.030	56.030	219.48	-230.69
33	-50.841	50.841	230.69	-240.85
34	-45.388	45.388	240.85	-249.93
35	-39.432	39.432	249.93	-257.82
36	-32.885	32.885	257.82	-264.39
37	-25.659	25.659	264.39	-269.53
38	-17.661	17.661	269.53	-273.06
39	-8.7986	8.7986	273.06	-274.82
40	1.0244	-1.0244	274.82	-274.61
41	11.904	-11.904	274.61	-272.23
42	23.878	-23.878	272.23	-267.46
43	37.022	-37.022	267.46	-260.05
44	51.501	-51.501	260.05	-249.75
45	67.476	-67.476	249.75	-236.26
46	85.047	-85.047	236.26	-219.25
47	104.31	-104.31	219.25	-198.39
48	125.34	-125.34	198.39	-173.32
49	131.86	-131.86	173.32	-146.95
50	136.06	-136.06	146.95	-119.73
51	137.99	-137.99	119.73	-92.137
52	131.03	-131.03	92.137	-65.930
53	123.99	-123.99	65.930	-41.132
54	116.91	-116.91	41.132	-17.750
55	109.79	-109.79	17.750	4.2080
56	102.66	-102.66	-4.2080	24.740
57	95.511	-95.511	-24.740	43.842
58	88.333	-88.333	-43.842	61.509
59	81.171	-81.171	-61.509	77.743
60	74.109	-74.109	-77.743	92.565
61	67.108	-67.108	-92.565	105.99
62	60.120	-60.120	-105.99	118.01
63	53.091	-53.091	-118.01	128.63
64	45.958	-45.958	-128.63	137.82
65	38.657	-38.657	-137.82	145.55
66	31.116	-31.116	-145.55	151.77
67	23.260	-23.260	-151.77	156.43
68	15.010	-15.010	-156.43	159.43

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69	6.2865	-6.2865	-159.43	160.69
70	-2.9925	2.9925	-160.69	160.09
71	-12.908	12.908	-160.09	157.51
72	-23.740	23.740	-157.51	152.76
73	-33.432	33.432	-152.76	146.07
74	-41.366	41.366	-146.07	137.80
75	-47.665	47.665	-137.80	128.27
76	-52.447	52.447	-128.27	117.78
77	-55.818	55.818	-117.78	106.61
78	-57.877	57.877	-106.61	95.037
79	-58.713	58.713	-95.037	83.294
80	-58.406	58.406	-83.294	71.613
81	-57.030	57.030	-71.613	60.207
82	-54.648	54.648	-60.207	49.278
83	-51.317	51.317	-49.278	39.014
84	-47.087	47.087	-39.014	29.597
85	-42.000	42.000	-29.597	21.197
86	-36.094	36.094	-21.197	13.978
87	-29.398	29.398	-13.978	8.0984
88	-21.939	21.939	-8.0984	3.7107
89	-13.738	13.738	-3.7107	0.96296
90	-4.8148	4.8148	-0.96296	5.02763E-12



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:49

New Project

STRESS RESULTS FOR GROUP NO. 4

Tieback\_652 :

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
CURRENT TIME IS 4.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	257.43	-1.12900E-03	6.73925E-04	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

ITER 0 RNORM = 618.1 RMNORM= 0.000  
RINORM=0.1304E+07 RIMNOR=0.3606E+07  
RENORM= 700.6 REMNOR=0.1757E-19 RATIO =0.2318E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 248.7 RMMAX = 274.8  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.1304E+07 RDR =0.3606E+07  
RATIOT=0.2318E-01 RATIO= 0.000  
MAX UN= 6.102 IEQ= 179 NODE 90 DOF 1 Y-DISPL.F  
MIN UN=-.3476E-10 IEQ= 146 NODE 73 DOF 2 X-ROT. F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 618.1 RMNORM= 0.000  
RINORM=0.1304E+07 RIMNOR=0.3606E+07  
RENORM= 9.828 REMNOR=0.2058E-19 RATIO =0.2745E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 248.7 RMMAX = 274.8  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.1304E+07 RDR =0.3606E+07  
RATIOT=0.2745E-02 RATIO= 0.000  
MAX UN= 1.491 IEQ= 67 NODE 34 DOF 1 Y-DISPL.F  
MIN UN=-.4703E-09 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 618.1 RMNORM= 0.000  
RINORM=0.1304E+07 RIMNOR=0.3606E+07  
RENORM=0.9220E-01 REMNOR=0.1705E-19 RATIO =0.2659E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 248.7 RMMAX = 274.8  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.1304E+07 RDR =0.3606E+07  
RATIOT=0.2659E-03 RATIO= 0.000  
MAX UN=0.3037 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
MIN UN=-.6453E-09 IEQ= 87 NODE 44 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 618.1 RMNORM= 0.000  
RINORM=0.1304E+07 RIMNOR=0.3606E+07  
RENORM=0.6824E-17 REMNOR=0.2438E-19 RATIO =0.2287E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 248.7 RMMAX = 274.8  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.1304E+07 RDR =0.3606E+07  
RATIOT=0.2287E-11 RATIO= 0.000  
MAX UN=0.7296E-09 IEQ= 85 NODE 43 DOF 1 Y-DISPL.F  
MIN UN=-.8041E-09 IEQ= 83 NODE 42 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 5 ( AT TIME 5.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	2.0186308E-04	5.0111141E-04
2	3.0208858E-04	5.0115959E-04
3	4.0234068E-04	5.0141420E-04
4	5.0268336E-04	5.0210541E-04
5	6.0322836E-04	5.0347930E-04
6	7.0413884E-04	5.0580953E-04
7	8.0563724E-04	5.0941584E-04
8	9.0801466E-04	5.1466438E-04
9	1.0116397E-03	5.2196297E-04
10	1.1169683E-03	5.3178782E-04
11	1.2245576E-03	5.4465472E-04
12	1.3350660E-03	5.6105991E-04
13	1.4492491E-03	5.8147829E-04
14	1.5679551E-03	6.0636244E-04
15	1.6921204E-03	6.3614090E-04
16	1.8227656E-03	6.7123126E-04
17	1.9604683E-03	7.0415318E-04
18	2.1037840E-03	7.2743195E-04
19	2.2508270E-03	7.4149878E-04
20	2.3997982E-03	7.4678599E-04
21	2.5489849E-03	7.4372567E-04
22	2.6967607E-03	7.3274885E-04
23	2.8415853E-03	7.1428528E-04
24	2.9820035E-03	6.8876377E-04
25	3.1166481E-03	6.5661239E-04
26	3.2442351E-03	6.1826032E-04
27	3.3635676E-03	5.7413894E-04
28	3.4735303E-03	5.2461177E-04
29	3.5730716E-03	4.6998145E-04
30	3.6612034E-03	4.1056710E-04
31	3.7370020E-03	3.4670585E-04
32	3.7996129E-03	2.7875088E-04
33	3.8482540E-03	2.0707163E-04
34	3.8822190E-03	1.3205447E-04
35	3.9008801E-03	5.4102268E-05
36	3.9036920E-03	-2.6367320E-05
37	3.8901944E-03	-1.0891885E-04
38	3.8600157E-03	-1.9310143E-04
39	3.8128762E-03	-2.7844841E-04
40	3.7485919E-03	-3.6446750E-04
41	3.6670806E-03	-4.5061991E-04
42	3.5683753E-03	-5.3630162E-04
43	3.4526361E-03	-6.2084096E-04
44	3.3201646E-03	-7.0349456E-04
45	3.1714200E-03	-7.8343326E-04
46	3.0070352E-03	-8.5972448E-04
47	2.8278430E-03	-9.3132336E-04
48	2.6348958E-03	-9.9707342E-04
49	2.4294879E-03	-1.0557105E-03
50	2.2131432E-03	-1.1063893E-03
51	1.9874843E-03	-1.1488015E-03
52	1.7541904E-03	-1.1827673E-03
53	1.5149340E-03	-1.2084537E-03
54	1.2713321E-03	-1.2262927E-03
55	1.0249129E-03	-1.2366927E-03
56	7.7712505E-04	-1.2400416E-03
57	5.2934174E-04	-1.2367075E-03
58	2.8286429E-04	-1.2270397E-03
59	3.8926009E-05	-1.2113696E-03
60	-2.0130523E-04	-1.1900247E-03
61	-4.3672945E-04	-1.1633637E-03
62	-6.6632385E-04	-1.1317998E-03
63	-8.8915373E-04	-1.0958012E-03
64	-1.1043824E-03	-1.0558729E-03
65	-1.3112751E-03	-1.0125281E-03
66	-1.5092002E-03	-9.6628187E-04
67	-1.6976292E-03	-9.1765563E-04
68	-1.8761393E-03	-8.6718234E-04
69	-2.0444156E-03	-8.1541167E-04
70	-2.2022556E-03	-7.6291549E-04
71	-2.3495734E-03	-7.1029339E-04
72	-2.4864067E-03	-6.5817828E-04

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73 -2.6129238E-03 -6.0724815E-04  
74 -2.7294295E-03 -5.5817035E-04  
75 -2.8363536E-03 -5.1151742E-04  
76 -2.9342290E-03 -4.6775201E-04  
77 -3.0236709E-03 -4.2723470E-04  
78 -3.1053571E-03 -3.9023148E-04  
79 -3.1800096E-03 -3.5692052E-04  
80 -3.2483779E-03 -3.2739846E-04  
81 -3.3112230E-03 -3.0168606E-04  
82 -3.3693030E-03 -2.7973332E-04  
83 -3.4233592E-03 -2.6142414E-04  
84 -3.4741037E-03 -2.4658031E-04  
85 -3.5222066E-03 -2.3496510E-04  
86 -3.5682855E-03 -2.2628633E-04  
87 -3.6128939E-03 -2.2019912E-04  
88 -3.6565115E-03 -2.1630819E-04  
89 -3.6995340E-03 -2.1416970E-04  
90 -3.7422657E-03 -2.1329291E-04  
91 -3.7848993E-03 -2.1310575E-04







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78 D	63.14	3.1054E-03	302.2 252.6 302.2	265.3	UL-RL 3.6208E+04 -15.40 63.09 1.000 1.000
315.7	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	64.01	3.1800E-03	304.7 255.2 304.7	267.9	UL-RL 3.6208E+04 -15.60 64.91 1.000 1.000
320.1	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	64.86	3.2484E-03	307.0 257.6 307.0	270.5	UL-RL 3.6208E+04 -15.80 66.74 1.000 1.000
324.3	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	65.70	3.3112E-03	309.3 259.9 309.3	273.0	UL-RL 3.6208E+04 -16.00 68.57 1.000 1.000
328.5	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	66.52	3.3693E-03	311.5 262.2 311.5	275.4	UL-RL 3.6208E+04 -16.20 70.40 1.000 1.000
332.6	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	67.32	3.4234E-03	314.0 264.4 314.0	277.8	UL-RL 3.6208E+04 -16.40 72.23 1.000 1.000
336.6	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	68.12	3.4741E-03	316.1 266.5 316.1	280.2	UL-RL 3.6208E+04 -16.60 74.06 1.000 1.000
340.6	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	68.91	3.5222E-03	318.5 268.7 318.5	282.5	UL-RL 3.6208E+04 -16.80 75.89 1.000 1.000
344.5	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	69.69	3.5683E-03	320.8 270.7 320.8	284.8	UL-RL 3.6208E+04 -17.00 77.71 1.000 1.000
348.5	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	70.47	3.6129E-03	323.2 272.8 323.2	287.0	UL-RL 3.6208E+04 -17.20 79.54 1.000 1.000
352.4	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	71.25	3.6565E-03	325.3 274.9 325.3	289.3	UL-RL 3.6208E+04 -17.40 81.37 1.000 1.000
356.2	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	72.02	3.6995E-03	327.7 276.9 327.7	291.5	UL-RL 3.6208E+04 -17.60 83.20 1.000 1.000
360.1	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	72.80	3.7423E-03	330.0 278.9 330.0	293.8	UL-RL 3.6208E+04 -17.80 85.03 1.000 1.000
364.0	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	36.78	3.7849E-03	332.2 281.0 332.2	296.0	UL-RL 3.6208E+04 -18.00 86.86 1.000 1.000
367.8	0.000	0.000	Limosabbiosol_237_225_L_0		



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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:49

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 91  
CURRENT TIME IS 5.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				

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33	0.000	--	--	--	REMOVED	--	-6.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-6.600	0.000	1.000	1.000
34	0.000	--	--	--	REMOVED	--	-6.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.000	0.000	1.000	1.000
35	0.000	--	--	--	REMOVED	--	-7.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.400	0.000	1.000	1.000
36	0.000	--	--	--	REMOVED	--	-7.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-7.800	0.000	1.000	1.000
37	0.000	--	--	--	REMOVED	--	-8.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.200	0.000	1.000	1.000
38	0.000	--	--	--	REMOVED	--	-8.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-8.600	0.000	1.000	1.000
39	0.000	--	--	--	REMOVED	--	-8.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.000	0.000	1.000	1.000
40	0.000	--	--	--	REMOVED	--	-9.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.400	0.000	1.000	1.000
41	0.000	--	--	--	REMOVED	--	-9.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-9.800	0.000	1.000	1.000
42	0.000	--	--	--	REMOVED	--	-10.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-10.200	0.000	1.000	1.000
43	0.000	--	--	--	REMOVED	--	-10.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-10.600	0.000	1.000	1.000
44	0.000	--	--	--	REMOVED	--	-10.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.000	0.000	1.000	1.000
45	0.000	--	--	--	REMOVED	--	-11.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.400	0.000	1.000	1.000
46	0.000	--	--	--	REMOVED	--	-11.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-11.800	0.000	1.000	1.000
47	0.000	--	--	--	REMOVED	--	-12.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-12.200	0.000	1.000	1.000
48	0.000	--	--	--	REMOVED	--	-12.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	REMOVED	--	-12.600	0.000	1.000	1.000
49 D	16.02	2.4295E-03	2.140 80.09 114.1	152.3	PASSIVE	0.000	-9.600	0.000	1.000	1.000
80.09	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
50 D	20.10	2.2131E-03	6.420 100.5 116.6	153.6	PASSIVE	0.000	-9.800	0.000	1.000	1.000
100.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
51 D	24.18	1.9875E-03	10.70 120.9 119.0	155.0	PASSIVE	0.000	-10.000	0.000	1.000	1.000
120.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
52 D	32.29	1.7542E-03	12.97 159.3 121.4	164.3	PASSIVE	0.000	-10.200	2.171	1.000	1.000
161.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
53 D	34.64	1.5149E-03	15.24 168.9 123.9	174.9	PASSIVE	0.000	-10.400	4.343	1.000	1.000
173.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
54 D	37.01	1.2713E-03	17.51 178.5 126.3	185.5	PASSIVE	0.000	-10.600	6.514	1.000	1.000
185.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
55 D	39.39	1.0249E-03	19.77 188.2 128.8	196.1	PASSIVE	0.000	-10.800	8.686	1.000	1.000
196.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
56 D	41.77	7.7713E-04	22.04 198.0 131.2	206.7	PASSIVE	0.000	-11.000	10.86	1.000	1.000
208.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
57 D	44.15	5.2934E-04	24.31 207.7 133.6	217.3	PASSIVE	0.000	-11.200	13.03	1.000	1.000
220.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
58 D	46.54	2.8286E-04	26.58 217.5 136.1	227.9	PASSIVE	0.000	-11.400	15.20	1.000	1.000
232.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
59 D	48.93	3.8926E-05	28.85 227.3 138.5	238.5	PASSIVE	0.000	-11.600	17.37	1.000	1.000
244.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
60 D	51.32	-2.0131E-04	31.12 237.1 141.0	249.0	PASSIVE	0.000	-11.800	19.54	1.000	1.000
256.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
61 D	53.71	-4.3673E-04	33.39 246.9 143.4	259.6	PASSIVE	0.000	-12.000	21.71	1.000	1.000
268.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
62 D	56.11	-6.6632E-04	35.65 256.6 145.8	270.2	PASSIVE	0.000	-12.200	23.89	1.000	1.000
280.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
63 D	57.86	-8.8915E-04	37.92 263.2 148.3	280.8	UL-RL	2.5384E+04	-12.400	26.06	1.000	1.000
289.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
64 D	59.31	-1.1044E-03	40.19 268.3 150.7	291.4	UL-RL	2.5384E+04	-12.600	28.23	1.000	1.000
296.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
65 D	60.80	-1.3113E-03	42.46 273.6 153.2	302.0	UL-RL	2.5384E+04	-12.800	30.40	1.000	1.000
304.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
66 D	62.35	-1.5092E-03	44.73 279.2 155.6	312.6	UL-RL	2.5384E+04	-13.000	32.57	1.000	1.000
311.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
67 D	63.94	-1.6976E-03	47.00 284.9 158.0	323.2	UL-RL	2.5384E+04	-13.200	34.74	1.000	1.000
319.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
68 D	65.58	-1.8761E-03	49.27 291.0 160.5	333.8	UL-RL	2.5384E+04	-13.400	36.91	1.000	1.000
327.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
69 D	67.28	-2.0444E-03	51.53 297.3 162.9	344.4	UL-RL	2.5384E+04	-13.600	39.09	1.000	1.000
336.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
70 D	69.03	-2.2023E-03	53.80 303.9 165.4	355.0	UL-RL	2.5384E+04	-13.800	41.26	1.000	1.000
345.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
71 D	70.83	-2.3496E-03	56.07 310.7 167.8	365.6	UL-RL	2.5384E+04	-14.000	43.43	1.000	1.000
354.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_							
72 D	72.34	-2.4864E-03	57.96 316.1 169.9	374.4	UL-RL	2.5384E+04	-14.200	45.60	1.000	1.000
361.7	0.000	0.000	Limosabbiosol_237_225_L_0							
73 D	72.24	-2.6129E-03	59.85 313.5 171.9	375.0	UL-RL	2.5384E+04	-14.400	47.77	1.000	1.000
361.2	0.000	0.000	Limosabbiosol_237_225_L_0							
74 D	71.51	-2.7294E-03	61.74 307.6 174.0	372.1	UL-RL	2.5384E+04	-14.600	49.94	1.000	1.000
357.6	0.000	0.000	Limosabbiosol_237_225_L_0							
75 D	70.88	-2.8364E-03	63.63 302.3 176.0	369.4	UL-RL	2.5384E+04	-14.800	52.11	1.000	1.000
354.4	0.000	0.000	Limosabbiosol_237_225_L_0							
76 D	70.33	-2.9342E-03	65.51 297.4 178.1	367.0	UL-RL	2.5384E+04	-15.000	54.29	1.000	1.000
351.7	0.000	0.000	Limosabbiosol_237_225_L_0							
77 D	69.88	-3.0237E-03	67.40 292.9 180.2	364.8	UL-RL	2.5384E+04	-15.200	56.46	1.000	1.000
349.4	0.000	0.000	Limosabbiosol_237_225_L_0							

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78 D	69.50	-3.1054E-03	69.29 288.9 182.2	362.8	UL-RL 2.5384E+04 -15.40 58.63 1.000 1.000
347.5	0.000	0.000	Limosabbiosol_237_225_L_0		
79 D	69.19	-3.1800E-03	71.18 285.2 184.3	361.0	UL-RL 2.5384E+04 -15.60 60.80 1.000 1.000
346.0	0.000	0.000	Limosabbiosol_237_225_L_0		
80 D	68.95	-3.2484E-03	73.07 281.8 186.3	359.3	UL-RL 2.5384E+04 -15.80 62.97 1.000 1.000
344.8	0.000	0.000	Limosabbiosol_237_225_L_0		
81 D	68.77	-3.3112E-03	74.96 278.7 188.4	357.8	UL-RL 2.5384E+04 -16.00 65.14 1.000 1.000
343.9	0.000	0.000	Limosabbiosol_237_225_L_0		
82 D	68.65	-3.3693E-03	76.85 275.9 190.5	356.4	UL-RL 2.5384E+04 -16.20 67.31 1.000 1.000
343.2	0.000	0.000	Limosabbiosol_237_225_L_0		
83 D	68.57	-3.4234E-03	78.73 273.3 192.5	355.2	UL-RL 2.5384E+04 -16.40 69.49 1.000 1.000
342.8	0.000	0.000	Limosabbiosol_237_225_L_0		
84 D	68.53	-3.4741E-03	80.62 271.0 194.6	354.0	UL-RL 2.5384E+04 -16.60 71.66 1.000 1.000
342.6	0.000	0.000	Limosabbiosol_237_225_L_0		
85 D	68.53	-3.5222E-03	82.51 268.8 196.6	353.1	UL-RL 2.5384E+04 -16.80 73.83 1.000 1.000
342.6	0.000	0.000	Limosabbiosol_237_225_L_0		
86 D	68.56	-3.5683E-03	84.40 266.8 198.7	352.2	UL-RL 2.5384E+04 -17.00 76.00 1.000 1.000
342.8	0.000	0.000	Limosabbiosol_237_225_L_0		
87 D	68.61	-3.6129E-03	86.29 264.9 200.8	351.4	UL-RL 2.5384E+04 -17.20 78.17 1.000 1.000
343.1	0.000	0.000	Limosabbiosol_237_225_L_0		
88 D	68.70	-3.6565E-03	88.18 263.1 202.8	350.7	UL-RL 2.5384E+04 -17.40 80.34 1.000 1.000
343.5	0.000	0.000	Limosabbiosol_237_225_L_0		
89 D	68.80	-3.6995E-03	90.07 261.5 204.9	350.1	UL-RL 2.5384E+04 -17.60 82.51 1.000 1.000
344.0	0.000	0.000	Limosabbiosol_237_225_L_0		
90 D	68.92	-3.7423E-03	91.95 259.9 206.9	349.6	UL-RL 2.5384E+04 -17.80 84.69 1.000 1.000
344.6	0.000	0.000	Limosabbiosol_237_225_L_0		
91 D	34.53	-3.7849E-03	93.84 258.4 209.0	349.1	UL-RL 2.5384E+04 -18.00 86.86 1.000 1.000
345.3	0.000	0.000	Limosabbiosol_237_225_L_0		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:49

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 90  
CURRENT TIME IS 5.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.5242	-1.5242	2.12186E-12	0.30484
2	5.0077	-5.0077	-0.30484	1.3064
3	8.8061	-8.8061	-1.3064	3.0676
4	12.794	-12.794	-3.0676	5.6264
5	17.465	-17.465	-5.6264	9.1194
6	22.911	-22.911	-9.1194	13.702
7	29.050	-29.050	-13.702	19.512
8	35.815	-35.815	-19.512	26.674
9	44.117	-44.117	-26.674	35.498
10	52.134	-52.134	-35.498	45.925
11	59.819	-59.819	-45.925	57.888
12	67.161	-67.161	-57.888	71.321
13	74.138	-74.138	-71.321	86.148
14	80.720	-80.720	-86.148	102.29
15	87.350	-87.350	-102.29	119.76
16	-155.96	155.96	-119.76	88.570
17	-149.15	149.15	-88.570	58.740
18	-142.32	142.32	-58.740	30.276
19	-135.47	135.47	-30.276	3.1815
20	-128.64	128.64	-3.1815	-22.547
21	-121.84	121.84	22.547	-46.915
22	-115.05	115.05	46.915	-69.924
23	-108.27	108.27	69.924	-91.579
24	-101.50	101.50	91.579	-111.88
25	-94.696	94.696	111.88	-130.82
26	-87.847	87.847	130.82	-148.39
27	-83.194	83.194	148.39	-165.03
28	-78.280	78.280	165.03	-180.68
29	-73.080	73.080	180.68	-195.30
30	-67.622	67.622	195.30	-208.82
31	-61.905	61.905	208.82	-221.20
32	-55.933	55.933	221.20	-232.39
33	-49.680	49.680	232.39	-242.33
34	-43.198	43.198	242.33	-250.96
35	-36.440	36.440	250.96	-258.25
36	-29.433	29.433	258.25	-264.14
37	-22.174	22.174	264.14	-268.57
38	-14.668	14.668	268.57	-271.51
39	-6.6118	6.6118	271.51	-272.83
40	2.4075	-2.4075	272.83	-272.35
41	12.485	-12.485	272.35	-269.85
42	23.660	-23.660	269.85	-265.12
43	36.005	-36.005	265.12	-257.92
44	49.883	-49.883	257.92	-247.94
45	65.537	-65.537	247.94	-234.83
46	82.931	-82.931	234.83	-218.25
47	102.13	-102.13	218.25	-197.82
48	122.93	-122.93	197.82	-173.24
49	128.86	-128.86	173.24	-147.46
50	132.71	-132.71	147.46	-120.92
51	134.52	-134.52	120.92	-94.019
52	127.46	-127.46	94.019	-68.527
53	120.83	-120.83	68.527	-44.360
54	114.54	-114.54	44.360	-21.452
55	108.56	-108.56	21.452	0.26016
56	102.89	-102.89	-0.26016	20.838
57	97.511	-97.511	-20.838	40.340
58	92.404	-92.404	-40.340	58.821
59	87.150	-87.150	-58.821	76.251
60	81.050	-81.050	-76.251	92.461
61	74.084	-74.084	-92.461	107.28
62	66.231	-66.231	-107.28	120.52
63	58.107	-58.107	-120.52	132.15
64	49.991	-49.991	-132.15	142.14
65	41.812	-41.812	-142.14	150.51
66	33.492	-33.492	-150.51	157.20
67	24.950	-24.950	-157.20	162.19
68	16.100	-16.100	-162.19	165.41

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69	6.8555	-6.8555	-165.41	166.79
70	-2.8715	2.8715	-166.79	166.21
71	-13.170	13.170	-166.21	163.58
72	-24.324	24.324	-163.58	158.71
73	-34.284	34.284	-158.71	151.86
74	-42.440	42.440	-151.86	143.37
75	-48.922	48.922	-143.37	133.58
76	-53.850	53.850	-133.58	122.81
77	-57.337	57.337	-122.81	111.35
78	-59.488	59.488	-111.35	99.448
79	-60.395	60.395	-99.448	87.369
80	-60.144	60.144	-87.369	75.341
81	-58.813	58.813	-75.341	63.578
82	-56.470	56.470	-63.578	52.284
83	-53.175	53.175	-52.284	41.649
84	-48.980	48.980	-41.649	31.853
85	-43.931	43.931	-31.853	23.067
86	-38.068	38.068	-23.067	15.453
87	-31.423	31.423	-15.453	9.1687
88	-24.025	24.025	-9.1687	4.3638
89	-15.896	15.896	-4.3638	1.1844
90	-5.9218	5.9218	-1.1844	6.31842E-12

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:15:49

New Project

S T R E S S R E S U L T S F O R G R O U P N O . 4

Tieback\_652

ELEMENT TYPE 6 NO.OF ELEMENTS. IN THIS GROUP 1  
C U R R E N T T I M E I S 5.0000

POST-TENSION 2D-BOUNDARY ELEMENT

	EL	FORCE	d0	EDISPL	pl. eps	K	-ve limit	+ve limit	
ANCHOR	1	258.87	-1.12900E-03	1.02399E-03	0.0000	4120.1	0.0000	0.0000	ELASTIC ORIGINAL YOUNG MODULUS

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FINAL INCREMENTAL ANALYSIS

SUMMARY

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	4
4	CONVERGENCE :YES	3
5	CONVERGENCE :YES	4

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.47 [sec]

DATABASE CREATION CPU TIME..... 0.20 [sec]

## 2. PARATIA ALLA PK 140+462, H = 14 M

### Design Assumption : Nominal - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:37:25

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.Nominal\_63

STARTING

ACCEPTED &lt;FILE,GENW

ACCEPTED &lt;FILE,PLOTTER,BINARY

ACCEPTED &lt;SOLVE TOTAL\_STRESS

ACCEPTED &lt;PARAM ITEMAX 40

ACCEPTED &lt;CONTROL HINGES 0 0.0001 0.001

&gt;

&gt;

&gt;

&gt;

&gt;



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```
*****  
*  
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED *  
* BY THE PROGRAM. *  
*****
```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	71
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	142
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	445
NO. OF LONG NAMES (LASTNAME) .....	16
LENGTH UNIT CHOICE .....	3 ( M )
FORCE UNIT CHOICE .....	3 ( KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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PREPROCESSOR DATA

NO. OF COMMANDS 445

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -14 0 1
7 : SOIL 0_L LeftWall_32 -14 0 1 0
8 : SOIL 0_R LeftWall_32 -14 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosa2_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : LDATA sabbialimosoghiaiosa3_236_221_L_0 -10 LeftWall_32
31 : ATREST 0.76 2 1
32 : WEIGHT 21.4 12.2 10
33 : PERMEABILITY 1E-05
34 : RESISTANCE 30 36 0 0 0
35 : YOUNG 1E+05 2.5E+05
36 : ENDL
37 : MATERIAL Fe360_108 2.06E+08
38 : MATERIAL C2530_104 3.148E+07
39 : BEAM WallElement_33 LeftWall_32 -14 0 C2530_104 0.6225 00 00 0
40 : STRIP LeftWall_32 1 3 1.5 28.5 0 20 45
41 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
42 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
43 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
44 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
45 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
46 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
47 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
48 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
49 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
50 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
51 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
52 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
53 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
54 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
55 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
56 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45

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78 : STRIP LeftWall\_32 1 1 14.8 0.4 0 50.4 45  
 79 : STRIP LeftWall\_32 1 1 15.2 0.4 0 50.4 45  
 80 : STRIP LeftWall\_32 1 1 15.6 0.4 0 50.4 45  
 81 : STRIP LeftWall\_32 1 1 16.0 0.4 0 50.4 45  
 82 : STRIP LeftWall\_32 1 1 16.4 0.4 0 50.4 45  
 83 : STRIP LeftWall\_32 1 1 16.8 0.4 0 50.4 45  
 84 : STRIP LeftWall\_32 1 1 17.2 0.4 0 50.4 45  
 85 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
 86 : STRIP LeftWall\_32 1 1 18.0 0.4 0 50.4 45  
 87 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
 88 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
 89 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
 90 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
 91 : STRIP LeftWall\_32 1 1 20.0 0.4 0 50.4 45  
 92 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
 93 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
 94 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
 95 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
 96 : STRIP LeftWall\_32 1 1 22.0 0.4 0 50.4 45  
 97 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
 98 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
 99 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
 100 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
 101 : STRIP LeftWall\_32 1 1 24.0 0.4 0 50.4 45  
 102 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
 103 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
 104 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
 105 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
 106 : STRIP LeftWall\_32 1 1 26.0 0.4 0 50.4 45  
 107 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
 108 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
 109 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
 110 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
 111 : STRIP LeftWall\_32 1 1 28.0 0.4 0 50.4 45  
 112 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
 113 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
 114 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
 115 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
 116 : STRIP LeftWall\_32 2 2 0.4 0.4 0 1.68 45  
 117 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
 118 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
 119 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
 120 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
 121 : STRIP LeftWall\_32 2 2 2.0 0.4 0 18.48 45  
 122 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
 123 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
 124 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
 125 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
 126 : STRIP LeftWall\_32 2 2 4.0 0.4 0 35.28 45  
 127 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
 128 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
 129 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
 130 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
 131 : STRIP LeftWall\_32 2 2 6.0 0.4 0 50.4 45  
 132 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
 133 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
 134 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
 135 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
 136 : STRIP LeftWall\_32 2 2 8.0 0.4 0 50.4 45  
 137 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
 138 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
 139 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
 140 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
 141 : STRIP LeftWall\_32 2 2 10.0 0.4 0 50.4 45  
 142 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
 143 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
 144 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
 145 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
 146 : STRIP LeftWall\_32 2 2 12.0 0.4 0 50.4 45  
 147 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
 148 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
 149 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
 150 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
 151 : STRIP LeftWall\_32 2 2 14.0 0.4 0 50.4 45  
 152 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
 153 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
 154 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
 155 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
 156 : STRIP LeftWall\_32 2 2 16.0 0.4 0 50.4 45  
 157 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
 158 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
 159 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
 160 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
 161 : STRIP LeftWall\_32 2 2 18.0 0.4 0 50.4 45  
 162 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
 163 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
 164 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
 165 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
 166 : STRIP LeftWall\_32 2 2 20.0 0.4 0 50.4 45  
 167 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 26 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 185 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 186 : STRIP LeftWall\_32 2 2 28 0.4 0 50.4 45  
 187 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 188 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 189 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 190 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 191 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 192 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 193 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 194 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 195 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 196 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 197 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 198 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 199 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 200 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 201 : STRIP LeftWall\_32 3 3 4 0.4 0 35.28 45  
 202 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 203 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 204 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 205 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 206 : STRIP LeftWall\_32 3 3 6 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 208 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 209 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 210 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 214 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 215 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 216 : STRIP LeftWall\_32 3 3 10 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 12 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 14 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 16 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 20 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 22 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 259 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 260 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 261 : STRIP LeftWall\_32 3 3 28 0.4 0 50.4 45  
 262 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 263 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 264 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45  
 265 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 266 : STEP Stage1\_31  
 267 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 268 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 269 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 270 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 271 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 272 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 273 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 274 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 275 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 276 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 277 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32  
 278 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
 279 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
 280 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
 281 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
 282 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
 283 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
 284 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-FRICT=36 LeftWall\_32  
 286 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-FRICT=36 LeftWall\_32  
 287 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KA=0.215 LeftWall\_32  
 288 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KP=6.978 LeftWall\_32  
 289 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KA=0.215 LeftWall\_32  
 290 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KP=6.978 LeftWall\_32  
 291 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
 292 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 293 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
 294 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 295 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
 296 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 297 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
 298 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 299 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
 300 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 301 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
 302 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 303 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
 304 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
 305 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
 306 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
 307 : SETWALL LeftWall\_32  
 308 : GEOM 0 0  
 309 : WATER -0.5 0 -14 0 0  
 310 : ADD WallElement\_33  
 311 : ENDSTEP  
 312 : STEP Stage2\_446  
 313 : SETWALL LeftWall\_32  
 314 : GEOM 0 -5.5  
 315 : WATER -4.5 1.5 -14 0 0  
 316 : ENDSTEP  
 317 : STEP Stage3\_549  
 318 : SETWALL LeftWall\_32  
 319 : GEOM 0 -5.5  
 320 : WATER -4.5 1.5 -14 0 0  
 321 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.427 LeftWall\_32  
 322 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.489 LeftWall\_32  
 323 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.888 LeftWall\_32  
 324 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.703 LeftWall\_32  
 325 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.427 LeftWall\_32  
 326 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.489 LeftWall\_32  
 327 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.888 LeftWall\_32  
 328 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.703 LeftWall\_32  
 329 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAED=0.241 LeftWall\_32  
 330 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAEW=0.271 LeftWall\_32  
 331 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPED=7.242 LeftWall\_32  
 332 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPEW=6.997 LeftWall\_32  
 333 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAED=0.241 LeftWall\_32  
 334 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAEW=0.271 LeftWall\_32  
 335 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPED=7.242 LeftWall\_32  
 336 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPEW=6.997 LeftWall\_32  
 337 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAED=0.241 LeftWall\_32  
 338 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAEW=0.271 LeftWall\_32  
 339 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPED=7.242 LeftWall\_32  
 340 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPEW=7.003 LeftWall\_32  
 341 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAED=0.241 LeftWall\_32  
 342 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAEW=0.271 LeftWall\_32  
 343 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPED=7.242 LeftWall\_32  
 344 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPEW=7.003 LeftWall\_32  
 345 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KAED=0.251 LeftWall\_32  
 346 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KAEW=0.282 LeftWall\_32  
 347 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KPED=6.715 LeftWall\_32

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348 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPEW=6.488 LeftWall\_32  
 349 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAED=0.251 LeftWall\_32  
 350 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAEW=0.282 LeftWall\_32  
 351 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPED=6.715 LeftWall\_32  
 352 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPEW=6.488 LeftWall\_32  
 353 : EQK USER 0.0676 0 0 26.57 0.66 0 0.66 1 0  
 354 : DLOAD step LeftWall\_32 -5.5 2.764 0 2.764  
 355 : DLOAD step LeftWall\_32 -5.5 0.8495 0 0.8495  
 356 : DLOAD step LeftWall\_32 -4.7 1.984 -4.5 0  
 357 : DLOAD step LeftWall\_32 -4.9 2.806 -4.7 1.984  
 358 : DLOAD step LeftWall\_32 -5.1 3.437 -4.9 2.806  
 359 : DLOAD step LeftWall\_32 -5.3 3.969 -5.1 3.437  
 360 : DLOAD step LeftWall\_32 -5.5 4.437 -5.3 3.969  
 361 : DLOAD step LeftWall\_32 -5.7 4.86 -5.5 4.437  
 362 : DLOAD step LeftWall\_32 -5.9 5.25 -5.7 4.86  
 363 : DLOAD step LeftWall\_32 -6.1 5.612 -5.9 5.25  
 364 : DLOAD step LeftWall\_32 -6.3 5.953 -6.1 5.612  
 365 : DLOAD step LeftWall\_32 -6.5 6.275 -6.3 5.953  
 366 : DLOAD step LeftWall\_32 -6.7 6.581 -6.5 6.275  
 367 : DLOAD step LeftWall\_32 -6.9 6.874 -6.7 6.581  
 368 : DLOAD step LeftWall\_32 -7.1 7.154 -6.9 6.874  
 369 : DLOAD step LeftWall\_32 -7.3 7.425 -7.1 7.154  
 370 : DLOAD step LeftWall\_32 -7.5 7.685 -7.3 7.425  
 371 : DLOAD step LeftWall\_32 -7.7 7.937 -7.5 7.685  
 372 : DLOAD step LeftWall\_32 -7.9 8.181 -7.7 7.937  
 373 : DLOAD step LeftWall\_32 -8.1 8.419 -7.9 8.181  
 374 : DLOAD step LeftWall\_32 -8.3 8.649 -8.1 8.419  
 375 : DLOAD step LeftWall\_32 -8.5 8.874 -8.3 8.649  
 376 : DLOAD step LeftWall\_32 -8.7 9.093 -8.5 8.874  
 377 : DLOAD step LeftWall\_32 -8.9 9.307 -8.7 9.093  
 378 : DLOAD step LeftWall\_32 -9.1 9.516 -8.9 9.307  
 379 : DLOAD step LeftWall\_32 -9.3 9.721 -9.1 9.516  
 380 : DLOAD step LeftWall\_32 -9.5 9.921 -9.3 9.721  
 381 : DLOAD step LeftWall\_32 -9.7 10.12 -9.5 9.921  
 382 : DLOAD step LeftWall\_32 -9.9 10.31 -9.7 10.12  
 383 : DLOAD step LeftWall\_32 -10.1 10.5 -9.9 10.31  
 384 : DLOAD step LeftWall\_32 -10.3 10.69 -10.1 10.5  
 385 : DLOAD step LeftWall\_32 -10.5 10.87 -10.3 10.69  
 386 : DLOAD step LeftWall\_32 -10.7 11.05 -10.5 10.87  
 387 : DLOAD step LeftWall\_32 -10.9 11.22 -10.7 11.05  
 388 : DLOAD step LeftWall\_32 -11.1 11.4 -10.9 11.22  
 389 : DLOAD step LeftWall\_32 -11.3 11.57 -11.1 11.4  
 390 : DLOAD step LeftWall\_32 -11.5 11.74 -11.3 11.57  
 391 : DLOAD step LeftWall\_32 -11.7 11.91 -11.5 11.74  
 392 : DLOAD step LeftWall\_32 -11.9 12.07 -11.7 11.91  
 393 : DLOAD step LeftWall\_32 -12.1 12.23 -11.9 12.07  
 394 : DLOAD step LeftWall\_32 -12.3 12.39 -12.1 12.23  
 395 : DLOAD step LeftWall\_32 -12.5 12.55 -12.3 12.39  
 396 : DLOAD step LeftWall\_32 -12.7 12.71 -12.5 12.55  
 397 : DLOAD step LeftWall\_32 -12.9 12.86 -12.7 12.71  
 398 : DLOAD step LeftWall\_32 -13.1 13.01 -12.9 12.86  
 399 : DLOAD step LeftWall\_32 -13.3 13.16 -13.1 13.01  
 400 : DLOAD step LeftWall\_32 -13.5 13.31 -13.3 13.16  
 401 : DLOAD step LeftWall\_32 -13.7 13.46 -13.5 13.31  
 402 : DLOAD step LeftWall\_32 -13.9 13.6 -13.7 13.46  
 403 : DLOAD step LeftWall\_32 -14 13.68 -13.9 13.6  
 404 : DLOAD step LeftWall\_32 -6.2 1.821 -6 0  
 405 : DLOAD step LeftWall\_32 -6.4 2.575 -6.2 1.821  
 406 : DLOAD step LeftWall\_32 -6.6 3.154 -6.4 2.575  
 407 : DLOAD step LeftWall\_32 -6.8 3.642 -6.6 3.154  
 408 : DLOAD step LeftWall\_32 -7 4.072 -6.8 3.642  
 409 : DLOAD step LeftWall\_32 -7.2 4.46 -7 4.072  
 410 : DLOAD step LeftWall\_32 -7.4 4.818 -7.2 4.46  
 411 : DLOAD step LeftWall\_32 -7.6 5.15 -7.4 4.818  
 412 : DLOAD step LeftWall\_32 -7.8 5.463 -7.6 5.15  
 413 : DLOAD step LeftWall\_32 -8 5.758 -7.8 5.463  
 414 : DLOAD step LeftWall\_32 -8.2 6.039 -8 5.758  
 415 : DLOAD step LeftWall\_32 -8.4 6.308 -8.2 6.039  
 416 : DLOAD step LeftWall\_32 -8.6 6.565 -8.4 6.308  
 417 : DLOAD step LeftWall\_32 -8.8 6.813 -8.6 6.565  
 418 : DLOAD step LeftWall\_32 -9 7.052 -8.8 6.813  
 419 : DLOAD step LeftWall\_32 -9.2 7.284 -9 7.052  
 420 : DLOAD step LeftWall\_32 -9.4 7.508 -9.2 7.284  
 421 : DLOAD step LeftWall\_32 -9.6 7.725 -9.4 7.508  
 422 : DLOAD step LeftWall\_32 -9.8 7.937 -9.6 7.725  
 423 : DLOAD step LeftWall\_32 -10 8.143 -9.8 7.937  
 424 : DLOAD step LeftWall\_32 -10.2 8.344 -10 8.143  
 425 : DLOAD step LeftWall\_32 -10.4 8.541 -10.2 8.344  
 426 : DLOAD step LeftWall\_32 -10.6 8.733 -10.4 8.541  
 427 : DLOAD step LeftWall\_32 -10.8 8.921 -10.6 8.733  
 428 : DLOAD step LeftWall\_32 -11 9.105 -10.8 8.921  
 429 : DLOAD step LeftWall\_32 -11.2 9.285 -11 9.105  
 430 : DLOAD step LeftWall\_32 -11.4 9.462 -11.2 9.285  
 431 : DLOAD step LeftWall\_32 -11.6 9.635 -11.4 9.462  
 432 : DLOAD step LeftWall\_32 -11.8 9.806 -11.6 9.635  
 433 : DLOAD step LeftWall\_32 -12 9.973 -11.8 9.806  
 434 : DLOAD step LeftWall\_32 -12.2 10.14 -12 9.973  
 435 : DLOAD step LeftWall\_32 -12.4 10.3 -12.2 10.14  
 436 : DLOAD step LeftWall\_32 -12.6 10.46 -12.4 10.3  
 437 : DLOAD step LeftWall\_32 -12.8 10.62 -12.6 10.46

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```
438 : DLOAD step LeftWall_32 -13 10.77 -12.8 10.62
439 : DLOAD step LeftWall_32 -13.2 10.93 -13 10.77
440 : DLOAD step LeftWall_32 -13.4 11.08 -13.2 10.93
441 : DLOAD step LeftWall_32 -13.6 11.22 -13.4 11.08
442 : DLOAD step LeftWall_32 -13.8 11.37 -13.6 11.22
443 : DLOAD step LeftWall_32 -14 11.52 -13.8 11.37
444 : DLOAD step LeftWall_32 -14 11.52 -14 11.52
445 : ENDSTEP
```



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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:37:25

N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD /
1	0.0000	0.0000 /	2	0.0000 -0.20000 /	3	0.0000 -0.40000 /	4	0.0000 -0.60000 /
5	0.0000	-0.80000 /	6	0.0000 -1.0000 /	7	0.0000 -1.2000 /	8	0.0000 -1.4000 /
9	0.0000	-1.6000 /	10	0.0000 -1.8000 /	11	0.0000 -2.0000 /	12	0.0000 -2.2000 /
13	0.0000	-2.4000 /	14	0.0000 -2.6000 /	15	0.0000 -2.8000 /	16	0.0000 -3.0000 /
17	0.0000	-3.2000 /	18	0.0000 -3.4000 /	19	0.0000 -3.6000 /	20	0.0000 -3.8000 /
21	0.0000	-4.0000 /	22	0.0000 -4.2000 /	23	0.0000 -4.4000 /	24	0.0000 -4.6000 /
25	0.0000	-4.8000 /	26	0.0000 -5.0000 /	27	0.0000 -5.2000 /	28	0.0000 -5.4000 /
29	0.0000	-5.6000 /	30	0.0000 -5.8000 /	31	0.0000 -6.0000 /	32	0.0000 -6.2000 /
33	0.0000	-6.4000 /	34	0.0000 -6.6000 /	35	0.0000 -6.8000 /	36	0.0000 -7.0000 /
37	0.0000	-7.2000 /	38	0.0000 -7.4000 /	39	0.0000 -7.6000 /	40	0.0000 -7.8000 /
41	0.0000	-8.0000 /	42	0.0000 -8.2000 /	43	0.0000 -8.4000 /	44	0.0000 -8.6000 /
45	0.0000	-8.8000 /	46	0.0000 -9.0000 /	47	0.0000 -9.2000 /	48	0.0000 -9.4000 /
49	0.0000	-9.6000 /	50	0.0000 -9.8000 /	51	0.0000 -10.000 /	52	0.0000 -10.200 /
53	0.0000	-10.400 /	54	0.0000 -10.600 /	55	0.0000 -10.800 /	56	0.0000 -11.000 /
57	0.0000	-11.200 /	58	0.0000 -11.400 /	59	0.0000 -11.600 /	60	0.0000 -11.800 /
61	0.0000	-12.000 /	62	0.0000 -12.200 /	63	0.0000 -12.400 /	64	0.0000 -12.600 /
65	0.0000	-12.800 /	66	0.0000 -13.000 /	67	0.0000 -13.200 /	68	0.0000 -13.400 /
69	0.0000	-13.600 /	70	0.0000 -13.800 /	71	0.0000 -14.000 /		

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NewProject.BaseDesignSection\_28.Nominal\_63  
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ELEMENT GROUP NO. 1

0\_L :  
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....  
.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 1.00000

material set no. 2  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 2.00000

material set no. 3  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 3.00000

material set no. 4  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 4.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000

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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000

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```

ELEMENT GROUP NO. 2

```

0_R
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

```

```

.....2D PLASTIC SOIL .....

```

element group behaviour throughout stage analysis

```

stage  status
-----
1  active
2  active
3  active

```

```

material set no.  1

prop( 1) angle           180.000
prop( 2) layer as foreseen 1.00000

```

```

material set no.  2

prop( 1) angle           180.000
prop( 2) layer as foreseen 2.00000

```

```

material set no.  3

prop( 1) angle           180.000
prop( 2) layer as foreseen 3.00000

```

```

material set no.  4

prop( 1) angle           180.000
prop( 2) layer as foreseen 4.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000

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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33  
2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status

- 1 active
- 2 active
- 3 active

material set no. 1

- prop( 1) young modulus 0.314800E+08
- prop( 2) modification time 0.00000
- prop( 3) new young modulus 0.00000
- prop( 4) poisson ratio 0.00000
- prop( 5) future ..... 0.00000

no. of step variable items: 1

step inertia multiplier

- 1 1.000
- 2 1.000
- 3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000

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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:37:25

NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5



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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -5.500 PRESSURE 2.764  
Z-COORD 0.000 PRESSURE 2.764

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 28

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
28	-.5400E+01	0.4171607E+00 /	27	-.5200E+01	0.5579172E+00 /	26	-.5000E+01	0.5579172E+00 /
25	-.4800E+01	0.5579186E+00 /	24	-.4600E+01	0.5579186E+00 /	23	-.4400E+01	0.5579186E+00 /
22	-.4200E+01	0.5579186E+00 /	21	-.4000E+01	0.5579172E+00 /	20	-.3800E+01	0.5579172E+00 /
19	-.3600E+01	0.5579186E+00 /	18	-.3400E+01	0.5579186E+00 /	17	-.3200E+01	0.5579200E+00 /
16	-.3000E+01	0.5579200E+00 /	15	-.2800E+01	0.5579186E+00 /	14	-.2600E+01	0.5579186E+00 /
13	-.2400E+01	0.5579186E+00 /	12	-.2200E+01	0.5579186E+00 /	11	-.2000E+01	0.5579186E+00 /
10	-.1800E+01	0.5579186E+00 /	9	-.1600E+01	0.5579186E+00 /	8	-.1400E+01	0.5579186E+00 /
7	-.1200E+01	0.5579186E+00 /	6	-.1000E+01	0.5579186E+00 /	5	-.8000E+00	0.5579186E+00 /
4	-.6000E+00	0.5579186E+00 /	3	-.4000E+00	0.5579186E+00 /	2	-.2000E+00	0.5579186E+00 /
1	0.0000E+00	0.2789593E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 15.202

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
 AT Y-COORD 0.000 Z-COORD -5.500 PRESSURE 0.8495  
 Z-COORD 0.000 PRESSURE 0.8495

L.CURVE 3

NO. OF GENERATED NODAL FORCES 28

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
28	-.5400E+01	0.1282120E+00 /	27	-.5200E+01	0.1714727E+00 /	26	-.5000E+01	0.1714727E+00 /
25	-.4800E+01	0.1714732E+00 /	24	-.4600E+01	0.1714732E+00 /	23	-.4400E+01	0.1714732E+00 /
22	-.4200E+01	0.1714732E+00 /	21	-.4000E+01	0.1714727E+00 /	20	-.3800E+01	0.1714727E+00 /
19	-.3600E+01	0.1714732E+00 /	18	-.3400E+01	0.1714732E+00 /	17	-.3200E+01	0.1714736E+00 /
16	-.3000E+01	0.1714736E+00 /	15	-.2800E+01	0.1714732E+00 /	14	-.2600E+01	0.1714732E+00 /
13	-.2400E+01	0.1714732E+00 /	12	-.2200E+01	0.1714732E+00 /	11	-.2000E+01	0.1714732E+00 /
10	-.1800E+01	0.1714732E+00 /	9	-.1600E+01	0.1714732E+00 /	8	-.1400E+01	0.1714732E+00 /
7	-.1200E+01	0.1714732E+00 /	6	-.1000E+01	0.1714732E+00 /	5	-.8000E+00	0.1714732E+00 /
4	-.6000E+00	0.1714732E+00 /	3	-.4000E+00	0.1714732E+00 /	2	-.2000E+00	0.1714732E+00 /
1	0.0000E+00	0.8573658E-01 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 4.6722

PROCESSING DISTRIBUTED LOADS CARD NO. 3  
 AT Y-COORD 0.000 Z-COORD -4.700 PRESSURE 1.984  
 Z-COORD -4.500 PRESSURE 0.000

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
24	-.4600E+01	0.1984000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.19840

PROCESSING DISTRIBUTED LOADS CARD NO. 4  
 AT Y-COORD 0.000 Z-COORD -4.900 PRESSURE 2.806  
 Z-COORD -4.700 PRESSURE 1.984

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
25	-.4800E+01	0.4790000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.47900

PROCESSING DISTRIBUTED LOADS CARD NO. 5  
 AT Y-COORD 0.000 Z-COORD -5.100 PRESSURE 3.437  
 Z-COORD -4.900 PRESSURE 2.806

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
26	-.5000E+01	0.6243000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.62430

PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -5.300 PRESSURE 3.969  
 Z-COORD -5.100 PRESSURE 3.437

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
26	-.5000E+01	0.6243000E+00 /						

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NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
27	-.5200E+01	0.7406000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.74060		
PROCESSING DISTRIBUTED LOADS CARD NO. 7						
AT Y-COORD	0.000	Z-COORD -5.500	PRESSURE 4.437			
		Z-COORD -5.300	PRESSURE 3.969			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
28	-.5400E+01	0.8406000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.84060		
PROCESSING DISTRIBUTED LOADS CARD NO. 8						
AT Y-COORD	0.000	Z-COORD -5.700	PRESSURE 4.860			
		Z-COORD -5.500	PRESSURE 4.437			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
29	-.5600E+01	0.9297000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.92970		
PROCESSING DISTRIBUTED LOADS CARD NO. 9						
AT Y-COORD	0.000	Z-COORD -5.900	PRESSURE 5.250			
		Z-COORD -5.700	PRESSURE 4.860			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
30	-.5800E+01	0.1011000E+01 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.0110		
PROCESSING DISTRIBUTED LOADS CARD NO. 10						
AT Y-COORD	0.000	Z-COORD -6.100	PRESSURE 5.612			
		Z-COORD -5.900	PRESSURE 5.250			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
31	-.6000E+01	0.1086200E+01 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.0862		
PROCESSING DISTRIBUTED LOADS CARD NO. 11						
AT Y-COORD	0.000	Z-COORD -6.300	PRESSURE 5.953			
		Z-COORD -6.100	PRESSURE 5.612			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
32	-.6200E+01	0.1156500E+01 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.1565		
PROCESSING DISTRIBUTED LOADS CARD NO. 12						
AT Y-COORD	0.000	Z-COORD -6.500	PRESSURE 6.275			
		Z-COORD -6.300	PRESSURE 5.953			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
33	-.6400E+01	0.1222800E+01 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.2228		

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PROCESSING DISTRIBUTED LOADS CARD NO. 13  
 AT Y-COORD 0.000 Z-COORD -6.700 PRESSURE 6.581  
 Z-COORD -6.500 PRESSURE 6.275

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
34	-.6600E+01	0.1285600E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2856

PROCESSING DISTRIBUTED LOADS CARD NO. 14  
 AT Y-COORD 0.000 Z-COORD -6.900 PRESSURE 6.874  
 Z-COORD -6.700 PRESSURE 6.581

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
35	-.6800E+01	0.1345500E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3455

PROCESSING DISTRIBUTED LOADS CARD NO. 15  
 AT Y-COORD 0.000 Z-COORD -7.100 PRESSURE 7.154  
 Z-COORD -6.900 PRESSURE 6.874

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
36	-.7000E+01	0.1402800E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4028

PROCESSING DISTRIBUTED LOADS CARD NO. 16  
 AT Y-COORD 0.000 Z-COORD -7.300 PRESSURE 7.425  
 Z-COORD -7.100 PRESSURE 7.154

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
37	-.7200E+01	0.1457900E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4579

PROCESSING DISTRIBUTED LOADS CARD NO. 17  
 AT Y-COORD 0.000 Z-COORD -7.500 PRESSURE 7.685  
 Z-COORD -7.300 PRESSURE 7.425

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
38	-.7400E+01	0.1511000E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5110

PROCESSING DISTRIBUTED LOADS CARD NO. 18  
 AT Y-COORD 0.000 Z-COORD -7.700 PRESSURE 7.937  
 Z-COORD -7.500 PRESSURE 7.685

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
39	-.7600E+01	0.1562200E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5622

PROCESSING DISTRIBUTED LOADS CARD NO. 19  
 AT Y-COORD 0.000 Z-COORD -7.900 PRESSURE 8.181  
 Z-COORD -7.700 PRESSURE 7.937

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L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
40	-.7800E+01	0.1611800E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.6118			
PROCESSING DISTRIBUTED LOADS CARD NO.	20						
AT Y-COORD	0.000	Z-COORD -8.100	PRESSURE	8.419			
		Z-COORD -7.900	PRESSURE	8.181			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
41	-.8000E+01	0.1660000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.6600			
PROCESSING DISTRIBUTED LOADS CARD NO.	21						
AT Y-COORD	0.000	Z-COORD -8.300	PRESSURE	8.649			
		Z-COORD -8.100	PRESSURE	8.419			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
42	-.8200E+01	0.1706800E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.7068			
PROCESSING DISTRIBUTED LOADS CARD NO.	22						
AT Y-COORD	0.000	Z-COORD -8.500	PRESSURE	8.874			
		Z-COORD -8.300	PRESSURE	8.649			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
43	-.8400E+01	0.1752300E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.7523			
PROCESSING DISTRIBUTED LOADS CARD NO.	23						
AT Y-COORD	0.000	Z-COORD -8.700	PRESSURE	9.093			
		Z-COORD -8.500	PRESSURE	8.874			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
44	-.8600E+01	0.1796700E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.7967			
PROCESSING DISTRIBUTED LOADS CARD NO.	24						
AT Y-COORD	0.000	Z-COORD -8.900	PRESSURE	9.307			
		Z-COORD -8.700	PRESSURE	9.093			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
45	-.8800E+01	0.1840000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.8400			
PROCESSING DISTRIBUTED LOADS CARD NO.	25						
AT Y-COORD	0.000	Z-COORD -9.100	PRESSURE	9.516			
		Z-COORD -8.900	PRESSURE	9.307			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
46	-.9000E+01	0.1882300E+01 /					

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8823

PROCESSING DISTRIBUTED LOADS CARD NO. 26  
AT Y-COORD 0.000 Z-COORD -9.300 PRESSURE 9.721  
Z-COORD -9.100 PRESSURE 9.516

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
47 -.9200E+01 0.1923700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9237

PROCESSING DISTRIBUTED LOADS CARD NO. 27  
AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 9.921  
Z-COORD -9.300 PRESSURE 9.721

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
48 -.9400E+01 0.1964200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9642

PROCESSING DISTRIBUTED LOADS CARD NO. 28  
AT Y-COORD 0.000 Z-COORD -9.700 PRESSURE 10.12  
Z-COORD -9.500 PRESSURE 9.921

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
49 -.9600E+01 0.2004100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0041

PROCESSING DISTRIBUTED LOADS CARD NO. 29  
AT Y-COORD 0.000 Z-COORD -9.900 PRESSURE 10.31  
Z-COORD -9.700 PRESSURE 10.12

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
50 -.9800E+01 0.2043000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0430

PROCESSING DISTRIBUTED LOADS CARD NO. 30  
AT Y-COORD 0.000 Z-COORD -10.10 PRESSURE 10.50  
Z-COORD -9.900 PRESSURE 10.31

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
51 -.1000E+02 0.2081000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0810

PROCESSING DISTRIBUTED LOADS CARD NO. 31  
AT Y-COORD 0.000 Z-COORD -10.30 PRESSURE 10.69  
Z-COORD -10.10 PRESSURE 10.50

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
52 -.1020E+02 0.2119000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1190

PROCESSING DISTRIBUTED LOADS CARD NO. 32

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AT Y-COORD 0.000 Z-COORD -10.50 PRESSURE 10.87  
 Z-COORD -10.30 PRESSURE 10.69  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

53 -.1040E+02 0.2156000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1560

PROCESSING DISTRIBUTED LOADS CARD NO. 33  
 AT Y-COORD 0.000 Z-COORD -10.70 PRESSURE 11.05  
 Z-COORD -10.50 PRESSURE 10.87  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

54 -.1060E+02 0.2192000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1920

PROCESSING DISTRIBUTED LOADS CARD NO. 34  
 AT Y-COORD 0.000 Z-COORD -10.90 PRESSURE 11.22  
 Z-COORD -10.70 PRESSURE 11.05  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

55 -.1080E+02 0.2227000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2270

PROCESSING DISTRIBUTED LOADS CARD NO. 35  
 AT Y-COORD 0.000 Z-COORD -11.10 PRESSURE 11.40  
 Z-COORD -10.90 PRESSURE 11.22  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

56 -.1100E+02 0.2262000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2620

PROCESSING DISTRIBUTED LOADS CARD NO. 36  
 AT Y-COORD 0.000 Z-COORD -11.30 PRESSURE 11.57  
 Z-COORD -11.10 PRESSURE 11.40  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

57 -.1120E+02 0.2297000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2970

PROCESSING DISTRIBUTED LOADS CARD NO. 37  
 AT Y-COORD 0.000 Z-COORD -11.50 PRESSURE 11.74  
 Z-COORD -11.30 PRESSURE 11.57  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

58 -.1140E+02 0.2331000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3310

PROCESSING DISTRIBUTED LOADS CARD NO. 38  
 AT Y-COORD 0.000 Z-COORD -11.70 PRESSURE 11.91  
 Z-COORD -11.50 PRESSURE 11.74  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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59     -.1160E+02     0.2365000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                   2.3650

PROCESSING DISTRIBUTED LOADS CARD NO.     39  
AT Y-COORD   0.000     Z-COORD -11.90     PRESSURE   12.07  
  Z-COORD -11.70     PRESSURE   11.91  
L.CURVE                 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL

60     -.1180E+02     0.2398000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                   2.3980

PROCESSING DISTRIBUTED LOADS CARD NO.     40  
AT Y-COORD   0.000     Z-COORD -12.10     PRESSURE   12.23  
  Z-COORD -11.90     PRESSURE   12.07  
L.CURVE                 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL

61     -.1200E+02     0.2430000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                   2.4300

PROCESSING DISTRIBUTED LOADS CARD NO.     41  
AT Y-COORD   0.000     Z-COORD -12.30     PRESSURE   12.39  
  Z-COORD -12.10     PRESSURE   12.23  
L.CURVE                 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL

62     -.1220E+02     0.2462000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                   2.4620

PROCESSING DISTRIBUTED LOADS CARD NO.     42  
AT Y-COORD   0.000     Z-COORD -12.50     PRESSURE   12.55  
  Z-COORD -12.30     PRESSURE   12.39  
L.CURVE                 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL

63     -.1240E+02     0.2494000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                   2.4940

PROCESSING DISTRIBUTED LOADS CARD NO.     43  
AT Y-COORD   0.000     Z-COORD -12.70     PRESSURE   12.71  
  Z-COORD -12.50     PRESSURE   12.55  
L.CURVE                 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL

64     -.1260E+02     0.2526000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                   2.5260

PROCESSING DISTRIBUTED LOADS CARD NO.     44  
AT Y-COORD   0.000     Z-COORD -12.90     PRESSURE   12.86  
  Z-COORD -12.70     PRESSURE   12.71  
L.CURVE                 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL

65     -.1280E+02     0.2557000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                   2.5570



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PROCESSING DISTRIBUTED LOADS CARD NO. 45  
 AT Y-COORD 0.000 Z-COORD -13.10 PRESSURE 13.01  
 L.CURVE 3 Z-COORD -12.90 PRESSURE 12.86

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 66 -.1300E+02 0.2587000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5870

PROCESSING DISTRIBUTED LOADS CARD NO. 46  
 AT Y-COORD 0.000 Z-COORD -13.30 PRESSURE 13.16  
 L.CURVE 3 Z-COORD -13.10 PRESSURE 13.01

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 67 -.1320E+02 0.2617000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6170

PROCESSING DISTRIBUTED LOADS CARD NO. 47  
 AT Y-COORD 0.000 Z-COORD -13.50 PRESSURE 13.31  
 L.CURVE 3 Z-COORD -13.30 PRESSURE 13.16

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 68 -.1340E+02 0.2647000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6470

PROCESSING DISTRIBUTED LOADS CARD NO. 48  
 AT Y-COORD 0.000 Z-COORD -13.70 PRESSURE 13.46  
 L.CURVE 3 Z-COORD -13.50 PRESSURE 13.31

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 69 -.1360E+02 0.2677000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6770

PROCESSING DISTRIBUTED LOADS CARD NO. 49  
 AT Y-COORD 0.000 Z-COORD -13.90 PRESSURE 13.60  
 L.CURVE 3 Z-COORD -13.70 PRESSURE 13.46

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 70 -.1380E+02 0.2706000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.7060

PROCESSING DISTRIBUTED LOADS CARD NO. 50  
 AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 13.68  
 L.CURVE 3 Z-COORD -13.90 PRESSURE 13.60

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 71 -.1400E+02 0.1364000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3640

PROCESSING DISTRIBUTED LOADS CARD NO. 51  
 AT Y-COORD 0.000 Z-COORD -6.200 PRESSURE 1.821  
 L.CURVE 3 Z-COORD -6.000 PRESSURE 0.000

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NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
32	-.6200E+01	0.1821000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.18210			
PROCESSING DISTRIBUTED LOADS CARD NO. 52							
AT Y-COORD	0.000	Z-COORD	-6.400	PRESSURE	2.575		
		Z-COORD	-6.200	PRESSURE	1.821		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
33	-.6400E+01	0.4396000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.43960			
PROCESSING DISTRIBUTED LOADS CARD NO. 53							
AT Y-COORD	0.000	Z-COORD	-6.600	PRESSURE	3.154		
		Z-COORD	-6.400	PRESSURE	2.575		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
34	-.6600E+01	0.5729000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.57290			
PROCESSING DISTRIBUTED LOADS CARD NO. 54							
AT Y-COORD	0.000	Z-COORD	-6.800	PRESSURE	3.642		
		Z-COORD	-6.600	PRESSURE	3.154		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
35	-.6800E+01	0.6796000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.67960			
PROCESSING DISTRIBUTED LOADS CARD NO. 55							
AT Y-COORD	0.000	Z-COORD	-7.000	PRESSURE	4.072		
		Z-COORD	-6.800	PRESSURE	3.642		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
36	-.7000E+01	0.7714000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.77140			
PROCESSING DISTRIBUTED LOADS CARD NO. 56							
AT Y-COORD	0.000	Z-COORD	-7.200	PRESSURE	4.460		
		Z-COORD	-7.000	PRESSURE	4.072		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
37	-.7200E+01	0.8532000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.85320			
PROCESSING DISTRIBUTED LOADS CARD NO. 57							
AT Y-COORD	0.000	Z-COORD	-7.400	PRESSURE	4.818		
		Z-COORD	-7.200	PRESSURE	4.460		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
38	-.7400E+01	0.9278000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.92780			

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PROCESSING DISTRIBUTED LOADS CARD NO. 58  
 AT Y-COORD 0.000 Z-COORD -7.600 PRESSURE 5.150  
 Z-COORD -7.400 PRESSURE 4.818

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 39 -.7600E+01 0.9968000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.99680

PROCESSING DISTRIBUTED LOADS CARD NO. 59  
 AT Y-COORD 0.000 Z-COORD -7.800 PRESSURE 5.463  
 Z-COORD -7.600 PRESSURE 5.150

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 40 -.7800E+01 0.1061300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0613

PROCESSING DISTRIBUTED LOADS CARD NO. 60  
 AT Y-COORD 0.000 Z-COORD -8.000 PRESSURE 5.758  
 Z-COORD -7.800 PRESSURE 5.463

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 41 -.8000E+01 0.1122100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1221

PROCESSING DISTRIBUTED LOADS CARD NO. 61  
 AT Y-COORD 0.000 Z-COORD -8.200 PRESSURE 6.039  
 Z-COORD -8.000 PRESSURE 5.758

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 42 -.8200E+01 0.1179700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1797

PROCESSING DISTRIBUTED LOADS CARD NO. 62  
 AT Y-COORD 0.000 Z-COORD -8.400 PRESSURE 6.308  
 Z-COORD -8.200 PRESSURE 6.039

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 43 -.8400E+01 0.1234700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2347

PROCESSING DISTRIBUTED LOADS CARD NO. 63  
 AT Y-COORD 0.000 Z-COORD -8.600 PRESSURE 6.565  
 Z-COORD -8.400 PRESSURE 6.308

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 44 -.8600E+01 0.1287300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2873

PROCESSING DISTRIBUTED LOADS CARD NO. 64  
 AT Y-COORD 0.000 Z-COORD -8.800 PRESSURE 6.813  
 Z-COORD -8.600 PRESSURE 6.565

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
45	-.8800E+01	0.1337800E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3378

PROCESSING DISTRIBUTED LOADS CARD NO. 65

AT Y-COORD 0.000 Z-COORD -9.000 PRESSURE 7.052

Z-COORD -8.800 PRESSURE 6.813

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
46	-.9000E+01	0.1386500E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3865

PROCESSING DISTRIBUTED LOADS CARD NO. 66

AT Y-COORD 0.000 Z-COORD -9.200 PRESSURE 7.284

Z-COORD -9.000 PRESSURE 7.052

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
47	-.9200E+01	0.1433600E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4336

PROCESSING DISTRIBUTED LOADS CARD NO. 67

AT Y-COORD 0.000 Z-COORD -9.400 PRESSURE 7.508

Z-COORD -9.200 PRESSURE 7.284

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
48	-.9400E+01	0.1479200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4792

PROCESSING DISTRIBUTED LOADS CARD NO. 68

AT Y-COORD 0.000 Z-COORD -9.600 PRESSURE 7.725

Z-COORD -9.400 PRESSURE 7.508

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
49	-.9600E+01	0.1523300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5233

PROCESSING DISTRIBUTED LOADS CARD NO. 69

AT Y-COORD 0.000 Z-COORD -9.800 PRESSURE 7.937

Z-COORD -9.600 PRESSURE 7.725

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
50	-.9800E+01	0.1566200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5662

PROCESSING DISTRIBUTED LOADS CARD NO. 70

AT Y-COORD 0.000 Z-COORD -10.00 PRESSURE 8.143

Z-COORD -9.800 PRESSURE 7.937

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
51	-.1000E+02	0.1608000E+01 /				

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6080

PROCESSING DISTRIBUTED LOADS CARD NO. 71  
AT Y-COORD 0.000 Z-COORD -10.20 PRESSURE 8.344  
Z-COORD -10.00 PRESSURE 8.143

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
52 -.1020E+02 0.1648700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6487

PROCESSING DISTRIBUTED LOADS CARD NO. 72  
AT Y-COORD 0.000 Z-COORD -10.40 PRESSURE 8.541  
Z-COORD -10.20 PRESSURE 8.344

L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
53 -.1040E+02 0.8541204E+00 / 52 -.1020E+02 0.8343796E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6885

PROCESSING DISTRIBUTED LOADS CARD NO. 73  
AT Y-COORD 0.000 Z-COORD -10.60 PRESSURE 8.733  
Z-COORD -10.40 PRESSURE 8.541

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
54 -.1060E+02 0.1727400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7274

PROCESSING DISTRIBUTED LOADS CARD NO. 74  
AT Y-COORD 0.000 Z-COORD -10.80 PRESSURE 8.921  
Z-COORD -10.60 PRESSURE 8.733

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
55 -.1080E+02 0.1765400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7654

PROCESSING DISTRIBUTED LOADS CARD NO. 75  
AT Y-COORD 0.000 Z-COORD -11.00 PRESSURE 9.105  
Z-COORD -10.80 PRESSURE 8.921

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
56 -.1100E+02 0.1802600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8026

PROCESSING DISTRIBUTED LOADS CARD NO. 76  
AT Y-COORD 0.000 Z-COORD -11.20 PRESSURE 9.285  
Z-COORD -11.00 PRESSURE 9.105

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
57 -.1120E+02 0.1839000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8390

PROCESSING DISTRIBUTED LOADS CARD NO. 77

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AT Y-COORD 0.000 Z-COORD -11.40 PRESSURE 9.462  
 Z-COORD -11.20 PRESSURE 9.285  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 58 -.1140E+02 0.1874700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8747

PROCESSING DISTRIBUTED LOADS CARD NO. 78  
 AT Y-COORD 0.000 Z-COORD -11.60 PRESSURE 9.635  
 Z-COORD -11.40 PRESSURE 9.462  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 59 -.1160E+02 0.1909700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9097

PROCESSING DISTRIBUTED LOADS CARD NO. 79  
 AT Y-COORD 0.000 Z-COORD -11.80 PRESSURE 9.806  
 Z-COORD -11.60 PRESSURE 9.635  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 60 -.1180E+02 0.1944100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9441

PROCESSING DISTRIBUTED LOADS CARD NO. 80  
 AT Y-COORD 0.000 Z-COORD -12.00 PRESSURE 9.973  
 Z-COORD -11.80 PRESSURE 9.806  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 61 -.1200E+02 0.1977900E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9779

PROCESSING DISTRIBUTED LOADS CARD NO. 81  
 AT Y-COORD 0.000 Z-COORD -12.20 PRESSURE 10.14  
 Z-COORD -12.00 PRESSURE 9.973  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 62 -.1220E+02 0.2011300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0113

PROCESSING DISTRIBUTED LOADS CARD NO. 82  
 AT Y-COORD 0.000 Z-COORD -12.40 PRESSURE 10.30  
 Z-COORD -12.20 PRESSURE 10.14  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 63 -.1240E+02 0.2044000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0440

PROCESSING DISTRIBUTED LOADS CARD NO. 83  
 AT Y-COORD 0.000 Z-COORD -12.60 PRESSURE 10.46  
 Z-COORD -12.40 PRESSURE 10.30  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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64    -.1260E+02    0.2076000E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD    2.0760

PROCESSING DISTRIBUTED LOADS CARD NO.    84  
AT Y-COORD 0.000    Z-COORD -12.80    PRESSURE 10.62  
Z-COORD -12.60    PRESSURE 10.46  
L.CURVE    3

NO. OF GENERATED NODAL FORCES    1  
NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE /

65    -.1280E+02    0.2108000E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD    2.1080

PROCESSING DISTRIBUTED LOADS CARD NO.    85  
AT Y-COORD 0.000    Z-COORD -13.00    PRESSURE 10.77  
Z-COORD -12.80    PRESSURE 10.62  
L.CURVE    3

NO. OF GENERATED NODAL FORCES    1  
NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE /

66    -.1300E+02    0.2139000E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD    2.1390

PROCESSING DISTRIBUTED LOADS CARD NO.    86  
AT Y-COORD 0.000    Z-COORD -13.20    PRESSURE 10.93  
Z-COORD -13.00    PRESSURE 10.77  
L.CURVE    3

NO. OF GENERATED NODAL FORCES    1  
NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE /

67    -.1320E+02    0.2170000E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD    2.1700

PROCESSING DISTRIBUTED LOADS CARD NO.    87  
AT Y-COORD 0.000    Z-COORD -13.40    PRESSURE 11.08  
Z-COORD -13.20    PRESSURE 10.93  
L.CURVE    3

NO. OF GENERATED NODAL FORCES    1  
NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE /

68    -.1340E+02    0.2201000E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD    2.2010

PROCESSING DISTRIBUTED LOADS CARD NO.    88  
AT Y-COORD 0.000    Z-COORD -13.60    PRESSURE 11.22  
Z-COORD -13.40    PRESSURE 11.08  
L.CURVE    3

NO. OF GENERATED NODAL FORCES    1  
NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE /

69    -.1360E+02    0.2230000E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD    2.2300

PROCESSING DISTRIBUTED LOADS CARD NO.    89  
AT Y-COORD 0.000    Z-COORD -13.80    PRESSURE 11.37  
Z-COORD -13.60    PRESSURE 11.22  
L.CURVE    3

NO. OF GENERATED NODAL FORCES    1  
NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE / NODE    Z-LVL    FORCE /

70    -.1380E+02    0.2259000E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD    2.2590

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PROCESSING DISTRIBUTED LOADS CARD NO. 90  
 AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 11.52  
 Z-COORD -13.80 PRESSURE 11.37  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
71	-.1400E+02	0.2289000E+01	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2890

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 91  
 AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 11.52  
 Z-COORD -14.00 PRESSURE 11.52  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
71	-.1400E+02	0.2289000E+01	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2890

NO. OF DISTRIBUTED LOAD CARDS 91



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L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 170.04565  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100

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Exe Time : 8 June 2018 11:37:25
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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.37600	WALL NO.	1
ITEM NO.	11	U-KP	3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.37600	WALL NO.	1
ITEM NO.	61	D-KP	3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.42700 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.48900 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 2.8880 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 2.7030 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO.	59	D-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.37600	WALL NO.	1
ITEM NO.	61	D-KP	3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.42700	WALL NO.	1
ITEM NO.	96	D-KAEW	0.48900	WALL NO.	1
ITEM NO.	97	D-KPED	2.8880	WALL NO.	1
ITEM NO.	98	D-KPEW	2.7030	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.24100	WALL NO.	1
ITEM NO.	46	U-KAEW	0.27100	WALL NO.	1
ITEM NO.	47	U-KPED	7.2420	WALL NO.	1
ITEM NO.	48	U-KPEW	6.9970	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.24100	WALL NO.	1
ITEM NO.	96	D-KAEW	0.27100	WALL NO.	1
ITEM NO.	97	D-KPED	7.2420	WALL NO.	1
ITEM NO.	98	D-KPEW	6.9970	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.24100	WALL NO.	1
ITEM NO.	46	U-KAEW	0.27100	WALL NO.	1
ITEM NO.	47	U-KPED	7.2420	WALL NO.	1
ITEM NO.	48	U-KPEW	7.0030	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.24100	WALL NO.	1
ITEM NO.	96	D-KAEW	0.27100	WALL NO.	1
ITEM NO.	97	D-KPED	7.2420	WALL NO.	1
ITEM NO.	98	D-KPEW	7.0030	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	

GENERAL CONTRACTOR

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ALTA SORVEGLIANZA



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ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	= 0.25100	WALL NO.	1
ITEM NO.	46	U-KAEW	= 0.28200	WALL NO.	1
ITEM NO.	47	U-KPED	= 6.7150	WALL NO.	1
ITEM NO.	48	U-KPEW	= 6.4880	WALL NO.	1
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	= 0.25100	WALL NO.	1
ITEM NO.	96	D-KAEW	= 0.28200	WALL NO.	1
ITEM NO.	97	D-KPED	= 6.7150	WALL NO.	1
ITEM NO.	98	D-KPEW	= 6.4880	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 12 VALUES



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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-5.500	0.000
Z-WATER_TABLE		-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3



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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-5.500	0.000
Z-WATER_TABLE	-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6760E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	26.57	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 8.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.7600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.1200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.800000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.200000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.600000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000



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TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 6118

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.7197E-27 REMNOR= 0.000 RATIO =0.6781E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.6781E-16 RATIOR= 0.000  
MAX UN=0.1421E-13 IEQ= 129 NODE 65 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.1025E-28 REMNOR=0.5119E-53 RATIO =0.8094E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.8094E-17 RATIOR= 0.000  
MAX UN=0.9315E-15 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.4755E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.8357E-29 REMNOR=0.1126E-52 RATIO =0.7307E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.7307E-17 RATIOR= 0.000  
MAX UN=0.1027E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.3214E-15 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:37:25

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:37:25

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-1.95561E-17	1.95561E-17	6.31089E-30	3.91122E-18	
2 1.65361E-16	1.65361E-16	3.91122E-18	2.91611E-17	
3-3.13868E-16	3.13868E-16	2.91611E-17	3.36125E-17	
4-3.47015E-16	3.47015E-16	3.36125E-17	1.03016E-16	
5-3.78157E-16	3.78157E-16	1.03016E-16	1.78647E-16	
6-4.07271E-16	4.07271E-16	1.78647E-16	2.60101E-16	
7-4.34326E-16	4.34326E-16	2.60101E-16	3.46966E-16	
8-4.59277E-16	4.59277E-16	3.46966E-16	4.38822E-16	
9-5.31705E-16	5.31705E-16	4.38822E-16	5.45162E-16	
10-5.97031E-16	5.97031E-16	5.45162E-16	6.64569E-16	
11-6.54972E-16	6.54972E-16	6.64569E-16	7.95563E-16	
12-7.05183E-16	7.05183E-16	7.95563E-16	9.36600E-16	
13-7.47258E-16	7.47258E-16	9.36600E-16	1.08605E-15	
14-7.80729E-16	7.80729E-16	1.08605E-15	1.24220E-15	
15-8.05073E-16	8.05073E-16	1.24220E-15	1.40321E-15	
16-8.19711E-16	8.19711E-16	1.40321E-15	1.56715E-15	
17-8.24023E-16	8.24023E-16	1.56715E-15	1.73196E-15	
18-8.17352E-16	8.17352E-16	1.73196E-15	1.89543E-15	
19-7.99023E-16	7.99023E-16	1.89543E-15	2.05523E-15	
20-7.68354E-16	7.68354E-16	2.05523E-15	2.20890E-15	
21-7.24675E-16	7.24675E-16	2.20890E-15	2.35384E-15	
22-6.67347E-16	6.67347E-16	2.35384E-15	2.48731E-15	
23-5.95780E-16	5.95780E-16	2.48731E-15	2.60647E-15	
24-5.09459E-16	5.09459E-16	2.60647E-15	2.70836E-15	
25-4.07961E-16	4.07961E-16	2.70836E-15	2.78995E-15	
26-2.61738E-16	2.61738E-16	2.78995E-15	2.84230E-15	
27 3.45675E-15	3.45675E-15	2.84230E-15	2.15095E-15	
28 3.64209E-15	3.64209E-15	2.15095E-15	1.42253E-15	
29 3.84674E-15	3.84674E-15	1.42253E-15	6.53181E-16	
30 4.07020E-15	4.07020E-15	6.53181E-16	1.60859E-16	
31 4.31168E-15	4.31168E-15	1.60859E-16	1.02319E-15	
32 4.57011E-15	4.57011E-15	1.02319E-15	1.93721E-15	
33 4.84406E-15	4.84406E-15	1.93721E-15	2.90603E-15	
34 5.13185E-15	5.13185E-15	2.90603E-15	3.93240E-15	
35 5.43146E-15	5.43146E-15	3.93240E-15	5.01869E-15	
36 5.74059E-15	5.74059E-15	5.01869E-15	6.16680E-15	
37 6.05667E-15	6.05667E-15	6.16680E-15	7.37814E-15	
38 6.37691E-15	6.37691E-15	7.37814E-15	8.65352E-15	
39-4.07129E-16	4.07129E-16	8.65352E-15	8.57209E-15	
40-8.77508E-17	8.77508E-17	8.57209E-15	8.55454E-15	
41 2.26344E-16	2.26344E-16	8.55454E-15	8.59981E-15	
42 5.31818E-16	5.31818E-16	8.59981E-15	8.70618E-15	
43-6.28012E-15	6.28012E-15	8.70618E-15	7.45015E-15	
44-1.31074E-14	1.31074E-14	7.45015E-15	4.82869E-15	
45-1.28477E-14	1.28477E-14	4.82869E-15	2.25914E-15	
46-1.26099E-14	1.26099E-14	2.25914E-15	2.62831E-16	
47-5.29133E-15	5.29133E-15	2.62831E-16	1.32110E-15	
48 1.99957E-15	1.99957E-15	1.32110E-15	9.21184E-16	
49 2.15468E-15	2.15468E-15	9.21184E-16	4.90250E-16	
50 9.38233E-15	9.38233E-15	4.90250E-16	1.38622E-15	
51 9.46929E-15	9.46929E-15	1.38622E-15	3.28012E-15	
52 9.53487E-15	9.53487E-15	3.28012E-15	5.18700E-15	
53 2.44284E-15	2.44284E-15	5.18700E-15	5.67557E-15	
54-4.70374E-15	4.70374E-15	5.67557E-15	4.73482E-15	
55-4.80153E-15	4.80153E-15	4.73482E-15	3.77452E-15	
56-4.95776E-15	4.95776E-15	3.77452E-15	2.78296E-15	
57-5.17394E-15	5.17394E-15	2.78296E-15	1.74817E-15	
58-5.45129E-15	5.45129E-15	1.74817E-15	6.57917E-16	
59-5.79070E-15	5.79070E-15	6.57917E-16	5.00224E-16	
60-6.19283E-15	6.19283E-15	5.00224E-16	1.73879E-15	
61-6.65803E-15	6.65803E-15	1.73879E-15	3.07040E-15	
62-7.18645E-15	7.18645E-15	3.07040E-15	4.50768E-15	
63-7.77804E-15	7.77804E-15	4.50768E-15	6.06329E-15	
64-8.43261E-15	8.43261E-15	6.06329E-15	7.74982E-15	
65 5.06096E-15	5.06096E-15	7.74982E-15	6.73762E-15	
66 4.28130E-15	4.28130E-15	6.73762E-15	5.88136E-15	
67 1.05450E-14	1.05450E-14	5.88136E-15	3.77236E-15	
68 9.64144E-15	9.64144E-15	3.77236E-15	1.84408E-15	



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ALTA SORVEGLIANZA



Doc. N.

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2653

69 8.67625E-15-8.67625E-15 1.84408E-15-1.08827E-16  
70 5.44106E-16-5.44106E-16 1.08827E-16-2.52435E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM=0.1476E+05 REMNOR=0.1126E-52 RATIO =0.2841 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.2841 RATIOR= 0.000  
MAX UN= 21.84 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F  
MIN UN=-26.47 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM= 270.3 REMNOR=0.4115E-19 RATIO =0.3845E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.3845E-01 RATIOR= 0.000  
MAX UN= 9.909 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.1498 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM= 60.37 REMNOR=0.2173E-19 RATIO =0.1817E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.1817E-01 RATIOR= 0.000  
MAX UN= 5.987 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
MIN UN=-.8566 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM=0.5643 REMNOR=0.1516E-19 RATIO =0.1757E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.1757E-02 RATIOR= 0.000  
MAX UN=0.6670 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
MIN UN=-.3330E-01 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM=0.3807E-05 REMNOR=0.1616E-19 RATIO =0.4563E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.4563E-05 RATIOR= 0.000  
MAX UN=0.1053E-08 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
MIN UN=-.1951E-02 IEQ= 71 NODE 36 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:37:25

New Project  
SOLUTION REACHED USING 5 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	5.7150554E-03	-1.0324250E-03
2	5.5085704E-03	-1.0324250E-03
3	5.3020854E-03	-1.0324250E-03
4	5.0956004E-03	-1.0324250E-03
5	4.8891154E-03	-1.0324250E-03
6	4.6826305E-03	-1.0324231E-03
7	4.4761473E-03	-1.0324051E-03
8	4.2696719E-03	-1.0323360E-03
9	4.0632201E-03	-1.0321589E-03
10	3.8568178E-03	-1.0318404E-03
11	3.6504933E-03	-1.0313805E-03
12	3.4442752E-03	-1.0307765E-03
13	3.2381932E-03	-1.0300156E-03
14	3.0322813E-03	-1.0290697E-03
15	2.8265805E-03	-1.0278968E-03
16	2.6211414E-03	-1.0264418E-03
17	2.4160262E-03	-1.0246349E-03
18	2.2113154E-03	-1.0223932E-03
19	2.0071043E-03	-1.0196206E-03
20	1.8035099E-03	-1.0162070E-03
21	1.6006735E-03	-1.0120286E-03
22	1.3987628E-03	-1.0068991E-03
23	1.1979982E-03	-1.0005043E-03
24	9.9867603E-04	-9.9238577E-04
25	8.0119902E-04	-9.8194008E-04
26	6.0610522E-04	-9.6841615E-04
27	4.1409602E-04	-9.5095478E-04
28	2.2605204E-04	-9.2857686E-04
29	4.3069609E-05	-9.0013391E-04
30	-1.3356431E-04	-8.6513269E-04
31	-3.0257117E-04	-8.2394695E-04
32	-4.6277170E-04	-7.7720233E-04
33	-6.1313365E-04	-7.2569311E-04
34	-7.5279060E-04	-6.7030870E-04
35	-8.8106487E-04	-6.1204034E-04
36	-9.9748803E-04	-5.5199135E-04
37	-1.1018166E-03	-4.9127853E-04
38	-1.1940194E-03	-4.3087359E-04
39	-1.2742394E-03	-3.7156818E-04
40	-1.3427626E-03	-3.1400088E-04
41	-1.3999895E-03	-2.5868060E-04
42	-1.4464112E-03	-2.0600614E-04
43	-1.4825887E-03	-1.5628289E-04
44	-1.5091362E-03	-1.0973733E-04
45	-1.5267061E-03	-6.6529977E-05
46	-1.5359776E-03	-2.6765651E-05
47	-1.5376460E-03	9.4952753E-06
48	-1.5324147E-03	4.2229010E-05
49	-1.5209892E-03	7.1440337E-05
50	-1.5040717E-03	9.7155612E-05
51	-1.4823573E-03	1.1941718E-04
52	-1.4565309E-03	1.3827769E-04
53	-1.4272606E-03	1.5393550E-04
54	-1.3951488E-03	1.6673347E-04
55	-1.3607357E-03	1.7700364E-04
56	-1.3244944E-03	1.8506764E-04
57	-1.2868352E-03	1.9123286E-04
58	-1.2481085E-03	1.9579005E-04
59	-1.2086083E-03	1.9901128E-04
60	-1.1685762E-03	2.0114827E-04
61	-1.1282059E-03	2.0243101E-04
62	-1.0876470E-03	2.0306660E-04
63	-1.0470102E-03	2.0323836E-04
64	-1.0063720E-03	2.0310500E-04
65	-9.6577963E-04	2.0280004E-04
66	-9.2525623E-04	2.0243119E-04
67	-8.8480598E-04	2.0207992E-04
68	-8.4441944E-04	2.0180102E-04
69	-8.0407896E-04	2.0162132E-04
70	-7.6376448E-04	2.0153808E-04
71	-7.2345748E-04	2.0151835E-04



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33 D	27.74	6.1313E-04	143.3 121.3 143.3	123.5	UL-RL 5.1419E+04 -6.400 17.37 1.000 1.000
138.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	29.20	7.5279E-04	145.9 126.8 145.9	127.7	UL-RL 5.1419E+04 -6.600 19.20 1.000 1.000
146.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	30.51	8.8106E-04	149.4 131.5 149.4	131.9	UL-RL 5.1419E+04 -6.800 21.03 1.000 1.000
152.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	31.75	9.9749E-04	152.4 135.9 152.4	135.9	UL-RL 5.1419E+04 -7.000 22.86 1.000 1.000
158.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	32.91	1.1018E-03	155.5 139.9 155.5	139.9	V-C 2.0513E+04 -7.200 24.69 1.000 1.000
164.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	34.01	1.1940E-03	158.4 143.5 158.4	143.5	V-C 2.0513E+04 -7.400 26.51 1.000 1.000
170.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	35.06	1.2742E-03	161.8 146.9 161.8	146.9	V-C 2.0513E+04 -7.600 28.34 1.000 1.000
175.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	36.06	1.3428E-03	164.7 150.1 164.7	150.1	V-C 2.0513E+04 -7.800 30.17 1.000 1.000
180.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	37.02	1.4000E-03	167.7 153.1 167.7	153.1	V-C 2.0513E+04 -8.000 32.00 1.000 1.000
185.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	37.93	1.4464E-03	170.6 155.8 170.6	155.8	V-C 2.0513E+04 -8.200 33.83 1.000 1.000
189.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	38.79	1.4826E-03	173.9 158.3 173.9	158.3	V-C 2.0513E+04 -8.400 35.66 1.000 1.000
194.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	39.62	1.5091E-03	176.4 160.6 176.4	160.6	V-C 2.0513E+04 -8.600 37.49 1.000 1.000
198.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	40.41	1.5267E-03	179.6 162.8 179.6	162.8	V-C 2.0513E+04 -8.800 39.31 1.000 1.000
202.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	41.17	1.5360E-03	182.5 164.7 182.5	164.7	V-C 2.0513E+04 -9.000 41.14 1.000 1.000
205.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	41.90	1.5376E-03	185.6 166.5 185.6	166.5	V-C 2.0513E+04 -9.200 42.97 1.000 1.000
209.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	42.59	1.5324E-03	188.2 168.2 188.2	168.2	V-C 2.0513E+04 -9.400 44.80 1.000 1.000
213.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	43.27	1.5210E-03	191.3 169.7 191.3	169.7	V-C 2.0513E+04 -9.600 46.63 1.000 1.000
216.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	43.92	1.5041E-03	194.1 171.1 194.1	171.1	V-C 2.0513E+04 -9.800 48.46 1.000 1.000
219.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	44.55	1.4824E-03	196.9 172.4 196.9	172.4	V-C 2.0513E+04 -10.00 50.29 1.000 1.000
222.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	46.98	1.4565E-03	199.7 182.8 199.7	182.8	V-C 2.6763E+04 -10.20 52.11 1.000 1.000
234.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	47.54	1.4273E-03	202.8 183.8 202.8	183.8	V-C 2.6763E+04 -10.40 53.94 1.000 1.000
237.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	48.09	1.3951E-03	205.3 184.7 205.3	184.7	V-C 2.6763E+04 -10.60 55.77 1.000 1.000
240.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	48.62	1.3607E-03	208.4 185.5 208.4	185.5	V-C 2.6763E+04 -10.80 57.60 1.000 1.000
243.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	49.15	1.3245E-03	211.1 186.3 211.1	186.3	V-C 2.6763E+04 -11.00 59.43 1.000 1.000
245.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	49.67	1.2868E-03	214.1 187.1 214.1	187.1	V-C 2.6763E+04 -11.20 61.26 1.000 1.000
248.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	50.18	1.2481E-03	216.6 187.8 216.6	187.8	V-C 2.6763E+04 -11.40 63.09 1.000 1.000
250.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	50.69	1.2086E-03	219.6 188.5 219.6	188.5	V-C 2.6763E+04 -11.60 64.91 1.000 1.000
253.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	51.20	1.1686E-03	222.4 189.2 222.4	189.2	V-C 2.6763E+04 -11.80 66.74 1.000 1.000
256.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	51.70	1.1282E-03	225.1 189.9 225.1	189.9	V-C 2.6763E+04 -12.00 68.57 1.000 1.000
258.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	52.20	1.0876E-03	227.8 190.6 227.8	190.6	V-C 2.6763E+04 -12.20 70.40 1.000 1.000
261.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	52.71	1.0470E-03	230.8 191.3 230.8	191.3	V-C 2.6763E+04 -12.40 72.23 1.000 1.000
263.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	53.21	1.0064E-03	233.3 192.0 233.3	192.0	V-C 2.6763E+04 -12.60 74.06 1.000 1.000
266.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	53.72	9.6578E-04	236.2 192.7 236.2	192.7	V-C 2.6763E+04 -12.80 75.89 1.000 1.000
268.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	54.22	9.2526E-04	238.9 193.4 238.9	193.4	V-C 2.6763E+04 -13.00 77.71 1.000 1.000
271.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	54.73	8.8481E-04	241.9 194.1 241.9	194.1	V-C 2.6763E+04 -13.20 79.54 1.000 1.000
273.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	55.21	8.4442E-04	244.3 194.7 244.3	194.9	UL-RL 6.6907E+04 -13.40 81.37 1.000 1.000
276.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	55.67	8.0408E-04	247.3 195.2 247.3	195.7	UL-RL 6.6907E+04 -13.60 83.20 1.000 1.000
278.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	56.14	7.6376E-04	249.9 195.7 249.9	196.6	UL-RL 6.6907E+04 -13.80 85.03 1.000 1.000
280.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	28.31	7.2346E-04	252.7 196.2 252.7	197.4	UL-RL 6.6907E+04 -14.00 86.86 1.000 1.000
283.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		



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33 D	42.58	-6.1313E-04	15.24	208.6	75.08	224.3	UL-RL	2.5564E+04	-6.400	4.343	1.000	1.000
212.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	45.72	-7.5279E-04	17.51	222.1	77.52	241.3	UL-RL	2.5564E+04	-6.600	6.514	1.000	1.000
228.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	48.91	-8.8106E-04	19.77	235.8	79.96	258.4	UL-RL	2.5564E+04	-6.800	8.686	1.000	1.000
244.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	48.69	-9.9749E-04	22.04	232.6	82.40	258.1	UL-RL	2.5564E+04	-7.000	10.86	1.000	1.000
243.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	46.74	-1.1018E-03	24.31	220.6	84.84	248.8	UL-RL	2.5564E+04	-7.200	13.03	1.000	1.000
233.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	45.22	-1.1940E-03	26.58	210.9	87.28	241.4	UL-RL	2.5564E+04	-7.400	15.20	1.000	1.000
226.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	44.05	-1.2742E-03	28.85	202.9	89.72	235.5	UL-RL	2.5564E+04	-7.600	17.37	1.000	1.000
220.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	43.17	-1.3428E-03	31.12	196.3	92.16	230.6	UL-RL	2.5564E+04	-7.800	19.54	1.000	1.000
215.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	42.52	-1.4000E-03	33.39	190.9	94.60	226.7	UL-RL	2.5564E+04	-8.000	21.71	1.000	1.000
212.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	42.08	-1.4464E-03	35.65	186.5	97.04	223.5	UL-RL	2.5564E+04	-8.200	23.89	1.000	1.000
210.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	41.81	-1.4826E-03	37.92	183.0	99.48	220.9	UL-RL	2.5564E+04	-8.400	26.06	1.000	1.000
209.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	41.68	-1.5091E-03	40.19	180.2	101.9	218.8	UL-RL	2.5564E+04	-8.600	28.23	1.000	1.000
208.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	41.69	-1.5267E-03	42.46	178.0	104.4	217.1	UL-RL	2.5564E+04	-8.800	30.40	1.000	1.000
208.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	41.80	-1.5360E-03	44.73	176.4	106.8	215.7	UL-RL	2.5564E+04	-9.000	32.57	1.000	1.000
209.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	42.02	-1.5376E-03	47.00	175.3	109.2	214.7	UL-RL	2.5564E+04	-9.200	34.74	1.000	1.000
210.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	42.32	-1.5324E-03	49.27	174.7	111.7	213.9	UL-RL	2.5564E+04	-9.400	36.91	1.000	1.000
211.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	42.70	-1.5210E-03	51.53	174.4	114.1	213.3	UL-RL	2.5564E+04	-9.600	39.09	1.000	1.000
213.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	43.15	-1.5041E-03	53.80	174.5	116.6	212.9	UL-RL	2.5564E+04	-9.800	41.26	1.000	1.000
215.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	43.66	-1.4824E-03	56.07	174.8	119.0	212.7	UL-RL	2.5564E+04	-10.00	43.43	1.000	1.000
218.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	41.54	-1.4565E-03	58.34	162.1	121.4	212.7	UL-RL	3.4740E+04	-10.20	45.60	1.000	1.000
207.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	42.20	-1.4273E-03	60.61	163.2	123.9	212.8	UL-RL	3.4740E+04	-10.40	47.77	1.000	1.000
211.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	42.90	-1.3951E-03	62.88	164.6	126.3	213.0	UL-RL	3.4740E+04	-10.60	49.94	1.000	1.000
214.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	43.64	-1.3607E-03	65.15	166.1	128.8	213.3	UL-RL	3.4740E+04	-10.80	52.11	1.000	1.000
218.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	44.41	-1.3245E-03	67.41	167.8	131.2	213.8	UL-RL	3.4740E+04	-11.00	54.29	1.000	1.000
222.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	45.21	-1.2868E-03	69.68	169.6	133.6	214.3	UL-RL	3.4740E+04	-11.20	56.46	1.000	1.000
226.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	46.03	-1.2481E-03	71.95	171.5	136.1	214.9	UL-RL	3.4740E+04	-11.40	58.63	1.000	1.000
230.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	46.87	-1.2086E-03	74.22	173.6	138.5	215.6	UL-RL	3.4740E+04	-11.60	60.80	1.000	1.000
234.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	47.73	-1.1686E-03	76.49	175.7	141.0	216.3	UL-RL	3.4740E+04	-11.80	62.97	1.000	1.000
238.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	48.61	-1.1282E-03	78.76	177.9	143.4	217.1	UL-RL	3.4740E+04	-12.00	65.14	1.000	1.000
243.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	49.50	-1.0876E-03	81.03	180.2	145.8	218.0	UL-RL	3.4740E+04	-12.20	67.31	1.000	1.000
247.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	50.39	-1.0470E-03	83.29	182.5	148.3	218.9	UL-RL	3.4740E+04	-12.40	69.49	1.000	1.000
252.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	51.30	-1.0064E-03	85.56	184.9	150.7	219.8	UL-RL	3.4740E+04	-12.60	71.66	1.000	1.000
256.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	52.22	-9.6578E-04	87.83	187.3	153.2	220.8	UL-RL	3.4740E+04	-12.80	73.83	1.000	1.000
261.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	53.14	-9.2526E-04	90.10	189.7	155.6	221.9	UL-RL	3.4740E+04	-13.00	76.00	1.000	1.000
265.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	54.07	-8.8481E-04	92.37	192.2	158.0	222.9	UL-RL	3.4740E+04	-13.20	78.17	1.000	1.000
270.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	55.01	-8.4442E-04	94.64	194.7	160.5	224.0	UL-RL	3.4740E+04	-13.40	80.34	1.000	1.000
275.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	55.96	-8.0408E-04	96.91	197.3	162.9	225.2	UL-RL	3.4740E+04	-13.60	82.51	1.000	1.000
279.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	56.91	-7.6376E-04	99.17	199.8	165.4	226.4	UL-RL	3.4740E+04	-13.80	84.69	1.000	1.000
284.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	28.93	-7.2346E-04	101.4	202.5	167.8	227.6	UL-RL	3.4740E+04	-14.00	86.86	1.000	1.000
289.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:37:25

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	4.23142E-10	-4.23142E-10	4.04299E-11	-1.17410E-10
2	1.13687E-10	-1.13687E-10	1.70985E-10	-2.12822E-10
3	5.77525E-11	-5.77525E-11	2.31623E-10	-1.51573E-10
4	6.43463E-11	-6.43463E-11	1.67489E-10	-1.36140E-10
5	6.11933E-02	-6.11933E-02	7.61275E-11	1.22387E-02
6	0.44419	-0.44419	-1.22387E-02	0.10108
7	1.1777	-1.1777	-0.10108	0.33662
8	2.2371	-2.2371	-0.33662	0.78403
9	2.2371	-2.2371	-0.78403	1.2314
10	2.2371	-2.2371	-1.2314	1.6788
11	2.3214	-2.3214	-1.6788	2.1431
12	2.6432	-2.6432	-2.1431	2.6718
13	3.2134	-3.2134	-2.6718	3.3144
14	3.9659	-3.9659	-3.3144	4.1076
15	4.9602	-4.9602	-4.1076	5.0997
16	6.1733	-6.1733	-5.0997	6.3343
17	7.5854	-7.5854	-6.3343	7.8514
18	9.2121	-9.2121	-7.8514	9.6938
19	11.068	-11.068	-9.6938	11.907
20	13.133	-13.133	-11.907	14.534
21	16.959	-16.959	-14.534	17.926
22	23.075	-23.075	-17.926	22.541
23	31.464	-31.464	-22.541	28.834
24	42.169	-42.169	-28.834	37.267
25	55.228	-55.228	-37.267	48.313
26	69.358	-69.358	-48.313	62.184
27	86.201	-86.201	-62.184	79.425
28	105.70	-105.70	-79.425	100.56
29	101.81	-101.81	-100.56	120.93
30	93.873	-93.873	-120.93	139.70
31	82.019	-82.019	-139.70	156.10
32	68.728	-68.728	-156.10	169.85
33	53.884	-53.884	-169.85	180.63
34	37.366	-37.366	-180.63	188.10
35	18.974	-18.974	-188.10	191.89
36	2.0388	-2.0388	-191.89	192.30
37	-11.790	11.790	-192.30	189.94
38	-23.000	23.000	-189.94	185.34
39	-31.994	31.994	-185.34	178.95
40	-39.103	39.103	-178.95	171.13
41	-44.612	44.612	-171.13	162.20
42	-48.766	48.766	-162.20	152.45
43	-51.778	51.778	-152.45	142.09
44	-53.837	53.837	-142.09	131.33
45	-55.109	55.109	-131.33	120.30
46	-55.740	55.740	-120.30	109.16
47	-55.862	55.862	-109.16	97.985
48	-55.589	55.589	-97.985	86.867
49	-55.024	55.024	-86.867	75.862
50	-54.257	54.257	-75.862	65.011
51	-53.367	53.367	-65.011	54.337
52	-47.929	47.929	-54.337	44.752
53	-42.585	42.585	-44.752	36.235
54	-37.395	37.395	-36.235	28.756
55	-32.409	32.409	-28.756	22.274
56	-27.669	27.669	-22.274	16.740
57	-23.210	23.210	-16.740	12.098
58	-19.060	19.060	-12.098	8.2860
59	-15.245	15.245	-8.2860	5.2370
60	-11.784	11.784	-5.2370	2.8803
61	-8.6921	8.6921	-2.8803	1.1418
62	-5.9839	5.9839	-1.1418	-5.49409E-02
63	-3.6700	3.6700	5.49409E-02	-0.78894
64	-1.7599	1.7599	0.78894	-1.1409
65	-0.26152	0.26152	1.1409	-1.1932
66	0.81790	-0.81790	1.1932	-1.0296
67	1.4719	-1.4719	1.0296	-0.73524
68	1.6665	-1.6665	0.73524	-0.40195

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69 1.3857 -1.3857 0.40195 -0.12481  
 70 0.62400 -0.62400 0.12481 -2.25597E-13

ITER 0 RNORM = 588.2 RMNORM= 0.000  
 RINORM=0.3875E+06 RIMNOR=0.1072E+07  
 RENORM= 589.6 REMNOR=0.1616E-19 RATIO =0.3901E-01 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 105.7 RMMAX = 192.3  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.3875E+06 RDR =0.1072E+07  
 RATIO=0.3901E-01 RATIO= 0.000  
 MAX UN= 5.942 IEQ= 141 NODE 71 DOF 1 Y-DISPL.F  
 MIN UN=-.5357E-10 IEQ= 4 NODE 2 DOF 2 X-ROT.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 588.2 RMNORM= 0.000  
 RINORM=0.3875E+06 RIMNOR=0.1072E+07  
 RENORM= 5.328 REMNOR=0.2851E-19 RATIO =0.3708E-02 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 105.7 RMMAX = 192.3  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.3875E+06 RDR =0.1072E+07  
 RATIO=0.3708E-02 RATIO= 0.000  
 MAX UN= 2.251 IEQ= 41 NODE 21 DOF 1 Y-DISPL.F  
 MIN UN=-.1415E-08 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 588.2 RMNORM= 0.000  
 RINORM=0.3875E+06 RIMNOR=0.1072E+07  
 RENORM=0.3530E-01 REMNOR=0.1933E-19 RATIO =0.3018E-03 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 105.7 RMMAX = 192.3  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.3875E+06 RDR =0.1072E+07  
 RATIO=0.3018E-03 RATIO= 0.000  
 MAX UN=0.1879 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
 MIN UN=-.1178E-08 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 588.2 RMNORM= 0.000  
 RINORM=0.3875E+06 RIMNOR=0.1072E+07  
 RENORM=0.5722E-17 REMNOR=0.2480E-19 RATIO =0.3843E-11 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 105.7 RMMAX = 192.3  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.3875E+06 RDR =0.1072E+07  
 RATIO=0.3843E-11 RATIO= 0.000  
 MAX UN=0.1187E-08 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
 MIN UN=-.6838E-09 IEQ= 7 NODE 4 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:37:25

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	7.2008914E-03	-1.2919549E-03
2	6.9425012E-03	-1.2919434E-03
3	6.6841172E-03	-1.2918858E-03
4	6.4257531E-03	-1.2917359E-03
5	6.1674320E-03	-1.2914478E-03
6	5.9091864E-03	-1.2909732E-03
7	5.6510592E-03	-1.2902522E-03
8	5.3931074E-03	-1.2892033E-03
9	5.1354065E-03	-1.2877238E-03
10	4.8780519E-03	-1.2857340E-03
11	4.6211500E-03	-1.2831878E-03
12	4.3648171E-03	-1.2800365E-03
13	4.1091797E-03	-1.2762212E-03
14	3.8543778E-03	-1.2716675E-03
15	3.6005678E-03	-1.2662875E-03
16	3.3479247E-03	-1.2599800E-03
17	3.0966441E-03	-1.2526289E-03
18	2.8469500E-03	-1.2441054E-03
19	2.5990896E-03	-1.2342671E-03
20	2.3533412E-03	-1.2229581E-03
21	2.1100170E-03	-1.2100082E-03
22	1.8694608E-03	-1.1952345E-03
23	1.6320578E-03	-1.1784416E-03
24	1.3982372E-03	-1.1593528E-03
25	1.1684991E-03	-1.1375285E-03
26	9.4344947E-04	-1.1123489E-03
27	7.2383330E-04	-1.0830788E-03
28	5.1054898E-04	-1.0488600E-03
29	3.0468890E-04	-1.0086471E-03
30	1.0751679E-04	-9.6203439E-04
31	-7.9728643E-05	-9.0947854E-04
32	-2.5592587E-04	-8.5170447E-04
33	-4.2012218E-04	-7.8962003E-04
34	-5.7155247E-04	-7.2421445E-04
35	-7.0965735E-04	-6.5654978E-04
36	-8.3409859E-04	-5.8777819E-04
37	-9.4477077E-04	-5.1904680E-04
38	-1.0417851E-03	-4.5134145E-04
39	-1.1254286E-03	-3.8545423E-04
40	-1.1961299E-03	-3.2201223E-04
41	-1.2544290E-03	-2.6150277E-04
42	-1.3009510E-03	-2.0429443E-04
43	-1.3363847E-03	-1.5065504E-04
44	-1.3614632E-03	-1.0076740E-04
45	-1.3769491E-03	-5.4743133E-05
46	-1.3836213E-03	-1.2633883E-05
47	-1.3822639E-03	2.5556706E-05
48	-1.3736575E-03	5.9864512E-05
49	-1.3585725E-03	9.0356396E-05
50	-1.3377634E-03	1.1712274E-04
51	-1.3119647E-03	1.4027148E-04
52	-1.2818873E-03	1.5992211E-04
53	-1.2482123E-03	1.7633983E-04
54	-1.2115448E-03	1.8988091E-04
55	-1.1724305E-03	2.0086337E-04
56	-1.1313478E-03	2.0961991E-04
57	-1.0887098E-03	2.1646750E-04
58	-1.0448682E-03	2.2170466E-04
59	-1.0001168E-03	2.2560922E-04
60	-9.5469632E-04	2.2843638E-04
61	-9.0879869E-04	2.3041708E-04
62	-8.6257224E-04	2.3175657E-04
63	-8.1612691E-04	2.3263328E-04
64	-7.6953974E-04	2.3319777E-04
65	-7.2286050E-04	2.3357189E-04
66	-6.7611752E-04	2.3384800E-04
67	-6.2932369E-04	2.3408823E-04
68	-5.8248254E-04	2.3432380E-04
69	-5.3559455E-04	2.3455358E-04
70	-4.8866384E-04	2.3474236E-04
71	-4.4170268E-04	2.3481992E-04



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33 D	25.76	4.2012E-04	143.3 111.4 143.3	123.5	UL-RL 5.1419E+04 -6.400 17.37 1.000 1.000
128.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	27.33	5.7155E-04	145.9 117.5 145.9	127.7	UL-RL 5.1419E+04 -6.600 19.20 1.000 1.000
136.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	28.75	7.0966E-04	149.4 122.7 149.4	131.9	UL-RL 5.1419E+04 -6.800 21.03 1.000 1.000
143.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	30.07	8.3410E-04	152.4 127.5 152.4	135.9	UL-RL 5.1419E+04 -7.000 22.86 1.000 1.000
150.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	31.29	9.4477E-04	155.5 131.8 155.5	139.9	UL-RL 5.1419E+04 -7.200 24.69 1.000 1.000
156.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	32.44	1.0418E-03	158.4 135.7 158.4	143.5	UL-RL 5.1419E+04 -7.400 26.51 1.000 1.000
162.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	33.53	1.1254E-03	161.8 139.3 161.8	146.9	UL-RL 5.1419E+04 -7.600 28.34 1.000 1.000
167.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	34.55	1.1961E-03	164.7 142.6 164.7	150.1	UL-RL 5.1419E+04 -7.800 30.17 1.000 1.000
172.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	35.52	1.2544E-03	167.7 145.6 167.7	153.1	UL-RL 5.1419E+04 -8.000 32.00 1.000 1.000
177.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	36.43	1.3010E-03	170.6 148.3 170.6	155.8	UL-RL 5.1419E+04 -8.200 33.83 1.000 1.000
182.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	37.29	1.3364E-03	173.9 150.8 173.9	158.3	UL-RL 5.1419E+04 -8.400 35.66 1.000 1.000
186.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	38.10	1.3615E-03	176.4 153.0 176.4	160.6	UL-RL 5.1419E+04 -8.600 37.49 1.000 1.000
190.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	38.87	1.3769E-03	179.6 155.1 179.6	162.8	UL-RL 5.1419E+04 -8.800 39.31 1.000 1.000
194.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	39.60	1.3836E-03	182.5 156.9 182.5	164.7	UL-RL 5.1419E+04 -9.000 41.14 1.000 1.000
198.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	40.30	1.3823E-03	185.6 158.5 185.6	166.5	UL-RL 5.1419E+04 -9.200 42.97 1.000 1.000
201.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	40.96	1.3737E-03	188.2 160.0 188.2	168.2	UL-RL 5.1419E+04 -9.400 44.80 1.000 1.000
204.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	41.60	1.3586E-03	191.3 161.4 191.3	169.7	UL-RL 5.1419E+04 -9.600 46.63 1.000 1.000
208.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	42.21	1.3378E-03	194.1 162.6 194.1	171.1	UL-RL 5.1419E+04 -9.800 48.46 1.000 1.000
211.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	42.79	1.3120E-03	196.9 163.7 196.9	172.4	UL-RL 5.1419E+04 -10.00 50.29 1.000 1.000
214.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	44.64	1.2819E-03	199.7 171.1 199.7	182.8	UL-RL 6.6907E+04 -10.20 52.11 1.000 1.000
223.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	45.15	1.2482E-03	202.8 171.8 202.8	183.8	UL-RL 6.6907E+04 -10.40 53.94 1.000 1.000
225.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	45.63	1.2115E-03	205.3 172.4 205.3	184.7	UL-RL 6.6907E+04 -10.60 55.77 1.000 1.000
228.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	46.10	1.1724E-03	208.4 172.9 208.4	185.5	UL-RL 6.6907E+04 -10.80 57.60 1.000 1.000
230.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	46.57	1.1313E-03	211.1 173.4 211.1	186.3	UL-RL 6.6907E+04 -11.00 59.43 1.000 1.000
232.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	47.02	1.0887E-03	214.1 173.8 214.1	187.1	UL-RL 6.6907E+04 -11.20 61.26 1.000 1.000
235.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	47.46	1.0449E-03	216.6 174.2 216.6	187.8	UL-RL 6.6907E+04 -11.40 63.09 1.000 1.000
237.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	47.90	1.0001E-03	219.6 174.6 219.6	188.5	UL-RL 6.6907E+04 -11.60 64.91 1.000 1.000
239.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	48.33	9.5470E-04	222.4 174.9 222.4	189.2	UL-RL 6.6907E+04 -11.80 66.74 1.000 1.000
241.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	48.76	9.0880E-04	225.1 175.3 225.1	189.9	UL-RL 6.6907E+04 -12.00 68.57 1.000 1.000
243.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	49.19	8.6257E-04	227.8 175.6 227.8	190.6	UL-RL 6.6907E+04 -12.20 70.40 1.000 1.000
246.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	49.62	8.1613E-04	230.8 175.9 230.8	191.3	UL-RL 6.6907E+04 -12.40 72.23 1.000 1.000
248.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.04	7.6954E-04	233.3 176.2 233.3	192.0	UL-RL 6.6907E+04 -12.60 74.06 1.000 1.000
250.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	50.47	7.2286E-04	236.2 176.4 236.2	192.7	UL-RL 6.6907E+04 -12.80 75.89 1.000 1.000
252.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	50.89	6.7612E-04	238.9 176.7 238.9	193.4	UL-RL 6.6907E+04 -13.00 77.71 1.000 1.000
254.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	51.31	6.2932E-04	241.9 177.0 241.9	194.1	UL-RL 6.6907E+04 -13.20 79.54 1.000 1.000
256.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	51.70	5.8248E-04	244.3 177.1 244.3	194.9	UL-RL 6.6907E+04 -13.40 81.37 1.000 1.000
258.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	52.08	5.3559E-04	247.3 177.2 247.3	195.7	UL-RL 6.6907E+04 -13.60 83.20 1.000 1.000
260.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	52.46	4.8866E-04	249.9 177.3 249.9	196.6	UL-RL 6.6907E+04 -13.80 85.03 1.000 1.000
262.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	26.42	4.4170E-04	252.7 177.4 252.7	197.4	UL-RL 6.6907E+04 -14.00 86.86 1.000 1.000
264.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		



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33 D	43.57	-4.2012E-04	15.24	213.5	75.08	224.3	UL-RL	2.5564E+04	-6.400	4.343	1.000	1.000	
217.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
34 D	46.64	-5.7155E-04	17.51	226.7	77.52	241.3	UL-RL	2.5564E+04	-6.600	6.514	1.000	1.000	
233.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
35 D	49.78	-7.0966E-04	19.77	240.2	79.96	258.4	UL-RL	2.5564E+04	-6.800	8.686	1.000	1.000	
248.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
36 D	49.53	-8.3410E-04	22.04	236.8	82.40	258.1	UL-RL	2.5564E+04	-7.000	10.86	1.000	1.000	
247.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
37 D	47.54	-9.4477E-04	24.31	224.7	84.84	248.8	UL-RL	2.5564E+04	-7.200	13.03	1.000	1.000	
237.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
38 D	46.00	-1.0418E-03	26.58	214.8	87.28	241.4	UL-RL	2.5564E+04	-7.400	15.20	1.000	1.000	
230.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
39 D	44.81	-1.1254E-03	28.85	206.7	89.72	235.5	UL-RL	2.5564E+04	-7.600	17.37	1.000	1.000	
224.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
40 D	43.92	-1.1961E-03	31.12	200.1	92.16	230.6	UL-RL	2.5564E+04	-7.800	19.54	1.000	1.000	
219.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
41 D	43.27	-1.2544E-03	33.39	194.6	94.60	226.7	UL-RL	2.5564E+04	-8.000	21.71	1.000	1.000	
216.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
42 D	42.82	-1.3010E-03	35.65	190.2	97.04	223.5	UL-RL	2.5564E+04	-8.200	23.89	1.000	1.000	
214.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
43 D	42.55	-1.3364E-03	37.92	186.7	99.48	220.9	UL-RL	2.5564E+04	-8.400	26.06	1.000	1.000	
212.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
44 D	42.44	-1.3615E-03	40.19	184.0	101.9	218.8	UL-RL	2.5564E+04	-8.600	28.23	1.000	1.000	
212.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
45 D	42.45	-1.3769E-03	42.46	181.9	104.4	217.1	UL-RL	2.5564E+04	-8.800	30.40	1.000	1.000	
212.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
46 D	42.58	-1.3836E-03	44.73	180.3	106.8	215.7	UL-RL	2.5564E+04	-9.000	32.57	1.000	1.000	
212.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
47 D	42.81	-1.3823E-03	47.00	179.3	109.2	214.7	UL-RL	2.5564E+04	-9.200	34.74	1.000	1.000	
214.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
48 D	43.13	-1.3737E-03	49.27	178.8	111.7	213.9	UL-RL	2.5564E+04	-9.400	36.91	1.000	1.000	
215.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
49 D	43.53	-1.3586E-03	51.53	178.6	114.1	213.3	UL-RL	2.5564E+04	-9.600	39.09	1.000	1.000	
217.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
50 D	44.00	-1.3378E-03	53.80	178.7	116.6	212.9	UL-RL	2.5564E+04	-9.800	41.26	1.000	1.000	
220.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
51 D	44.53	-1.3120E-03	56.07	179.2	119.0	212.7	UL-RL	2.5564E+04	-10.00	43.43	1.000	1.000	
222.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
52 D	42.75	-1.2819E-03	58.34	168.2	121.4	212.7	UL-RL	3.4740E+04	-10.20	45.60	1.000	1.000	
213.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
53 D	43.44	-1.2482E-03	60.61	169.4	123.9	212.8	UL-RL	3.4740E+04	-10.40	47.77	1.000	1.000	
217.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
54 D	44.17	-1.2115E-03	62.88	170.9	126.3	213.0	UL-RL	3.4740E+04	-10.60	49.94	1.000	1.000	
220.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
55 D	44.95	-1.1724E-03	65.15	172.6	128.8	213.3	UL-RL	3.4740E+04	-10.80	52.11	1.000	1.000	
224.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
56 D	45.75	-1.1313E-03	67.41	174.5	131.2	213.8	UL-RL	3.4740E+04	-11.00	54.29	1.000	1.000	
228.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
57 D	46.59	-1.0887E-03	69.68	176.5	133.6	214.3	UL-RL	3.4740E+04	-11.20	56.46	1.000	1.000	
232.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
58 D	47.44	-1.0449E-03	71.95	178.6	136.1	214.9	UL-RL	3.4740E+04	-11.40	58.63	1.000	1.000	
237.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
59 D	48.32	-1.0001E-03	74.22	180.8	138.5	215.6	UL-RL	3.4740E+04	-11.60	60.80	1.000	1.000	
241.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
60 D	49.22	-9.5470E-04	76.49	183.1	141.0	216.3	UL-RL	3.4740E+04	-11.80	62.97	1.000	1.000	
246.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
61 D	50.13	-9.0880E-04	78.76	185.5	143.4	217.1	UL-RL	3.4740E+04	-12.00	65.14	1.000	1.000	
250.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
62 D	51.06	-8.6257E-04	81.03	188.0	145.8	218.0	UL-RL	3.4740E+04	-12.20	67.31	1.000	1.000	
255.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
63 D	52.00	-8.1613E-04	83.29	190.5	148.3	218.9	UL-RL	3.4740E+04	-12.40	69.49	1.000	1.000	
260.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
64 D	52.95	-7.6954E-04	85.56	193.1	150.7	219.8	UL-RL	3.4740E+04	-12.60	71.66	1.000	1.000	
264.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
65 D	53.91	-7.2286E-04	87.83	195.7	153.2	220.8	UL-RL	3.4740E+04	-12.80	73.83	1.000	1.000	
269.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
66 D	54.87	-6.7612E-04	90.10	198.4	155.6	221.9	UL-RL	3.4740E+04	-13.00	76.00	1.000	1.000	
274.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
67 D	55.85	-6.2932E-04	92.37	201.1	158.0	222.9	UL-RL	3.4740E+04	-13.20	78.17	1.000	1.000	
279.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
68 D	56.83	-5.8248E-04	94.64	203.8	160.5	224.0	UL-RL	3.4740E+04	-13.40	80.34	1.000	1.000	
284.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
69 D	57.82	-5.3559E-04	96.91	206.6	162.9	225.2	UL-RL	3.4740E+04	-13.60	82.51	1.000	1.000	
289.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
70 D	58.82	-4.8866E-04	99.17	209.4	165.4	226.4	UL-RL	3.4740E+04	-13.80	84.69	1.000	1.000	
294.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
71 D	29.91	-4.4170E-04	101.4	212.2	167.8	227.6	UL-RL	3.4740E+04	-14.00	86.86	1.000	1.000	
299.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_										

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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:37:26

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.36470	-0.36470	6.15943E-11	7.29392E-02
2	1.0941	-1.0941	-7.29392E-02	0.29176
3	1.8235	-1.8235	-0.29176	0.65645
4	2.5529	-2.5529	-0.65645	1.1670
5	3.3435	-3.3435	-1.1670	1.8357
6	4.4558	-4.4558	-1.8357	2.7269
7	5.9187	-5.9187	-2.7269	3.9106
8	7.7075	-7.7075	-3.9106	5.4521
9	8.4369	-8.4369	-5.4521	7.1395
10	9.1663	-9.1663	-7.1395	8.9728
11	9.9800	-9.9800	-8.9728	10.969
12	11.031	-11.031	-10.969	13.175
13	12.331	-12.331	-13.175	15.641
14	13.813	-13.813	-15.641	18.404
15	15.536	-15.536	-18.404	21.511
16	17.479	-17.479	-21.511	25.007
17	19.620	-19.620	-25.007	28.931
18	21.976	-21.976	-28.931	33.326
19	24.562	-24.562	-33.326	38.239
20	27.356	-27.356	-38.239	43.710
21	30.347	-30.347	-43.710	49.779
22	33.543	-33.543	-49.779	56.488
23	39.100	-39.100	-56.488	64.308
24	47.454	-47.454	-64.308	73.798
25	58.708	-58.708	-73.798	85.540
26	70.722	-70.722	-85.540	99.684
27	85.850	-85.850	-99.684	116.85
28	103.81	-103.81	-116.85	137.62
29	98.683	-98.683	-137.62	157.35
30	89.361	-89.361	-157.35	175.22
31	75.755	-75.755	-175.22	190.38
32	60.618	-60.618	-190.38	202.50
33	44.464	-44.464	-202.50	211.39
34	27.014	-27.014	-211.39	216.79
35	8.0090	-8.0090	-216.79	218.40
36	-9.2700	9.2700	-218.40	216.54
37	-23.205	23.205	-216.54	211.90
38	-34.321	34.321	-211.90	205.04
39	-43.047	43.047	-205.04	196.43
40	-49.740	49.740	-196.43	186.48
41	-54.708	54.708	-186.48	175.54
42	-58.215	58.215	-175.54	163.90
43	-60.492	60.492	-163.90	151.80
44	-61.740	61.740	-151.80	139.45
45	-62.140	62.140	-139.45	127.02
46	-61.848	61.848	-127.02	114.65
47	-61.005	61.005	-114.65	102.45
48	-59.733	59.733	-102.45	90.504
49	-58.141	58.141	-90.504	78.876
50	-56.326	56.326	-78.876	67.611
51	-54.370	54.370	-67.611	56.737
52	-47.880	47.880	-56.737	47.161
53	-43.166	43.166	-47.161	38.528
54	-37.789	37.789	-38.528	30.970
55	-32.639	32.639	-30.970	24.442
56	-27.761	27.761	-24.442	18.890
57	-23.194	23.194	-18.890	14.251
58	-18.970	18.970	-14.251	10.457
59	-15.119	15.119	-10.457	7.4333
60	-11.663	11.663	-7.4333	5.1007
61	-8.6244	8.6244	-5.1007	3.3758
62	-6.0185	6.0185	-3.3758	2.1721
63	-3.8603	3.8603	-2.1721	1.4000
64	-2.1629	2.1629	-1.4000	0.96744
65	-0.93799	0.93799	-0.96744	0.77984
66	-0.19744	0.19744	-0.77984	0.74036
67	4.97702E-02	-4.97702E-02	-0.74036	0.75031
68	-0.23272	0.23272	-0.75031	0.70377

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69	-1.0647	1.0647	-0.70377	0.49083
70	-2.4540	2.4540	-0.49083	-2.11164E-12

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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:37:26

F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	5
3	CONVERGENCE :YES	4

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.26 [sec]

DATABASE CREATION CPU TIME..... 0.11 [sec]



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Cepav due



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## Design Assumption : SLE (Rara/Frequente/Quasi Permanente) - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:37:26

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

STARTING

```

ACCEPTED &lt;FILE,GENW &gt;
ACCEPTED &lt;FILE,PLOTTER,BINARY &gt;
ACCEPTED &lt;SOLVE TOTAL_STRESS &gt;
ACCEPTED &lt;PARAM ITEMAX 40 &gt;
ACCEPTED &lt;CONTROL HINGES 0 0.0001 0.001 &gt;

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) ..... 71  
NO. OF COORDINATES (NCOORD)..... 2  
NO. OF NODE DOFS (NDOF)..... 2  
NO. OF EQUATIONS (NEQ)..... 142  
NO. OF CONSTRAINTS CARDS (NVINC)..... 0  
NO. OF ELEMENT GROUPS (NEG)..... 3  
NO. OF SOLUTION STEPS (NSTE)..... 3  
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ... 0  
NO. OF RECORD FROM WALGEN ..... 321  
NO. OF LONG NAMES (LASTNAME) ..... 16  
LENGTH UNIT CHOICE ..... 3 ( M )  
FORCE UNIT CHOICE ..... 3 ( KN )  
MAX PORE PRESSURE TABLE LENGTH..... 1  
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF . 0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES kPa  
Y-DISPLACEMENTS m  
ROTATIONS RADIANS  
BEAM AND SLAB MOMENTS kN\*m/m  
BEAM SHEAR FORCES kN/m  
ANCHOR FORCES kN/m  
AXIAL FORCES IN TRUSSES kN/m  
AXIAL FORCES SPRINGS kN/m  
Y-REACTIONS kN/m  
X-MOMENT REACTIONS kN\*m/m  
ETC.

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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 321

```
1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -14 0 1
7 : SOIL 0_L LeftWall_32 -14 0 1 0
8 : SOIL 0_R LeftWall_32 -14 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : LDATA sabbialimosoghiaiosal_236_221_L_0 -10 LeftWall_32
31 : ATREST 0.76 2 1
32 : WEIGHT 21.4 12.2 10
33 : PERMEABILITY 1E-05
34 : RESISTANCE 30 36 0 0 0
35 : YOUNG 1E+05 2.5E+05
36 : ENDL
37 : MATERIAL Fe360_108 2.06E+08
38 : MATERIAL C2530_104 3.148E+07
39 : BEAM WallElement_33 LeftWall_32 -14 0 C2530_104 0.6225 00 00 0
40 : STRIP LeftWall_32 1 3 1.5 28.5 0 20 45
41 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
42 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
43 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
44 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
45 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
46 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
47 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
48 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
49 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
50 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
51 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
52 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
53 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
54 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
55 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
56 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45
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78 : STRIP LeftWall\_32 1 1 14.8 0.4 0 50.4 45  
 79 : STRIP LeftWall\_32 1 1 15.2 0.4 0 50.4 45  
 80 : STRIP LeftWall\_32 1 1 15.6 0.4 0 50.4 45  
 81 : STRIP LeftWall\_32 1 1 16.0 0.4 0 50.4 45  
 82 : STRIP LeftWall\_32 1 1 16.4 0.4 0 50.4 45  
 83 : STRIP LeftWall\_32 1 1 16.8 0.4 0 50.4 45  
 84 : STRIP LeftWall\_32 1 1 17.2 0.4 0 50.4 45  
 85 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
 86 : STRIP LeftWall\_32 1 1 18.0 0.4 0 50.4 45  
 87 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
 88 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
 89 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
 90 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
 91 : STRIP LeftWall\_32 1 1 20.0 0.4 0 50.4 45  
 92 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
 93 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
 94 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
 95 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
 96 : STRIP LeftWall\_32 1 1 22.0 0.4 0 50.4 45  
 97 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
 98 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
 99 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
 100 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
 101 : STRIP LeftWall\_32 1 1 24.0 0.4 0 50.4 45  
 102 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
 103 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
 104 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
 105 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
 106 : STRIP LeftWall\_32 1 1 26.0 0.4 0 50.4 45  
 107 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
 108 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
 109 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
 110 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
 111 : STRIP LeftWall\_32 1 1 28.0 0.4 0 50.4 45  
 112 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
 113 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
 114 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
 115 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
 116 : STRIP LeftWall\_32 2 2 0.4 0.4 0 1.68 45  
 117 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
 118 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
 119 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
 120 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
 121 : STRIP LeftWall\_32 2 2 2.0 0.4 0 18.48 45  
 122 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
 123 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
 124 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
 125 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
 126 : STRIP LeftWall\_32 2 2 4.0 0.4 0 35.28 45  
 127 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
 128 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
 129 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
 130 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
 131 : STRIP LeftWall\_32 2 2 6.0 0.4 0 50.4 45  
 132 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
 133 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
 134 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
 135 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
 136 : STRIP LeftWall\_32 2 2 8.0 0.4 0 50.4 45  
 137 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
 138 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
 139 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
 140 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
 141 : STRIP LeftWall\_32 2 2 10.0 0.4 0 50.4 45  
 142 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
 143 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
 144 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
 145 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
 146 : STRIP LeftWall\_32 2 2 12.0 0.4 0 50.4 45  
 147 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
 148 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
 149 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
 150 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
 151 : STRIP LeftWall\_32 2 2 14.0 0.4 0 50.4 45  
 152 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
 153 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
 154 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
 155 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
 156 : STRIP LeftWall\_32 2 2 16.0 0.4 0 50.4 45  
 157 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
 158 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
 159 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
 160 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
 161 : STRIP LeftWall\_32 2 2 18.0 0.4 0 50.4 45  
 162 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
 163 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
 164 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
 165 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
 166 : STRIP LeftWall\_32 2 2 20.0 0.4 0 50.4 45  
 167 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 26 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 185 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 186 : STRIP LeftWall\_32 2 2 28 0.4 0 50.4 45  
 187 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 188 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 189 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 190 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 191 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 192 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 193 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 194 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 195 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 196 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 197 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 198 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 199 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 200 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 201 : STRIP LeftWall\_32 3 3 4 0.4 0 35.28 45  
 202 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 203 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 204 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 205 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 206 : STRIP LeftWall\_32 3 3 6 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 208 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 209 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 210 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 214 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 215 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 216 : STRIP LeftWall\_32 3 3 10 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 12 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 14 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 16 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 20 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 22 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 259 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 260 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 261 : STRIP LeftWall\_32 3 3 28 0.4 0 50.4 45  
 262 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 263 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 264 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45  
 265 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 266 : STEP Stage1\_31  
 267 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 268 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 269 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 270 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 271 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 272 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 273 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 274 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 275 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 276 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 277 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32  
 278 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
 279 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
 280 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
 281 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
 282 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
 283 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
 284 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-FRICT=36 LeftWall\_32  
 286 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-FRICT=36 LeftWall\_32  
 287 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KA=0.215 LeftWall\_32  
 288 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KP=6.978 LeftWall\_32  
 289 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KA=0.215 LeftWall\_32  
 290 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KP=6.978 LeftWall\_32  
 291 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
 292 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 293 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
 294 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 295 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
 296 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 297 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
 298 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 299 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
 300 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 301 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
 302 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 303 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
 304 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
 305 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
 306 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
 307 : SETWALL LeftWall\_32  
 308 : GEOM 0 0  
 309 : WATER -0.5 0 -14 0 0  
 310 : ADD WallElement\_33  
 311 : ENDSTEP  
 312 : STEP Stage2\_446  
 313 : SETWALL LeftWall\_32  
 314 : GEOM 0 -5.5  
 315 : WATER -4.5 1.5 -14 0 0  
 316 : ENDSTEP  
 317 : STEP Stage3\_549  
 318 : SETWALL LeftWall\_32  
 319 : GEOM 0 -5.5  
 320 : WATER -4.5 1.5 -14 0 0  
 321 : ENDSTEP

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /				
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.000	/	52	0.0000	-10.200	/
53	0.0000	-10.400	/	54	0.0000	-10.600	/	55	0.0000	-10.800	/	56	0.0000	-11.000	/
57	0.0000	-11.200	/	58	0.0000	-11.400	/	59	0.0000	-11.600	/	60	0.0000	-11.800	/
61	0.0000	-12.000	/	62	0.0000	-12.200	/	63	0.0000	-12.400	/	64	0.0000	-12.600	/
65	0.0000	-12.800	/	66	0.0000	-13.000	/	67	0.0000	-13.200	/	68	0.0000	-13.400	/
69	0.0000	-13.600	/	70	0.0000	-13.800	/	71	0.0000	-14.000	/				

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```

ELEMENT GROUP NO.  1

0_L
  5 71  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  4  0  0  0  0  0
.....
.....2D PLASTIC SOIL .....
.....
    
```

element group behaviour throughout stage analysis

```

stage  status
-----
  1  active
  2  active
  3  active
    
```

```

material set no.  1

prop( 1) angle           0.00000
prop( 2) layer as foreseen 1.00000
    
```

```

material set no.  2

prop( 1) angle           0.00000
prop( 2) layer as foreseen 2.00000
    
```

```

material set no.  3

prop( 1) angle           0.00000
prop( 2) layer as foreseen 3.00000
    
```

```

material set no.  4

prop( 1) angle           0.00000
prop( 2) layer as foreseen 4.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000



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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000

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ELEMENT GROUP NO. 2

0\_R  
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....  
.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status

1 active  
2 active  
3 active

material set no. 1

prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

material set no. 4

prop( 1) angle 180.000  
prop( 2) layer as foreseen 4.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000

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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33

2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage	status
1	active
2	active
3	active

material set no. 1

prop( 1) young modulus 0.314800E+08  
 prop( 2) modification time 0.00000  
 prop( 3) new young modulus 0.00000  
 prop( 4) poisson ratio 0.00000  
 prop( 5) future ..... 0.00000

no. of step variable items: 1  
 step inertia multiplier

1	1.000
2	1.000
3	1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:37:26

NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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Exe Time : 8 June 2018 11:37:26

L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

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NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 12 VALUES



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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 1			

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-5.500	0.000
Z-WATER_TABLE		-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 2			

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-5.500	0.000
Z-WATER_TABLE	-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL	-14.00000
UPPER LEVEL	0.00000

RIGHT-HAND WALL

LOWER LEVEL	-14.00000
UPPER LEVEL	0.00000



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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:37:26

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 1.680000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.800000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.200000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.600000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 180  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 26.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 27.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 27.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 6118

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.7197E-27 REMNOR= 0.000 RATIO =0.6781E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.6781E-16 RATIOR= 0.000  
MAX UN=0.1421E-13 IEQ= 129 NODE 65 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.1025E-28 REMNOR=0.5119E-53 RATIO =0.8094E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.8094E-17 RATIOR= 0.000  
MAX UN=0.9315E-15 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.4755E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.8357E-29 REMNOR=0.1126E-52 RATIO =0.7307E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.7307E-17 RATIOR= 0.000  
MAX UN=0.1027E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.3214E-15 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:37:26

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









GENERAL CONTRACTOR

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:37:26

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-1.95561E-17	1.95561E-17	6.31089E-30	3.91122E-18	
2 1.65361E-16	1.65361E-16	3.91122E-18	2.91611E-17	
3-3.13868E-16	3.13868E-16	2.91611E-17	3.36125E-17	
4-3.47015E-16	3.47015E-16	3.36125E-17	1.03016E-16	
5-3.78157E-16	3.78157E-16	1.03016E-16	1.78647E-16	
6-4.07271E-16	4.07271E-16	1.78647E-16	2.60101E-16	
7-4.34326E-16	4.34326E-16	2.60101E-16	3.46966E-16	
8-4.59277E-16	4.59277E-16	3.46966E-16	4.38822E-16	
9-5.31705E-16	5.31705E-16	4.38822E-16	5.45162E-16	
10-5.97031E-16	5.97031E-16	5.45162E-16	6.64569E-16	
11-6.54972E-16	6.54972E-16	6.64569E-16	7.95563E-16	
12-7.05183E-16	7.05183E-16	7.95563E-16	9.36600E-16	
13-7.47258E-16	7.47258E-16	9.36600E-16	1.08605E-15	
14-7.80729E-16	7.80729E-16	1.08605E-15	1.24220E-15	
15-8.05073E-16	8.05073E-16	1.24220E-15	1.40321E-15	
16-8.19711E-16	8.19711E-16	1.40321E-15	1.56715E-15	
17-8.24023E-16	8.24023E-16	1.56715E-15	1.73196E-15	
18-8.17352E-16	8.17352E-16	1.73196E-15	1.89543E-15	
19-7.99023E-16	7.99023E-16	1.89543E-15	2.05523E-15	
20-7.68354E-16	7.68354E-16	2.05523E-15	2.20890E-15	
21-7.24675E-16	7.24675E-16	2.20890E-15	2.35384E-15	
22-6.67347E-16	6.67347E-16	2.35384E-15	2.48731E-15	
23-5.95780E-16	5.95780E-16	2.48731E-15	2.60647E-15	
24-5.09459E-16	5.09459E-16	2.60647E-15	2.70836E-15	
25-4.07961E-16	4.07961E-16	2.70836E-15	2.78995E-15	
26-2.61738E-16	2.61738E-16	2.78995E-15	2.84230E-15	
27 3.45675E-15	3.45675E-15	2.84230E-15	2.15095E-15	
28 3.64209E-15	3.64209E-15	2.15095E-15	1.42253E-15	
29 3.84674E-15	3.84674E-15	1.42253E-15	6.53181E-16	
30 4.07020E-15	4.07020E-15	6.53181E-16	1.60859E-16	
31 4.31168E-15	4.31168E-15	1.60859E-16	1.02319E-15	
32 4.57011E-15	4.57011E-15	1.02319E-15	1.93721E-15	
33 4.84406E-15	4.84406E-15	1.93721E-15	2.90603E-15	
34 5.13185E-15	5.13185E-15	2.90603E-15	3.93240E-15	
35 5.43146E-15	5.43146E-15	3.93240E-15	5.01869E-15	
36 5.74059E-15	5.74059E-15	5.01869E-15	6.16680E-15	
37 6.05667E-15	6.05667E-15	6.16680E-15	7.37814E-15	
38 6.37691E-15	6.37691E-15	7.37814E-15	8.65352E-15	
39-4.07129E-16	4.07129E-16	8.65352E-15	8.57209E-15	
40-8.77508E-17	8.77508E-17	8.57209E-15	8.55454E-15	
41 2.26344E-16	2.26344E-16	8.55454E-15	8.59981E-15	
42 5.31818E-16	5.31818E-16	8.59981E-15	8.70618E-15	
43-6.28012E-15	6.28012E-15	8.70618E-15	7.45015E-15	
44-1.31074E-14	1.31074E-14	7.45015E-15	4.82869E-15	
45-1.28477E-14	1.28477E-14	4.82869E-15	2.25914E-15	
46-1.26099E-14	1.26099E-14	2.25914E-15	2.62831E-16	
47-5.29133E-15	5.29133E-15	2.62831E-16	1.32110E-15	
48 1.99957E-15	1.99957E-15	1.32110E-15	9.21184E-16	
49 2.15468E-15	2.15468E-15	9.21184E-16	4.90250E-16	
50 9.38233E-15	9.38233E-15	4.90250E-16	1.38622E-15	
51 9.46929E-15	9.46929E-15	1.38622E-15	3.28012E-15	
52 9.53487E-15	9.53487E-15	3.28012E-15	5.18700E-15	
53 2.44284E-15	2.44284E-15	5.18700E-15	5.67557E-15	
54-4.70374E-15	4.70374E-15	5.67557E-15	4.73482E-15	
55-4.80153E-15	4.80153E-15	4.73482E-15	3.77452E-15	
56-4.95776E-15	4.95776E-15	3.77452E-15	2.78296E-15	
57-5.17394E-15	5.17394E-15	2.78296E-15	1.74817E-15	
58-5.45129E-15	5.45129E-15	1.74817E-15	6.57917E-16	
59-5.79070E-15	5.79070E-15	6.57917E-16	5.00224E-16	
60-6.19283E-15	6.19283E-15	5.00224E-16	1.73879E-15	
61-6.65803E-15	6.65803E-15	1.73879E-15	3.07040E-15	
62-7.18645E-15	7.18645E-15	3.07040E-15	4.50768E-15	
63-7.77804E-15	7.77804E-15	4.50768E-15	6.06329E-15	
64-8.43261E-15	8.43261E-15	6.06329E-15	7.74982E-15	
65 5.06096E-15	5.06096E-15	7.74982E-15	6.73762E-15	
66 4.28130E-15	4.28130E-15	6.73762E-15	5.88136E-15	
67 1.05450E-14	1.05450E-14	5.88136E-15	3.77236E-15	
68 9.64144E-15	9.64144E-15	3.77236E-15	1.84408E-15	

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69 8.67625E-15-8.67625E-15 1.84408E-15-1.08827E-16  
70 5.44106E-16-5.44106E-16 1.08827E-16-2.52435E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM=0.1476E+05 REMNOR=0.1126E-52 RATIO =0.2841 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.2841 RATIOR= 0.000  
MAX UN= 21.84 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F  
MIN UN=-26.47 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM= 270.3 REMNOR=0.4115E-19 RATIO =0.3845E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.3845E-01 RATIOR= 0.000  
MAX UN= 9.909 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.1498 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM= 60.37 REMNOR=0.2173E-19 RATIO =0.1817E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.1817E-01 RATIOR= 0.000  
MAX UN= 5.987 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
MIN UN=-.8566 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM=0.5643 REMNOR=0.1516E-19 RATIO =0.1757E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.1757E-02 RATIOR= 0.000  
MAX UN=0.6670 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
MIN UN=-.3330E-01 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM=0.3807E-05 REMNOR=0.1616E-19 RATIO =0.4563E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.4563E-05 RATIOR= 0.000  
MAX UN=0.1053E-08 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
MIN UN=-.1951E-02 IEQ= 71 NODE 36 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

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Exe Time : 8 June 2018 11:37:26

New Project  
SOLUTION REACHED USING 5 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	5.7150554E-03	-1.0324250E-03
2	5.5085704E-03	-1.0324250E-03
3	5.3020854E-03	-1.0324250E-03
4	5.0956004E-03	-1.0324250E-03
5	4.8891154E-03	-1.0324250E-03
6	4.6826305E-03	-1.0324231E-03
7	4.4761473E-03	-1.0324051E-03
8	4.2696719E-03	-1.0323360E-03
9	4.0632201E-03	-1.0321589E-03
10	3.8568178E-03	-1.0318404E-03
11	3.6504933E-03	-1.0313805E-03
12	3.4442752E-03	-1.0307765E-03
13	3.2381932E-03	-1.0300156E-03
14	3.0322813E-03	-1.0290697E-03
15	2.8265805E-03	-1.0278968E-03
16	2.6211414E-03	-1.0264418E-03
17	2.4160262E-03	-1.0246349E-03
18	2.2113154E-03	-1.0223932E-03
19	2.0071043E-03	-1.0196206E-03
20	1.8035099E-03	-1.0162070E-03
21	1.6006735E-03	-1.0120286E-03
22	1.3987628E-03	-1.0068991E-03
23	1.1979982E-03	-1.0005043E-03
24	9.9867603E-04	-9.9238577E-04
25	8.0119902E-04	-9.8194008E-04
26	6.0610522E-04	-9.6841615E-04
27	4.1409602E-04	-9.5095478E-04
28	2.2605204E-04	-9.2857686E-04
29	4.3069609E-05	-9.0013391E-04
30	-1.3356431E-04	-8.6513269E-04
31	-3.0257117E-04	-8.2394695E-04
32	-4.6277170E-04	-7.7720233E-04
33	-6.1313365E-04	-7.2569311E-04
34	-7.5279060E-04	-6.7030870E-04
35	-8.8106487E-04	-6.1204034E-04
36	-9.9748803E-04	-5.5199135E-04
37	-1.1018166E-03	-4.9127853E-04
38	-1.1940194E-03	-4.3087359E-04
39	-1.2742394E-03	-3.7156818E-04
40	-1.3427626E-03	-3.1400088E-04
41	-1.3999895E-03	-2.5868060E-04
42	-1.4464112E-03	-2.0600614E-04
43	-1.4825887E-03	-1.5628289E-04
44	-1.5091362E-03	-1.0973733E-04
45	-1.5267061E-03	-6.6529977E-05
46	-1.5359776E-03	-2.6765651E-05
47	-1.5376460E-03	9.4952753E-06
48	-1.5324147E-03	4.2229010E-05
49	-1.5209892E-03	7.1440337E-05
50	-1.5040717E-03	9.7155612E-05
51	-1.4823573E-03	1.1941718E-04
52	-1.4565309E-03	1.3827769E-04
53	-1.4272606E-03	1.5393550E-04
54	-1.3951488E-03	1.6673347E-04
55	-1.3607357E-03	1.7700364E-04
56	-1.3244944E-03	1.8506764E-04
57	-1.2868352E-03	1.9123286E-04
58	-1.2481085E-03	1.9579005E-04
59	-1.2086083E-03	1.9901128E-04
60	-1.1685762E-03	2.0114827E-04
61	-1.1282059E-03	2.0243101E-04
62	-1.0876470E-03	2.0306660E-04
63	-1.0470102E-03	2.0323836E-04
64	-1.0063720E-03	2.0310500E-04
65	-9.6577963E-04	2.0280004E-04
66	-9.2525623E-04	2.0243119E-04
67	-8.8480598E-04	2.0207992E-04
68	-8.4441944E-04	2.0180102E-04
69	-8.0407896E-04	2.0162132E-04
70	-7.6376448E-04	2.0153808E-04
71	-7.2345748E-04	2.0151835E-04



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33 D	27.74	6.1313E-04	143.3 121.3 143.3	123.5	UL-RL 5.1419E+04 -6.400 17.37 1.000 1.000
138.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	29.20	7.5279E-04	145.9 126.8 145.9	127.7	UL-RL 5.1419E+04 -6.600 19.20 1.000 1.000
146.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	30.51	8.8106E-04	149.4 131.5 149.4	131.9	UL-RL 5.1419E+04 -6.800 21.03 1.000 1.000
152.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	31.75	9.9749E-04	152.4 135.9 152.4	135.9	UL-RL 5.1419E+04 -7.000 22.86 1.000 1.000
158.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	32.91	1.1018E-03	155.5 139.9 155.5	139.9	V-C 2.0513E+04 -7.200 24.69 1.000 1.000
164.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	34.01	1.1940E-03	158.4 143.5 158.4	143.5	V-C 2.0513E+04 -7.400 26.51 1.000 1.000
170.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	35.06	1.2742E-03	161.8 146.9 161.8	146.9	V-C 2.0513E+04 -7.600 28.34 1.000 1.000
175.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	36.06	1.3428E-03	164.7 150.1 164.7	150.1	V-C 2.0513E+04 -7.800 30.17 1.000 1.000
180.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	37.02	1.4000E-03	167.7 153.1 167.7	153.1	V-C 2.0513E+04 -8.000 32.00 1.000 1.000
185.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	37.93	1.4464E-03	170.6 155.8 170.6	155.8	V-C 2.0513E+04 -8.200 33.83 1.000 1.000
189.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	38.79	1.4826E-03	173.9 158.3 173.9	158.3	V-C 2.0513E+04 -8.400 35.66 1.000 1.000
194.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	39.62	1.5091E-03	176.4 160.6 176.4	160.6	V-C 2.0513E+04 -8.600 37.49 1.000 1.000
198.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	40.41	1.5267E-03	179.6 162.8 179.6	162.8	V-C 2.0513E+04 -8.800 39.31 1.000 1.000
202.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	41.17	1.5360E-03	182.5 164.7 182.5	164.7	V-C 2.0513E+04 -9.000 41.14 1.000 1.000
205.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	41.90	1.5376E-03	185.6 166.5 185.6	166.5	V-C 2.0513E+04 -9.200 42.97 1.000 1.000
209.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	42.59	1.5324E-03	188.2 168.2 188.2	168.2	V-C 2.0513E+04 -9.400 44.80 1.000 1.000
213.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	43.27	1.5210E-03	191.3 169.7 191.3	169.7	V-C 2.0513E+04 -9.600 46.63 1.000 1.000
216.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	43.92	1.5041E-03	194.1 171.1 194.1	171.1	V-C 2.0513E+04 -9.800 48.46 1.000 1.000
219.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	44.55	1.4824E-03	196.9 172.4 196.9	172.4	V-C 2.0513E+04 -10.00 50.29 1.000 1.000
222.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	46.98	1.4565E-03	199.7 182.8 199.7	182.8	V-C 2.6763E+04 -10.20 52.11 1.000 1.000
234.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	47.54	1.4273E-03	202.8 183.8 202.8	183.8	V-C 2.6763E+04 -10.40 53.94 1.000 1.000
237.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	48.09	1.3951E-03	205.3 184.7 205.3	184.7	V-C 2.6763E+04 -10.60 55.77 1.000 1.000
240.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	48.62	1.3607E-03	208.4 185.5 208.4	185.5	V-C 2.6763E+04 -10.80 57.60 1.000 1.000
243.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	49.15	1.3245E-03	211.1 186.3 211.1	186.3	V-C 2.6763E+04 -11.00 59.43 1.000 1.000
245.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	49.67	1.2868E-03	214.1 187.1 214.1	187.1	V-C 2.6763E+04 -11.20 61.26 1.000 1.000
248.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	50.18	1.2481E-03	216.6 187.8 216.6	187.8	V-C 2.6763E+04 -11.40 63.09 1.000 1.000
250.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	50.69	1.2086E-03	219.6 188.5 219.6	188.5	V-C 2.6763E+04 -11.60 64.91 1.000 1.000
253.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	51.20	1.1686E-03	222.4 189.2 222.4	189.2	V-C 2.6763E+04 -11.80 66.74 1.000 1.000
256.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	51.70	1.1282E-03	225.1 189.9 225.1	189.9	V-C 2.6763E+04 -12.00 68.57 1.000 1.000
258.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	52.20	1.0876E-03	227.8 190.6 227.8	190.6	V-C 2.6763E+04 -12.20 70.40 1.000 1.000
261.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	52.71	1.0470E-03	230.8 191.3 230.8	191.3	V-C 2.6763E+04 -12.40 72.23 1.000 1.000
263.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	53.21	1.0064E-03	233.3 192.0 233.3	192.0	V-C 2.6763E+04 -12.60 74.06 1.000 1.000
266.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	53.72	9.6578E-04	236.2 192.7 236.2	192.7	V-C 2.6763E+04 -12.80 75.89 1.000 1.000
268.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	54.22	9.2526E-04	238.9 193.4 238.9	193.4	V-C 2.6763E+04 -13.00 77.71 1.000 1.000
271.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	54.73	8.8481E-04	241.9 194.1 241.9	194.1	V-C 2.6763E+04 -13.20 79.54 1.000 1.000
273.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	55.21	8.4442E-04	244.3 194.7 244.3	194.9	UL-RL 6.6907E+04 -13.40 81.37 1.000 1.000
276.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	55.67	8.0408E-04	247.3 195.2 247.3	195.7	UL-RL 6.6907E+04 -13.60 83.20 1.000 1.000
278.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	56.14	7.6376E-04	249.9 195.7 249.9	196.6	UL-RL 6.6907E+04 -13.80 85.03 1.000 1.000
280.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	28.31	7.2346E-04	252.7 196.2 252.7	197.4	UL-RL 6.6907E+04 -14.00 86.86 1.000 1.000
283.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		





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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:37:26

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	4.23142E-10	-4.23142E-10	4.04299E-11	-1.17410E-10
2	1.13687E-10	-1.13687E-10	1.70985E-10	-2.12822E-10
3	5.77525E-11	-5.77525E-11	2.31623E-10	-1.51573E-10
4	6.43463E-11	-6.43463E-11	1.67489E-10	-1.36140E-10
5	6.11933E-02	-6.11933E-02	7.61275E-11	1.22387E-02
6	0.44419	-0.44419	-1.22387E-02	0.10108
7	1.1777	-1.1777	-0.10108	0.33662
8	2.2371	-2.2371	-0.33662	0.78403
9	2.2371	-2.2371	-0.78403	1.2314
10	2.2371	-2.2371	-1.2314	1.6788
11	2.3214	-2.3214	-1.6788	2.1431
12	2.6432	-2.6432	-2.1431	2.6718
13	3.2134	-3.2134	-2.6718	3.3144
14	3.9659	-3.9659	-3.3144	4.1076
15	4.9602	-4.9602	-4.1076	5.0997
16	6.1733	-6.1733	-5.0997	6.3343
17	7.5854	-7.5854	-6.3343	7.8514
18	9.2121	-9.2121	-7.8514	9.6938
19	11.068	-11.068	-9.6938	11.907
20	13.133	-13.133	-11.907	14.534
21	16.959	-16.959	-14.534	17.926
22	23.075	-23.075	-17.926	22.541
23	31.464	-31.464	-22.541	28.834
24	42.169	-42.169	-28.834	37.267
25	55.228	-55.228	-37.267	48.313
26	69.358	-69.358	-48.313	62.184
27	86.201	-86.201	-62.184	79.425
28	105.70	-105.70	-79.425	100.56
29	101.81	-101.81	-100.56	120.93
30	93.873	-93.873	-120.93	139.70
31	82.019	-82.019	-139.70	156.10
32	68.728	-68.728	-156.10	169.85
33	53.884	-53.884	-169.85	180.63
34	37.366	-37.366	-180.63	188.10
35	18.974	-18.974	-188.10	191.89
36	2.0388	-2.0388	-191.89	192.30
37	-11.790	11.790	-192.30	189.94
38	-23.000	23.000	-189.94	185.34
39	-31.994	31.994	-185.34	178.95
40	-39.103	39.103	-178.95	171.13
41	-44.612	44.612	-171.13	162.20
42	-48.766	48.766	-162.20	152.45
43	-51.778	51.778	-152.45	142.09
44	-53.837	53.837	-142.09	131.33
45	-55.109	55.109	-131.33	120.30
46	-55.740	55.740	-120.30	109.16
47	-55.862	55.862	-109.16	97.985
48	-55.589	55.589	-97.985	86.867
49	-55.024	55.024	-86.867	75.862
50	-54.257	54.257	-75.862	65.011
51	-53.367	53.367	-65.011	54.337
52	-47.929	47.929	-54.337	44.752
53	-42.585	42.585	-44.752	36.235
54	-37.395	37.395	-36.235	28.756
55	-32.409	32.409	-28.756	22.274
56	-27.669	27.669	-22.274	16.740
57	-23.210	23.210	-16.740	12.098
58	-19.060	19.060	-12.098	8.2860
59	-15.245	15.245	-8.2860	5.2370
60	-11.784	11.784	-5.2370	2.8803
61	-8.6921	8.6921	-2.8803	1.1418
62	-5.9839	5.9839	-1.1418	-5.49409E-02
63	-3.6700	3.6700	5.49409E-02	-0.78894
64	-1.7599	1.7599	0.78894	-1.1409
65	-0.26152	0.26152	1.1409	-1.1932
66	0.81790	-0.81790	1.1932	-1.0296
67	1.4719	-1.4719	1.0296	-0.73524
68	1.6665	-1.6665	0.73524	-0.40195

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69 1.3857 -1.3857 0.40195 -0.12481  
70 0.62400 -0.62400 0.12481 -2.25597E-13

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3875E+06 RIMNOR=0.1072E+07  
RENORM=0.3807E-05 REMNOR=0.1616E-19 RATIO =0.3135E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 105.7 RMMAX = 192.3  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3875E+06 RDR =0.1072E+07  
RATIOT=0.3135E-05 RATIO= 0.000  
MAX UN=0.1053E-08 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
MIN UN=-.1951E-02 IEQ= 71 NODE 36 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3875E+06 RIMNOR=0.1072E+07  
RENORM=0.1038E-07 REMNOR=0.2559E-19 RATIO =0.1636E-06 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 105.7 RMMAX = 192.3  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3875E+06 RDR =0.1072E+07  
RATIOT=0.1636E-06 RATIO= 0.000  
MAX UN=0.5795E-05 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.3512E-04 IEQ= 73 NODE 37 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3875E+06 RIMNOR=0.1072E+07  
RENORM=0.9746E-10 REMNOR=0.2488E-19 RATIO =0.1586E-07 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 105.7 RMMAX = 192.3  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3875E+06 RDR =0.1072E+07  
RATIOT=0.1586E-07 RATIO= 0.000  
MAX UN=0.7902E-05 IEQ= 23 NODE 12 DOF 1 Y-DISPL.F  
MIN UN=-.2804E-05 IEQ= 123 NODE 62 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:37:26

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	5.7150606E-03	-1.0324269E-03
2	5.5085752E-03	-1.0324269E-03
3	5.3020898E-03	-1.0324269E-03
4	5.0956044E-03	-1.0324269E-03
5	4.8891190E-03	-1.0324269E-03
6	4.6826338E-03	-1.0324250E-03
7	4.4761501E-03	-1.0324070E-03
8	4.2696744E-03	-1.0323379E-03
9	4.0632222E-03	-1.0321608E-03
10	3.8568195E-03	-1.0318423E-03
11	3.6504947E-03	-1.0313824E-03
12	3.4442762E-03	-1.0307784E-03
13	3.2381938E-03	-1.0300175E-03
14	3.0322815E-03	-1.0290716E-03
15	2.8265803E-03	-1.0278987E-03
16	2.6211408E-03	-1.0264437E-03
17	2.4160252E-03	-1.0246368E-03
18	2.2113140E-03	-1.0223951E-03
19	2.0071026E-03	-1.0196225E-03
20	1.8035078E-03	-1.0162090E-03
21	1.6006710E-03	-1.0120305E-03
22	1.3987600E-03	-1.0069010E-03
23	1.1979949E-03	-1.0005062E-03
24	9.9867241E-04	-9.9238767E-04
25	8.0119503E-04	-9.8194195E-04
26	6.0610085E-04	-9.6841799E-04
27	4.1409129E-04	-9.5095657E-04
28	2.2604696E-04	-9.2857860E-04
29	4.3064184E-05	-9.0013557E-04
30	-1.3357005E-04	-8.6513425E-04
31	-3.0257721E-04	-8.2394838E-04
32	-4.6277802E-04	-7.7720360E-04
33	-6.1314020E-04	-7.2569416E-04
34	-7.5279733E-04	-6.7030951E-04
35	-8.8107174E-04	-6.1204085E-04
36	-9.9749496E-04	-5.5199149E-04
37	-1.1018236E-03	-4.9127831E-04
38	-1.1940263E-03	-4.3087305E-04
39	-1.2742461E-03	-3.7156738E-04
40	-1.3427691E-03	-3.1399986E-04
41	-1.3999958E-03	-2.5867939E-04
42	-1.4464173E-03	-2.0600478E-04
43	-1.4825945E-03	-1.5628142E-04
44	-1.5091417E-03	-1.0973578E-04
45	-1.5267113E-03	-6.6528361E-05
46	-1.5359825E-03	-2.6763998E-05
47	-1.5376504E-03	9.4969438E-06
48	-1.5324188E-03	4.2230677E-05
49	-1.5209930E-03	7.1441989E-05
50	-1.5040752E-03	9.7157236E-05
51	-1.4823604E-03	1.1941876E-04
52	-1.4565338E-03	1.3827923E-04
53	-1.4272631E-03	1.5393699E-04
54	-1.3951511E-03	1.6673490E-04
55	-1.3607377E-03	1.7700501E-04
56	-1.3244961E-03	1.8506895E-04
57	-1.2868367E-03	1.9123411E-04
58	-1.2481097E-03	1.9579124E-04
59	-1.2086093E-03	1.9901241E-04
60	-1.1685770E-03	2.0114935E-04
61	-1.1282065E-03	2.0243204E-04
62	-1.0876473E-03	2.0306759E-04
63	-1.0470103E-03	2.0323931E-04
64	-1.0063720E-03	2.0310593E-04
65	-9.6577941E-04	2.0280094E-04
66	-9.2525584E-04	2.0243207E-04
67	-8.8480541E-04	2.0208079E-04
68	-8.4441870E-04	2.0180188E-04
69	-8.0407805E-04	2.0162217E-04
70	-7.6376340E-04	2.0153893E-04
71	-7.2345622E-04	2.0151921E-04











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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-4.61915E-10	4.61915E-10	-4.60176E-11	-2.07974E-10
2	-7.15583E-11	7.15583E-11	1.54519E-10	-2.33404E-10
3	6.34070E-10	-6.34070E-10	2.89254E-10	-9.39414E-11
4	-7.97334E-11	7.97334E-11	1.49651E-10	-1.47118E-10
5	6.11933E-02	-6.11933E-02	8.71050E-11	1.22387E-02
6	0.44419	-0.44419	-1.22387E-02	0.10108
7	1.1777	-1.1777	-0.10108	0.33662
8	2.2371	-2.2371	-0.33662	0.78403
9	2.2371	-2.2371	-0.78403	1.2314
10	2.2371	-2.2371	-1.2314	1.6788
11	2.3214	-2.3214	-1.6788	2.1431
12	2.6432	-2.6432	-2.1431	2.6718
13	3.2134	-3.2134	-2.6718	3.3144
14	3.9659	-3.9659	-3.3144	4.1076
15	4.9602	-4.9602	-4.1076	5.0997
16	6.1733	-6.1733	-5.0997	6.3343
17	7.5854	-7.5854	-6.3343	7.8514
18	9.2121	-9.2121	-7.8514	9.6938
19	11.068	-11.068	-9.6938	11.907
20	13.133	-13.133	-11.907	14.534
21	16.960	-16.960	-14.534	17.926
22	23.075	-23.075	-17.926	22.541
23	31.464	-31.464	-22.541	28.834
24	42.169	-42.169	-28.834	37.268
25	55.228	-55.228	-37.268	48.313
26	69.358	-69.358	-48.313	62.185
27	86.201	-86.201	-62.185	79.425
28	105.70	-105.70	-79.425	100.56
29	101.81	-101.81	-100.56	120.93
30	93.874	-93.874	-120.93	139.70
31	82.020	-82.020	-139.70	156.10
32	68.729	-68.729	-156.10	169.85
33	53.885	-53.885	-169.85	180.63
34	37.366	-37.366	-180.63	188.10
35	18.975	-18.975	-188.10	191.90
36	2.0379	-2.0379	-191.90	192.30
37	-11.790	11.790	-192.30	189.95
38	-23.001	23.001	-189.95	185.35
39	-31.994	31.994	-185.35	178.95
40	-39.103	39.103	-178.95	171.13
41	-44.612	44.612	-171.13	162.20
42	-48.766	48.766	-162.20	152.45
43	-51.778	51.778	-152.45	142.09
44	-53.838	53.838	-142.09	131.33
45	-55.109	55.109	-131.33	120.31
46	-55.740	55.740	-120.31	109.16
47	-55.862	55.862	-109.16	97.985
48	-55.589	55.589	-97.985	86.867
49	-55.024	55.024	-86.867	75.862
50	-54.257	54.257	-75.862	65.011
51	-53.367	53.367	-65.011	54.337
52	-47.929	47.929	-54.337	44.752
53	-42.585	42.585	-44.752	36.235
54	-37.395	37.395	-36.235	28.756
55	-32.409	32.409	-28.756	22.274
56	-27.669	27.669	-22.274	16.740
57	-23.210	23.210	-16.740	12.098
58	-19.060	19.060	-12.098	8.2859
59	-15.245	15.245	-8.2859	5.2368
60	-11.784	11.784	-5.2368	2.8801
61	-8.6920	8.6920	-2.8801	1.1417
62	-5.9838	5.9838	-1.1417	-5.50459E-02
63	-3.6699	3.6699	5.50459E-02	-0.78902
64	-1.7598	1.7598	0.78902	-1.1410
65	-0.26144	0.26144	1.1410	-1.1933
66	0.81798	-0.81798	1.1933	-1.0297
67	1.4720	-1.4720	1.0297	-0.73526
68	1.6665	-1.6665	0.73526	-0.40196

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69	1.3857	-1.3857	0.40196	-0.12481
70	0.62401	-0.62401	0.12481	3.45362E-12

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	5
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.20 [sec]

DATABASE CREATION CPU TIME..... 0.10 [sec]

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### Design Assumption : A1+M1+R1 (R3 per tiranti) - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:37:27

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]



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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	71
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	142
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	321
NO. OF LONG NAMES (LASTNAME) .....	16
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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Exe Time : 8 June 2018 11:37:27

P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 321

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -14 0 1
7 : SOIL 0_L LeftWall_32 -14 0 1 0
8 : SOIL 0_R LeftWall_32 -14 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : LDATA sabbialimosoghiaiosal_236_221_L_0 -10 LeftWall_32
31 : ATREST 0.76 2 1
32 : WEIGHT 21.4 12.2 10
33 : PERMEABILITY 1E-05
34 : RESISTANCE 30 36 0 0 0
35 : YOUNG 1E+05 2.5E+05
36 : ENDL
37 : MATERIAL Fe360_108 2.06E+08
38 : MATERIAL C2530_104 3.148E+07
39 : BEAM WallElement_33 LeftWall_32 -14 0 C2530_104 0.6225 00 00 0
40 : STRIP LeftWall_32 1 3 1.5 28.5 0 23.08 45
41 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
42 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
43 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
44 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
45 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
46 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
47 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
48 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
49 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
50 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
51 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
52 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
53 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
54 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
55 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
56 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45

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78 : STRIP LeftWall\_32 1 1 14.8 0.4 0 50.4 45  
79 : STRIP LeftWall\_32 1 1 15.2 0.4 0 50.4 45  
80 : STRIP LeftWall\_32 1 1 15.6 0.4 0 50.4 45  
81 : STRIP LeftWall\_32 1 1 16.0 0.4 0 50.4 45  
82 : STRIP LeftWall\_32 1 1 16.4 0.4 0 50.4 45  
83 : STRIP LeftWall\_32 1 1 16.8 0.4 0 50.4 45  
84 : STRIP LeftWall\_32 1 1 17.2 0.4 0 50.4 45  
85 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
86 : STRIP LeftWall\_32 1 1 18.0 0.4 0 50.4 45  
87 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
88 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
89 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
90 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
91 : STRIP LeftWall\_32 1 1 20.0 0.4 0 50.4 45  
92 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
93 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
94 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
95 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
96 : STRIP LeftWall\_32 1 1 22.0 0.4 0 50.4 45  
97 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
98 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
99 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
100 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
101 : STRIP LeftWall\_32 1 1 24.0 0.4 0 50.4 45  
102 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
103 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
104 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
105 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
106 : STRIP LeftWall\_32 1 1 26.0 0.4 0 50.4 45  
107 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
108 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
109 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
110 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
111 : STRIP LeftWall\_32 1 1 28.0 0.4 0 50.4 45  
112 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
113 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
114 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
115 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
116 : STRIP LeftWall\_32 2 2 0.4 0.4 0 1.68 45  
117 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
118 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
119 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
120 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
121 : STRIP LeftWall\_32 2 2 2.0 0.4 0 18.48 45  
122 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
123 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
124 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
125 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
126 : STRIP LeftWall\_32 2 2 4.0 0.4 0 35.28 45  
127 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
128 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
129 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
130 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
131 : STRIP LeftWall\_32 2 2 6.0 0.4 0 50.4 45  
132 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
133 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
134 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
135 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
136 : STRIP LeftWall\_32 2 2 8.0 0.4 0 50.4 45  
137 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
138 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
139 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
140 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
141 : STRIP LeftWall\_32 2 2 10.0 0.4 0 50.4 45  
142 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
143 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
144 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
145 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
146 : STRIP LeftWall\_32 2 2 12.0 0.4 0 50.4 45  
147 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
148 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
149 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
150 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
151 : STRIP LeftWall\_32 2 2 14.0 0.4 0 50.4 45  
152 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
153 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
154 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
155 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
156 : STRIP LeftWall\_32 2 2 16.0 0.4 0 50.4 45  
157 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
158 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
159 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
160 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
161 : STRIP LeftWall\_32 2 2 18.0 0.4 0 50.4 45  
162 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
163 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
164 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
165 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
166 : STRIP LeftWall\_32 2 2 20.0 0.4 0 50.4 45  
167 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 26 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 185 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 186 : STRIP LeftWall\_32 2 2 28 0.4 0 50.4 45  
 187 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 188 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 189 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 190 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 191 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 192 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 193 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 194 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 195 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 196 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 197 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 198 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 199 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 200 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 201 : STRIP LeftWall\_32 3 3 4 0.4 0 35.28 45  
 202 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 203 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 204 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 205 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 206 : STRIP LeftWall\_32 3 3 6 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 208 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 209 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 210 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 214 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 215 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 216 : STRIP LeftWall\_32 3 3 10 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 12 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 14 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 16 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 20 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 22 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 259 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 260 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 261 : STRIP LeftWall\_32 3 3 28 0.4 0 50.4 45  
 262 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 263 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 264 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45  
 265 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 266 : STEP Stage1\_31  
 267 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 268 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 269 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 270 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 271 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 272 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 273 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 274 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 275 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 276 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 277 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32  
 278 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
 279 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
 280 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
 281 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
 282 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
 283 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
 284 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-FRICT=36 LeftWall\_32  
 286 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-FRICT=36 LeftWall\_32  
 287 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KA=0.215 LeftWall\_32  
 288 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KP=6.978 LeftWall\_32  
 289 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KA=0.215 LeftWall\_32  
 290 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KP=6.978 LeftWall\_32  
 291 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
 292 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 293 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
 294 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 295 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
 296 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 297 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
 298 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 299 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
 300 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 301 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
 302 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 303 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
 304 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
 305 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
 306 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
 307 : SETWALL LeftWall\_32  
 308 : GEOM 0 0  
 309 : WATER -0.5 0 -14 0 0  
 310 : ADD WallElement\_33  
 311 : ENDSTEP  
 312 : STEP Stage2\_446  
 313 : SETWALL LeftWall\_32  
 314 : GEOM 0 -5.5  
 315 : WATER -4.5 1.5 -14 0 0  
 316 : ENDSTEP  
 317 : STEP Stage3\_549  
 318 : SETWALL LeftWall\_32  
 319 : GEOM 0 -5.5  
 320 : WATER -4.5 1.5 -14 0 0  
 321 : ENDSTEP

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /				
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.000	/	52	0.0000	-10.200	/
53	0.0000	-10.400	/	54	0.0000	-10.600	/	55	0.0000	-10.800	/	56	0.0000	-11.000	/
57	0.0000	-11.200	/	58	0.0000	-11.400	/	59	0.0000	-11.600	/	60	0.0000	-11.800	/
61	0.0000	-12.000	/	62	0.0000	-12.200	/	63	0.0000	-12.400	/	64	0.0000	-12.600	/
65	0.0000	-12.800	/	66	0.0000	-13.000	/	67	0.0000	-13.200	/	68	0.0000	-13.400	/
69	0.0000	-13.600	/	70	0.0000	-13.800	/	71	0.0000	-14.000	/				

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```

```

ELEMENT GROUP NO.  1

0_L
5 71  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  4  0  0  0  0
.....
.....2D PLASTIC SOIL .....
.....
    
```

element group behaviour throughout stage analysis

```

stage  status
-----
  1  active
  2  active
  3  active
    
```

```

material set no.  1

prop( 1) angle          0.00000
prop( 2) layer as foreseen 1.00000
    
```

```

material set no.  2

prop( 1) angle          0.00000
prop( 2) layer as foreseen 2.00000
    
```

```

material set no.  3

prop( 1) angle          0.00000
prop( 2) layer as foreseen 3.00000
    
```

```

material set no.  4

prop( 1) angle          0.00000
prop( 2) layer as foreseen 4.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000

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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000



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```

ELEMENT GROUP NO. 2

```

0_R
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage status
-----

```

- 1 active
- 2 active
- 3 active

material set no. 1

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 1.00000

```

material set no. 2

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 2.00000

```

material set no. 3

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 3.00000

```

material set no. 4

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 4.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000

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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33  
2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

Exe Time : 8 June 2018 11:37:27

NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000

LOAD INPUT SECTION COMPLETED



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NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

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NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 12 VALUES



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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 1			

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-5.500	0.000
Z-WATER_TABLE		-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 2			

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-5.500	0.000
Z-WATER_TABLE	-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

Exe Time : 8 June 2018 11:37:27

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 23.0800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 8.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.7600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.1200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.00000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.00000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.00000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.00000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.00000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.800000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.200000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.600000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 6118

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1581E+06 RIMNOR= 0.000  
RENORM=0.5680E-27 REMNOR= 0.000 RATIO =0.5994E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.25 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1581E+06 RDR = 0.000  
RATIOT=0.5994E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 137 NODE 69 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 129 NODE 65 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1581E+06 RIMNOR= 0.000  
RENORM=0.3525E-28 REMNOR=0.1270E-52 RATIO =0.1493E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.25 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1581E+06 RDR = 0.000  
RATIOT=0.1493E-16 RATIOR= 0.000  
MAX UN=0.6917E-17 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.1455E-14 IEQ= 123 NODE 62 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1581E+06 RIMNOR= 0.000  
RENORM=0.3365E-28 REMNOR=0.3373E-52 RATIO =0.1459E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.25 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1581E+06 RDR = 0.000  
RATIOT=0.1459E-16 RATIOR= 0.000  
MAX UN=0.2189E-16 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.1449E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

Exe Time : 8 June 2018 11:37:27

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS



## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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33 D 28.35 9.5714E-21 107.4 82.76 107.4 82.76 V-C 8.0586E+04 -6.400 59.00 1.000 1.000					
141.8 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
34 D 29.08 1.0694E-20 109.8 84.42 109.8 84.42 V-C 8.0586E+04 -6.600 61.00 1.000 1.000					
145.4 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
35 D 29.81 1.1965E-20 113.2 86.07 113.2 86.07 V-C 8.0586E+04 -6.800 63.00 1.000 1.000					
149.1 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
36 D 30.54 1.3419E-20 116.1 87.72 116.1 87.72 V-C 8.0586E+04 -7.000 65.00 1.000 1.000					
152.7 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
37 D 31.27 1.5091E-20 118.9 89.36 118.9 89.36 V-C 8.0586E+04 -7.200 67.00 1.000 1.000					
156.4 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
38 D 32.00 1.7002E-20 121.7 91.00 121.7 91.00 V-C 8.0586E+04 -7.400 69.00 1.000 1.000					
160.0 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
39 D 32.73 1.9144E-20 124.9 92.64 124.9 92.64 V-C 8.0586E+04 -7.600 71.00 1.000 1.000					
163.6 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
40 D 33.46 2.1496E-20 127.7 94.28 127.7 94.28 V-C 8.0586E+04 -7.800 73.00 1.000 1.000					
167.3 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
41 D 34.18 2.4034E-20 130.5 95.91 130.5 95.91 V-C 8.0586E+04 -8.000 75.00 1.000 1.000					
170.9 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
42 D 34.91 2.6732E-20 133.2 97.54 133.2 97.54 V-C 8.0586E+04 -8.200 77.00 1.000 1.000					
174.5 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
43 D 35.63 2.9558E-20 136.4 99.17 136.4 99.17 V-C 8.0586E+04 -8.400 79.00 1.000 1.000					
178.2 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
44 D 36.36 3.2476E-20 138.7 100.8 138.7 100.8 V-C 8.0586E+04 -8.600 81.00 1.000 1.000					
181.8 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
45 D 37.08 3.5459E-20 141.8 102.4 141.8 102.4 V-C 8.0586E+04 -8.800 83.00 1.000 1.000					
185.4 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
46 D 37.81 3.8537E-20 144.5 104.0 144.5 104.0 V-C 8.0586E+04 -9.000 85.00 1.000 1.000					
189.0 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
47 D 38.53 4.1748E-20 147.5 105.7 147.5 105.7 V-C 8.0586E+04 -9.200 87.00 1.000 1.000					
192.7 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
48 D 39.26 4.5122E-20 149.8 107.3 149.8 107.3 V-C 8.0586E+04 -9.400 89.00 1.000 1.000					
196.3 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
49 D 39.98 4.8669E-20 152.8 108.9 152.8 108.9 V-C 8.0586E+04 -9.600 91.00 1.000 1.000					
199.9 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
50 D 40.71 5.2333E-20 155.5 110.5 155.5 110.5 V-C 8.0586E+04 -9.800 93.00 1.000 1.000					
203.5 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
51 D 41.43 5.6033E-20 158.1 112.2 158.1 112.2 V-C 8.0586E+04 -10.00 95.00 1.000 1.000					
207.2 0.000 0.000 Sabbialimosoghiaios2_235_220_L_					
52 D 42.16 5.9698E-20 160.7 113.8 160.7 113.8 V-C 1.0514E+05 -10.20 97.00 1.000 1.000					
210.8 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
53 D 42.88 6.3303E-20 163.7 115.4 163.7 115.4 V-C 1.0514E+05 -10.40 99.00 1.000 1.000					
214.4 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
54 D 43.61 6.6833E-20 166.0 117.1 166.0 117.1 V-C 1.0514E+05 -10.60 101.00 1.000 1.000					
218.1 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
55 D 44.34 7.0255E-20 168.9 118.7 168.9 118.7 V-C 1.0514E+05 -10.80 103.00 1.000 1.000					
221.7 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
56 D 45.06 7.3525E-20 171.5 120.3 171.5 120.3 V-C 1.0514E+05 -11.00 105.00 1.000 1.000					
225.3 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
57 D 45.79 7.6587E-20 174.4 121.9 174.4 121.9 V-C 1.0514E+05 -11.20 107.00 1.000 1.000					
228.9 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
58 D 46.51 7.9370E-20 176.7 123.6 176.7 123.6 V-C 1.0514E+05 -11.40 109.00 1.000 1.000					
232.6 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
59 D 47.24 8.1786E-20 179.5 125.2 179.5 125.2 V-C 1.0514E+05 -11.60 111.00 1.000 1.000					
236.2 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
60 D 47.97 8.3751E-20 182.1 126.8 182.1 126.8 V-C 1.0514E+05 -11.80 113.00 1.000 1.000					
239.8 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
61 D 48.69 8.5237E-20 184.7 128.5 184.7 128.5 V-C 1.0514E+05 -12.00 115.00 1.000 1.000					
243.5 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
62 D 49.42 8.6279E-20 187.2 130.1 187.2 130.1 V-C 1.0514E+05 -12.20 117.00 1.000 1.000					
247.1 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
63 D 50.15 8.6907E-20 190.0 131.7 190.0 131.7 V-C 1.0514E+05 -12.40 119.00 1.000 1.000					
250.7 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
64 D 50.88 8.7136E-20 192.3 133.4 192.3 133.4 V-C 1.0514E+05 -12.60 121.00 1.000 1.000					
254.4 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
65 D 51.60 8.6964E-20 195.1 135.0 195.1 135.0 V-C 1.0514E+05 -12.80 123.00 1.000 1.000					
258.0 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
66 D 52.33 8.6404E-20 197.7 136.7 197.7 136.7 V-C 1.0514E+05 -13.00 125.00 1.000 1.000					
261.7 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
67 D 53.06 8.5568E-20 200.4 138.3 200.4 138.3 V-C 1.0514E+05 -13.20 127.00 1.000 1.000					
265.3 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
68 D 53.79 8.4584E-20 202.7 140.0 202.7 140.0 V-C 1.0514E+05 -13.40 129.00 1.000 1.000					
269.0 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
69 D 54.52 8.3558E-20 205.5 141.6 205.5 141.6 V-C 1.0514E+05 -13.60 131.00 1.000 1.000					
272.6 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
70 D 55.25 8.2568E-20 208.0 143.3 208.0 143.3 V-C 1.0514E+05 -13.80 133.00 1.000 1.000					
276.3 0.000 0.000 sabbialimosoghiaios3_236_221_L_					
71 D 27.99 8.1610E-20 210.5 144.9 210.5 144.9 V-C 1.0514E+05 -14.00 135.00 1.000 1.000					
279.9 0.000 0.000 sabbialimosoghiaios3_236_221_L_					





GENERAL CONTRACTOR

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

Exe Time : 8 June 2018 11:37:27

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-5.73799E-18	5.73799E-18	5.52203E-29	1.14760E-18	
2-1.66476E-17	1.66476E-17	1.14760E-18	4.47711E-18	
3-2.69905E-17	2.69905E-17	4.47711E-18	9.87521E-18	
4-3.67661E-17	3.67661E-17	9.87521E-18	1.72284E-17	
5-4.59729E-17	4.59729E-17	1.72284E-17	2.64230E-17	
6-5.46081E-17	5.46081E-17	2.64230E-17	3.73446E-17	
7-6.26676E-17	6.26676E-17	3.73446E-17	4.98781E-17	
8-7.01452E-17	7.01452E-17	4.98781E-17	6.39072E-17	
9-9.20346E-17	9.20346E-17	6.39072E-17	8.23141E-17	
10-1.12014E-16	1.12014E-16	8.23141E-17	1.04717E-16	
11-1.30037E-16	1.30037E-16	1.04717E-16	1.30724E-16	
12-1.46042E-16	1.46042E-16	1.30724E-16	1.59933E-16	
13-1.59946E-16	1.59946E-16	1.59933E-16	1.91922E-16	
14-1.71647E-16	1.71647E-16	1.91922E-16	2.26251E-16	
15-1.81012E-16	1.81012E-16	2.26251E-16	2.62454E-16	
16-1.87880E-16	1.87880E-16	2.62454E-16	3.00030E-16	
17-1.92052E-16	1.92052E-16	3.00030E-16	3.38440E-16	
18-1.93294E-16	1.93294E-16	3.38440E-16	3.77099E-16	
19-1.91326E-16	1.91326E-16	3.77099E-16	4.15364E-16	
20-1.85821E-16	1.85821E-16	4.15364E-16	4.52528E-16	
21-1.76404E-16	1.76404E-16	4.52528E-16	4.87809E-16	
22-1.62642E-16	1.62642E-16	4.87809E-16	5.20338E-16	
23-1.44045E-16	1.44045E-16	5.20338E-16	5.49147E-16	
24-1.20060E-16	1.20060E-16	5.49147E-16	5.73159E-16	
25-9.00702E-17	9.00702E-17	5.73159E-16	5.91173E-16	
26-4.42187E-17	4.42187E-17	5.91173E-16	6.00016E-16	
27-3.54177E-15	3.54177E-15	6.00016E-16	1.30837E-15	
28 7.64463E-17	7.64463E-17	1.30837E-15	1.29308E-15	
29 1.53420E-16	1.53420E-16	1.29308E-15	1.26240E-15	
30 2.43080E-16	2.43080E-16	1.26240E-15	1.21378E-15	
31 3.46726E-16	3.46726E-16	1.21378E-15	1.14444E-15	
32-3.08697E-15	3.08697E-15	1.14444E-15	1.76183E-15	
33-2.95112E-15	2.95112E-15	1.76183E-15	2.35205E-15	
34-2.79692E-15	2.79692E-15	2.35205E-15	2.91144E-15	
35-2.62278E-15	2.62278E-15	2.91144E-15	3.43599E-15	
36-2.42709E-15	2.42709E-15	3.43599E-15	3.92141E-15	
37 1.34448E-15	1.34448E-15	3.92141E-15	3.65251E-15	
38 1.58816E-15	1.58816E-15	3.65251E-15	3.33488E-15	
39 1.85827E-15	1.85827E-15	3.33488E-15	2.96323E-15	
40 2.15635E-15	2.15635E-15	2.96323E-15	2.53196E-15	
41 2.48392E-15	2.48392E-15	2.53196E-15	2.03517E-15	
42 2.84236E-15	2.84236E-15	2.03517E-15	1.46670E-15	
43 3.23296E-15	3.23296E-15	1.46670E-15	8.20108E-16	
44-3.44858E-15	3.44858E-15	8.20108E-16	1.50982E-15	
45-2.99041E-15	2.99041E-15	1.50982E-15	2.10790E-15	
46-2.49716E-15	2.49716E-15	2.10790E-15	2.60733E-15	
47-1.96822E-15	1.96822E-15	2.60733E-15	3.00098E-15	
48 5.70221E-15	5.70221E-15	3.00098E-15	1.86054E-15	
49 6.30346E-15	6.30346E-15	1.86054E-15	5.99852E-16	
50 6.94085E-15	6.94085E-15	5.99852E-16	7.88318E-16	
51 5.08633E-16	5.08633E-16	7.88318E-16	8.90047E-16	
52 1.44655E-15	1.44655E-15	8.90047E-16	1.17934E-15	
53 2.42999E-15	2.42999E-15	1.17934E-15	1.66534E-15	
54 3.45752E-15	3.45752E-15	1.66534E-15	2.35685E-15	
55 4.52741E-15	4.52741E-15	2.35685E-15	3.26233E-15	
56 5.63764E-15	5.63764E-15	3.26233E-15	4.38985E-15	
57 6.78600E-15	6.78600E-15	4.38985E-15	5.74706E-15	
58 7.97009E-15	7.97009E-15	5.74706E-15	7.34107E-15	
59 2.08197E-15	2.08197E-15	7.34107E-15	7.75747E-15	
60-3.77550E-15	3.77550E-15	7.75747E-15	7.00237E-15	
61-2.49942E-15	2.49942E-15	7.00237E-15	6.50248E-15	
62-1.19765E-15	1.19765E-15	6.50248E-15	6.26295E-15	
63 1.27545E-16	1.27545E-16	6.26295E-15	6.28846E-15	
64 1.47411E-15	1.47411E-15	6.28846E-15	6.58329E-15	
65-1.13706E-14	1.13706E-14	6.58329E-15	4.30918E-15	
66-9.98621E-15	9.98621E-15	4.30918E-15	2.31193E-15	
67-8.58482E-15	8.58482E-15	2.31193E-15	5.94970E-16	
68-7.16718E-15	7.16718E-15	5.94970E-16	8.38466E-16	

GENERAL CONTRACTOR

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69 1.37164E-15-1.37164E-15 8.38466E-16-5.64138E-16  
70 2.82055E-15-2.82055E-15 5.64138E-16-1.89327E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1843E+06 RIMNOR=0.1109E-26  
RENORM=0.1487E+05 REMNOR=0.3373E-52 RATIO =0.2841 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.36 RMMAX =0.7757E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1843E+06 RDR =0.1000E-19  
RATIOT=0.2841 RATIOR= 0.000  
MAX UN= 22.07 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F  
MIN UN=-26.25 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1843E+06 RIMNOR=0.1109E-26  
RENORM= 280.0 REMNOR=0.2480E-19 RATIO =0.3898E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.36 RMMAX =0.7757E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1843E+06 RDR =0.1000E-19  
RATIOT=0.3898E-01 RATIOR= 0.000  
MAX UN= 10.06 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.1291 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1843E+06 RIMNOR=0.1109E-26  
RENORM= 62.90 REMNOR=0.2723E-19 RATIO =0.1847E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.36 RMMAX =0.7757E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1843E+06 RDR =0.1000E-19  
RATIOT=0.1847E-01 RATIOR= 0.000  
MAX UN= 6.140 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
MIN UN=-.6643 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1843E+06 RIMNOR=0.1109E-26  
RENORM=0.6307 REMNOR=0.2460E-19 RATIO =0.1850E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.36 RMMAX =0.7757E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1843E+06 RDR =0.1000E-19  
RATIOT=0.1850E-02 RATIOR= 0.000  
MAX UN=0.5759 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
MIN UN=-.1057 IEQ= 67 NODE 34 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1843E+06 RIMNOR=0.1109E-26  
RENORM=0.4731E-17 REMNOR=0.1797E-19 RATIO =0.5066E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 62.36 RMMAX =0.7757E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1843E+06 RDR =0.1000E-19  
RATIOT=0.5066E-11 RATIOR= 0.000  
MAX UN=0.5915E-09 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
MIN UN=-.8699E-09 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

GENERAL CONTRACTOR



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

Exe Time : 8 June 2018 11:37:27

New Project

SOLUTION REACHED USING 5 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	5.7994032E-03	-1.0437288E-03
2	5.5906574E-03	-1.0437288E-03
3	5.3819117E-03	-1.0437288E-03
4	5.1731659E-03	-1.0437288E-03
5	4.9644202E-03	-1.0437288E-03
6	4.7556746E-03	-1.0437267E-03
7	4.5469306E-03	-1.0437079E-03
8	4.3381949E-03	-1.0436366E-03
9	4.1294833E-03	-1.0434549E-03
10	3.9208226E-03	-1.0431288E-03
11	3.7122414E-03	-1.0426584E-03
12	3.5037690E-03	-1.0420403E-03
13	3.2954361E-03	-1.0412604E-03
14	3.0872777E-03	-1.0402886E-03
15	2.8793364E-03	-1.0390812E-03
16	2.6716647E-03	-1.0375810E-03
17	2.4643273E-03	-1.0357158E-03
18	2.2574074E-03	-1.0334003E-03
19	2.0510038E-03	-1.0305357E-03
20	1.8452372E-03	-1.0270093E-03
21	1.6402536E-03	-1.0226942E-03
22	1.4362255E-03	-1.0174050E-03
23	1.2333773E-03	-1.0108316E-03
24	1.0320088E-03	-1.0025190E-03
25	8.3252571E-04	-9.9186580E-04
26	6.3546851E-04	-9.7812244E-04
27	4.4154083E-04	-9.6043208E-04
28	2.5162484E-04	-9.3781893E-04
29	6.6817898E-05	-9.0913620E-04
30	-1.1159191E-04	-8.7388752E-04
31	-2.8232405E-04	-8.3244301E-04
32	-4.4419691E-04	-7.8542741E-04
33	-5.9617561E-04	-7.3363302E-04
34	-7.3739063E-04	-6.7794632E-04
35	-8.6716047E-04	-6.1935462E-04
36	-9.8501208E-04	-5.5895700E-04
37	-1.0906970E-03	-4.9787246E-04
38	-1.1841800E-03	-4.3708020E-04
39	-1.2656017E-03	-3.7737802E-04
40	-1.3352468E-03	-3.1940985E-04
41	-1.3935155E-03	-2.6368932E-04
42	-1.4408993E-03	-2.1061929E-04
43	-1.4779605E-03	-1.6050865E-04
44	-1.5053153E-03	-1.1358684E-04
45	-1.5236186E-03	-7.0016825E-05
46	-1.5335525E-03	-2.9905444E-05
47	-1.5358155E-03	6.6853266E-06
48	-1.5311148E-03	3.9730455E-05
49	-1.5201594E-03	6.9233813E-05
50	-1.5036557E-03	9.5221136E-05
51	-1.4823027E-03	1.1773441E-04
52	-1.4567894E-03	1.3682615E-04
53	-1.4277879E-03	1.5269477E-04
54	-1.3959049E-03	1.6568347E-04
55	-1.3616844E-03	1.7612478E-04
56	-1.3256033E-03	1.8434098E-04
57	-1.2880758E-03	1.9064028E-04
58	-1.2494556E-03	1.9531433E-04
59	-1.2100402E-03	1.9863620E-04
60	-1.1700744E-03	2.0085871E-04
61	-1.1297546E-03	2.0221297E-04
62	-1.0892332E-03	2.0290728E-04
63	-1.0486234E-03	2.0312617E-04
64	-1.0080038E-03	2.0302960E-04
65	-9.6742357E-04	2.0275234E-04
66	-9.2690761E-04	2.0240337E-04
67	-8.8646149E-04	2.0206547E-04
68	-8.4607695E-04	2.0179469E-04
69	-8.0573726E-04	2.0161918E-04
70	-7.6542301E-04	2.0153754E-04
71	-7.2511608E-04	2.0151814E-04









## GENERAL CONTRACTOR

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33 D	42.67	-5.9618E-04	15.24	209.0	75.08	224.3	UL-RL	2.5564E+04	-6.400	4.343	1.000	1.000
213.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	45.79	-7.3739E-04	17.51	222.5	77.52	241.3	UL-RL	2.5564E+04	-6.600	6.514	1.000	1.000
229.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	48.98	-8.6716E-04	19.77	236.2	79.96	258.4	UL-RL	2.5564E+04	-6.800	8.686	1.000	1.000
244.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	48.97	-9.8501E-04	22.04	234.0	82.40	259.2	UL-RL	2.5564E+04	-7.000	10.86	1.000	1.000
244.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	47.01	-1.0907E-03	24.31	222.0	84.84	249.9	UL-RL	2.5564E+04	-7.200	13.03	1.000	1.000
235.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	45.48	-1.1842E-03	26.58	212.2	87.28	242.5	UL-RL	2.5564E+04	-7.400	15.20	1.000	1.000
227.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	44.31	-1.2656E-03	28.85	204.2	89.72	236.5	UL-RL	2.5564E+04	-7.600	17.37	1.000	1.000
221.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	43.42	-1.3352E-03	31.12	197.5	92.16	231.7	UL-RL	2.5564E+04	-7.800	19.54	1.000	1.000
217.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	42.76	-1.3935E-03	33.39	192.1	94.60	227.7	UL-RL	2.5564E+04	-8.000	21.71	1.000	1.000
213.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	42.31	-1.4409E-03	35.65	187.7	97.04	224.5	UL-RL	2.5564E+04	-8.200	23.89	1.000	1.000
211.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	42.03	-1.4780E-03	37.92	184.1	99.48	221.9	UL-RL	2.5564E+04	-8.400	26.06	1.000	1.000
210.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	41.90	-1.5053E-03	40.19	181.3	101.9	219.8	UL-RL	2.5564E+04	-8.600	28.23	1.000	1.000
209.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	41.90	-1.5236E-03	42.46	179.1	104.4	218.0	UL-RL	2.5564E+04	-8.800	30.40	1.000	1.000
209.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	42.01	-1.5336E-03	44.73	177.5	106.8	216.7	UL-RL	2.5564E+04	-9.000	32.57	1.000	1.000
210.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	42.22	-1.5358E-03	47.00	176.4	109.2	215.6	UL-RL	2.5564E+04	-9.200	34.74	1.000	1.000
211.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	42.52	-1.5311E-03	49.27	175.7	111.7	214.8	UL-RL	2.5564E+04	-9.400	36.91	1.000	1.000
212.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	42.90	-1.5202E-03	51.53	175.4	114.1	214.3	UL-RL	2.5564E+04	-9.600	39.09	1.000	1.000
214.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	43.34	-1.5037E-03	53.80	175.4	116.6	213.9	UL-RL	2.5564E+04	-9.800	41.26	1.000	1.000
216.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	43.84	-1.4823E-03	56.07	175.8	119.0	213.7	UL-RL	2.5564E+04	-10.00	43.43	1.000	1.000
219.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	41.72	-1.4568E-03	58.34	163.0	121.4	213.6	UL-RL	3.4740E+04	-10.20	45.60	1.000	1.000
208.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	42.38	-1.4278E-03	60.61	164.1	123.9	213.7	UL-RL	3.4740E+04	-10.40	47.77	1.000	1.000
211.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	43.07	-1.3959E-03	62.88	165.4	126.3	213.9	UL-RL	3.4740E+04	-10.60	49.94	1.000	1.000
215.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	43.81	-1.3617E-03	65.15	166.9	128.8	214.2	UL-RL	3.4740E+04	-10.80	52.11	1.000	1.000
219.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	44.58	-1.3256E-03	67.41	168.6	131.2	214.7	UL-RL	3.4740E+04	-11.00	54.29	1.000	1.000
222.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	45.37	-1.2881E-03	69.68	170.4	133.6	215.2	UL-RL	3.4740E+04	-11.20	56.46	1.000	1.000
226.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	46.19	-1.2495E-03	71.95	172.3	136.1	215.7	UL-RL	3.4740E+04	-11.40	58.63	1.000	1.000
231.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	47.03	-1.2100E-03	74.22	174.4	138.5	216.4	UL-RL	3.4740E+04	-11.60	60.80	1.000	1.000
235.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	47.89	-1.1701E-03	76.49	176.5	141.0	217.1	UL-RL	3.4740E+04	-11.80	62.97	1.000	1.000
239.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	48.76	-1.1298E-03	78.76	178.7	143.4	217.9	UL-RL	3.4740E+04	-12.00	65.14	1.000	1.000
243.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	49.65	-1.0892E-03	81.03	180.9	145.8	218.8	UL-RL	3.4740E+04	-12.20	67.31	1.000	1.000
248.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	50.54	-1.0486E-03	83.29	183.2	148.3	219.7	UL-RL	3.4740E+04	-12.40	69.49	1.000	1.000
252.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	51.45	-1.0080E-03	85.56	185.6	150.7	220.6	UL-RL	3.4740E+04	-12.60	71.66	1.000	1.000
257.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	52.36	-9.6742E-04	87.83	188.0	153.2	221.6	UL-RL	3.4740E+04	-12.80	73.83	1.000	1.000
261.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	53.29	-9.2691E-04	90.10	190.4	155.6	222.6	UL-RL	3.4740E+04	-13.00	76.00	1.000	1.000
266.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	54.22	-8.8646E-04	92.37	192.9	158.0	223.7	UL-RL	3.4740E+04	-13.20	78.17	1.000	1.000
271.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	55.15	-8.4608E-04	94.64	195.4	160.5	224.8	UL-RL	3.4740E+04	-13.40	80.34	1.000	1.000
275.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	56.09	-8.0574E-04	96.91	198.0	162.9	226.0	UL-RL	3.4740E+04	-13.60	82.51	1.000	1.000
280.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	57.04	-7.6542E-04	99.17	200.5	165.4	227.1	UL-RL	3.4740E+04	-13.80	84.69	1.000	1.000
285.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	29.00	-7.2512E-04	101.4	203.1	167.8	228.3	UL-RL	3.4740E+04	-14.00	86.86	1.000	1.000
290.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									

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2653

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:37:27

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	2.78305E-10	-2.78305E-10	2.74554E-11	1.82240E-10
2	1.19144E-10	-1.19144E-10	-1.42180E-10	5.76108E-11
3	-4.40650E-10	4.40650E-10	-8.76810E-11	-9.83391E-12
4	2.76714E-10	-2.76714E-10	-4.47642E-12	6.01688E-11
5	6.67021E-02	-6.67021E-02	-1.97389E-11	1.33404E-02
6	0.45902	-0.45902	-1.33404E-02	0.10514
7	1.2063	-1.2063	-0.10514	0.34641
8	2.2842	-2.2842	-0.34641	0.80326
9	2.2842	-2.2842	-0.80326	1.2601
10	2.2842	-2.2842	-1.2601	1.7170
11	2.3869	-2.3869	-1.7170	2.1943
12	2.7341	-2.7341	-2.1943	2.7412
13	3.3357	-3.3357	-2.7412	3.4083
14	4.1182	-4.1182	-3.4083	4.2319
15	5.1477	-5.1477	-4.2319	5.2615
16	6.4003	-6.4003	-5.2615	6.5415
17	7.8506	-7.8506	-6.5415	8.1116
18	9.5193	-9.5193	-8.1116	10.016
19	11.421	-11.421	-10.016	12.300
20	13.535	-13.535	-12.300	15.007
21	17.287	-17.287	-15.007	18.464
22	23.343	-23.343	-18.464	23.133
23	31.689	-31.689	-23.133	29.470
24	42.365	-42.365	-29.470	37.944
25	55.410	-55.410	-37.944	49.025
26	69.478	-69.478	-49.025	62.921
27	86.278	-86.278	-62.921	80.177
28	105.77	-105.77	-80.177	101.33
29	101.98	-101.98	-101.33	121.73
30	94.055	-94.055	-121.73	140.54
31	82.224	-82.224	-140.54	156.98
32	68.972	-68.972	-156.98	170.78
33	54.182	-54.182	-170.78	181.61
34	37.732	-37.732	-181.61	189.16
35	19.408	-19.408	-189.16	193.04
36	2.3364	-2.3364	-193.04	193.51
37	-11.594	11.594	-193.51	191.19
38	-22.896	22.896	-191.19	186.61
39	-31.969	31.969	-186.61	180.22
40	-39.147	39.147	-180.22	172.39
41	-44.716	44.716	-172.39	163.44
42	-48.920	48.920	-163.44	153.66
43	-51.975	51.975	-153.66	143.26
44	-54.070	54.070	-143.26	132.45
45	-55.370	55.370	-132.45	121.38
46	-56.024	56.024	-121.38	110.17
47	-56.162	56.162	-110.17	98.940
48	-55.901	55.901	-98.940	87.760
49	-55.344	55.344	-87.760	76.691
50	-54.581	54.581	-76.691	65.775
51	-53.691	53.691	-65.775	55.036
52	-48.250	48.250	-55.036	45.387
53	-42.900	42.900	-45.387	36.807
54	-37.700	37.700	-36.807	29.267
55	-32.703	32.703	-29.267	22.726
56	-27.949	27.949	-22.726	17.136
57	-23.474	23.474	-17.136	12.441
58	-19.309	19.309	-12.441	8.5797
59	-15.476	15.476	-8.5797	5.4845
60	-11.996	11.996	-5.4845	3.0853
61	-8.8852	8.8852	-3.0853	1.3083
62	-6.1574	6.1574	-1.3083	7.68192E-02
63	-3.8237	3.8237	-7.68192E-02	-0.68792
64	-1.8935	1.8935	0.68792	-1.0666
65	-0.37497	0.37497	1.0666	-1.1416
66	0.72477	-0.72477	1.1416	-0.99667
67	1.3992	-1.3992	0.99667	-0.71683
68	1.6150	-1.6150	0.71683	-0.39382

GENERAL CONTRACTOR



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69 1.3551 -1.3551 0.39382 -0.12280  
 70 0.61395 -0.61395 0.12280 -5.05551E-12

ITER 0 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.3904E+06 RIMNOR=0.1087E+07  
 RENORM=0.4731E-17 REMNOR=0.1797E-19 RATIO =0.3481E-11 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 105.8 RMMAX = 193.5  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.3904E+06 RDR =0.1087E+07  
 RATIO=0.3481E-11 RATIO= 0.000  
 MAX UN=0.5915E-09 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
 MIN UN=-.8699E-09 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.3904E+06 RIMNOR=0.1087E+07  
 RENORM=0.9708E-17 REMNOR=0.2404E-19 RATIO =0.4987E-11 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 105.8 RMMAX = 193.5  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.3904E+06 RDR =0.1087E+07  
 RATIO=0.4987E-11 RATIO= 0.000  
 MAX UN=0.1571E-08 IEQ= 9 NODE 5 DOF 1 Y-DISPL.F  
 MIN UN=-.1384E-08 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.3904E+06 RIMNOR=0.1087E+07  
 RENORM=0.4601E-17 REMNOR=0.1762E-19 RATIO =0.3433E-11 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 105.8 RMMAX = 193.5  
 RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
 RDT =0.3904E+06 RDR =0.1087E+07  
 RATIO=0.3433E-11 RATIO= 0.000  
 MAX UN=0.6861E-09 IEQ= 9 NODE 5 DOF 1 Y-DISPL.F  
 MIN UN=-.9026E-09 IEQ= 7 NODE 4 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:37:27

New Project  
SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	5.7994032E-03	-1.0437288E-03	
2	5.5906574E-03	-1.0437288E-03	
3	5.3819117E-03	-1.0437288E-03	
4	5.1731659E-03	-1.0437288E-03	
5	4.9644202E-03	-1.0437288E-03	
6	4.7556746E-03	-1.0437267E-03	
7	4.5469306E-03	-1.0437079E-03	
8	4.3381949E-03	-1.0436366E-03	
9	4.1294833E-03	-1.0434549E-03	
10	3.9208226E-03	-1.0431288E-03	
11	3.7122414E-03	-1.0426584E-03	
12	3.5037690E-03	-1.0420403E-03	
13	3.2954361E-03	-1.0412604E-03	
14	3.0872777E-03	-1.0402886E-03	
15	2.8793364E-03	-1.0390812E-03	
16	2.6716647E-03	-1.0375810E-03	
17	2.4643273E-03	-1.0357158E-03	
18	2.2574074E-03	-1.0334003E-03	
19	2.0510038E-03	-1.0305357E-03	
20	1.8452372E-03	-1.0270093E-03	
21	1.6402536E-03	-1.0226942E-03	
22	1.4362255E-03	-1.0174050E-03	
23	1.2333773E-03	-1.0108316E-03	
24	1.0320088E-03	-1.0025190E-03	
25	8.3252571E-04	-9.9186580E-04	
26	6.3546851E-04	-9.7812244E-04	
27	4.4154083E-04	-9.6043208E-04	
28	2.5162484E-04	-9.3781893E-04	
29	6.6817898E-05	-9.0913620E-04	
30	-1.1159191E-04	-8.7388752E-04	
31	-2.8232405E-04	-8.3244301E-04	
32	-4.4419691E-04	-7.8542741E-04	
33	-5.9617561E-04	-7.3363302E-04	
34	-7.3739063E-04	-6.7794632E-04	
35	-8.6716047E-04	-6.1935462E-04	
36	-9.8501208E-04	-5.5895700E-04	
37	-1.0906970E-03	-4.9787246E-04	
38	-1.1841800E-03	-4.3708020E-04	
39	-1.2656017E-03	-3.7737802E-04	
40	-1.3352468E-03	-3.1940985E-04	
41	-1.3935155E-03	-2.6368932E-04	
42	-1.4408993E-03	-2.1061929E-04	
43	-1.4779605E-03	-1.6050865E-04	
44	-1.5053153E-03	-1.1358684E-04	
45	-1.5236186E-03	-7.0016825E-05	
46	-1.5335525E-03	-2.9905444E-05	
47	-1.5358155E-03	6.6853266E-06	
48	-1.5311148E-03	3.9730455E-05	
49	-1.5201594E-03	6.9233813E-05	
50	-1.5036557E-03	9.5221136E-05	
51	-1.4823027E-03	1.1773441E-04	
52	-1.4567894E-03	1.3682615E-04	
53	-1.4277879E-03	1.5269477E-04	
54	-1.3959049E-03	1.6568347E-04	
55	-1.3616844E-03	1.7612478E-04	
56	-1.3256033E-03	1.8434098E-04	
57	-1.2880758E-03	1.9064028E-04	
58	-1.2494556E-03	1.9531433E-04	
59	-1.2100402E-03	1.9863620E-04	
60	-1.1700744E-03	2.0085871E-04	
61	-1.1297546E-03	2.0221297E-04	
62	-1.0892332E-03	2.0290728E-04	
63	-1.0486234E-03	2.0312617E-04	
64	-1.0080038E-03	2.0302960E-04	
65	-9.6742357E-04	2.0275234E-04	
66	-9.2690761E-04	2.0240337E-04	
67	-8.8646149E-04	2.0206547E-04	
68	-8.4607695E-04	2.0179469E-04	
69	-8.0573726E-04	2.0161918E-04	
70	-7.6542301E-04	2.0153754E-04	
71	-7.2511608E-04	2.0151814E-04	



Doc. N.

Progetto  
INOR

Lotto  
11

Codifica Documento  
E E2 CL GA 160 1 002

Rev.  
A

Foglio  
1264 di  
2653

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection.28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:37:27

New Project

STRESS RESULTS FOR GROUP NO. 1

0\_L :  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 3.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1 D	0.000	-5.7994E-03	1.680	0.000	1.680	0.000	ACTIVE	0.000	0.000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
2 D	0.000	-5.5907E-03	4.646	0.000	4.646	7.478	ACTIVE	0.000	-0.2000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
3 D	0.000	-5.3819E-03	8.541	0.000	8.541	13.34	ACTIVE	0.000	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
4 D	0.000	-5.1732E-03	12.70	0.000	12.70	18.43	ACTIVE	0.000	-0.6000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
5 D	6.6702E-02	-4.9644E-03	17.20	0.3335	17.20	22.90	ACTIVE	0.000	-0.8000	0.000	1.000	1.000
0.3335	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
6 D	0.3923	-4.7557E-03	21.53	1.962	21.53	26.85	ACTIVE	0.000	-1.000	0.000	1.000	1.000
1.962	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
7 D	0.7473	-4.5469E-03	26.25	3.736	26.25	30.37	ACTIVE	0.000	-1.200	0.000	1.000	1.000
3.736	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
8 D	1.078	-4.3382E-03	30.64	5.390	30.64	33.53	ACTIVE	0.000	-1.400	0.000	1.000	1.000
5.390	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
9 D	0.000	-4.1295E-03	35.84	0.000	35.84	43.70	ACTIVE	0.000	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
10 D	0.000	-3.9208E-03	41.74	0.000	41.74	47.84	ACTIVE	0.000	-1.800	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
11 D	0.1027	-3.7122E-03	46.68	0.5134	46.68	51.80	ACTIVE	0.000	-2.000	0.000	1.000	1.000
0.5134	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
12 D	0.3472	-3.5038E-03	52.64	1.736	52.64	55.60	ACTIVE	0.000	-2.200	0.000	1.000	1.000
1.736	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
13 D	0.6016	-3.2954E-03	58.85	3.008	58.85	59.27	ACTIVE	0.000	-2.400	0.000	1.000	1.000
3.008	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
14 D	0.7825	-3.0873E-03	63.26	3.913	63.26	62.85	ACTIVE	0.000	-2.600	0.000	1.000	1.000
3.913	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
15 D	1.029	-2.8793E-03	69.28	5.147	69.28	66.33	ACTIVE	0.000	-2.800	0.000	1.000	1.000
5.147	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
16 D	1.253	-2.6717E-03	74.72	6.263	74.72	69.75	ACTIVE	0.000	-3.000	0.000	1.000	1.000
6.263	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
17 D	1.450	-2.4643E-03	79.54	7.251	79.54	73.10	ACTIVE	0.000	-3.200	0.000	1.000	1.000
7.251	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
18 D	1.669	-2.2574E-03	84.87	8.344	84.87	76.40	ACTIVE	0.000	-3.400	0.000	1.000	1.000
8.344	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
19 D	1.902	-2.0510E-03	90.56	9.509	90.56	79.66	ACTIVE	0.000	-3.600	0.000	1.000	1.000
9.509	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
20 D	2.114	-1.8452E-03	95.72	10.57	95.72	82.87	ACTIVE	0.000	-3.800	0.000	1.000	1.000
10.57	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
21 D	3.752	-1.6403E-03	100.5	18.76	100.5	86.05	UL-RL	4.1025E+04	-4.000	0.000	1.000	1.000
18.76	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
22 D	6.056	-1.4362E-03	105.5	30.28	105.5	89.20	UL-RL	4.1025E+04	-4.200	0.000	1.000	1.000
30.28	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
23 D	8.346	-1.2334E-03	111.0	41.73	111.0	92.33	UL-RL	4.1025E+04	-4.400	0.000	1.000	1.000
41.73	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
24 D	10.68	-1.0320E-03	114.5	52.47	114.5	94.81	UL-RL	4.1025E+04	-4.600	0.9143	1.000	1.000
53.38	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
25 D	13.04	-8.3253E-04	118.3	62.48	118.3	96.63	UL-RL	4.1025E+04	-4.800	2.743	1.000	1.000
65.22	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
26 D	14.07	-6.3547E-04	121.5	65.77	121.5	98.45	UL-RL	5.1419E+04	-5.000	4.571	1.000	1.000
70.34	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
27 D	16.80	-4.4154E-04	124.7	77.60	124.7	100.3	UL-RL	5.1419E+04	-5.200	6.400	1.000	1.000
84.00	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
28 D	19.49	-2.5162E-04	128.0	89.21	128.0	102.1	UL-RL	5.1419E+04	-5.400	8.229	1.000	1.000
97.44	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
29 D	21.37	-6.6818E-05	131.7	96.81	131.7	106.5	UL-RL	5.1419E+04	-5.600	10.06	1.000	1.000
106.9	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
30 D	23.09	1.1159E-04	134.9	103.6	134.9	111.1	UL-RL	5.1419E+04	-5.800	11.89	1.000	1.000
115.5	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
31 D	24.75	2.8232E-04	138.1	110.0	138.1	115.6	UL-RL	5.1419E+04	-6.000	13.71	1.000	1.000
123.8	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
32 D	26.35	4.4420E-04	141.2	116.2	141.2	120.1	UL-RL	5.1419E+04	-6.200	15.54	1.000	1.000
131.7	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						



## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



Doc. N.	Progetto INOR	Lotto 11	Codifica Documento E E2 CL GA 160 1 002	Rev. A	Foglio 1265 di 2653
33 D	27.88	5.9618E-04	144.8 122.0 144.8	124.4	UL-RL 5.1419E+04 -6.400 17.37 1.000 1.000
139.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	29.34	7.3739E-04	147.4 127.5 147.4	128.5	UL-RL 5.1419E+04 -6.600 19.20 1.000 1.000
146.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	30.65	8.6716E-04	151.0 132.2 151.0	132.8	UL-RL 5.1419E+04 -6.800 21.03 1.000 1.000
153.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	31.90	9.8501E-04	154.0 136.7 154.0	136.8	UL-RL 5.1419E+04 -7.000 22.86 1.000 1.000
159.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	33.08	1.0907E-03	157.0 140.7 157.0	140.7	V-C 2.0513E+04 -7.200 24.69 1.000 1.000
165.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	34.18	1.1842E-03	160.0 144.4 160.0	144.4	V-C 2.0513E+04 -7.400 26.51 1.000 1.000
170.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	35.23	1.2656E-03	163.4 147.8 163.4	147.8	V-C 2.0513E+04 -7.600 28.34 1.000 1.000
176.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	36.24	1.3352E-03	166.4 151.0 166.4	151.0	V-C 2.0513E+04 -7.800 30.17 1.000 1.000
181.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	37.20	1.3935E-03	169.3 154.0 169.3	154.0	V-C 2.0513E+04 -8.000 32.00 1.000 1.000
186.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	38.11	1.4409E-03	172.2 156.7 172.2	156.7	V-C 2.0513E+04 -8.200 33.83 1.000 1.000
190.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	38.98	1.4780E-03	175.5 159.2 175.5	159.2	V-C 2.0513E+04 -8.400 35.66 1.000 1.000
194.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	39.81	1.5053E-03	178.0 161.6 178.0	161.6	V-C 2.0513E+04 -8.600 37.49 1.000 1.000
199.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	40.60	1.5236E-03	181.3 163.7 181.3	163.7	V-C 2.0513E+04 -8.800 39.31 1.000 1.000
203.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	41.36	1.5336E-03	184.1 165.6 184.1	165.6	V-C 2.0513E+04 -9.000 41.14 1.000 1.000
206.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	42.08	1.5358E-03	187.3 167.4 187.3	167.4	V-C 2.0513E+04 -9.200 42.97 1.000 1.000
210.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	42.78	1.5311E-03	189.8 169.1 189.8	169.1	V-C 2.0513E+04 -9.400 44.80 1.000 1.000
213.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	43.45	1.5202E-03	193.0 170.6 193.0	170.6	V-C 2.0513E+04 -9.600 46.63 1.000 1.000
217.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	44.10	1.5037E-03	195.8 172.1 195.8	172.1	V-C 2.0513E+04 -9.800 48.46 1.000 1.000
220.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	44.73	1.4823E-03	198.6 173.4 198.6	173.4	V-C 2.0513E+04 -10.00 50.29 1.000 1.000
223.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	47.16	1.4568E-03	201.4 183.7 201.4	183.7	V-C 2.6763E+04 -10.20 52.11 1.000 1.000
235.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	47.73	1.4278E-03	204.5 184.7 204.5	184.7	V-C 2.6763E+04 -10.40 53.94 1.000 1.000
238.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	48.27	1.3959E-03	207.0 185.6 207.0	185.6	V-C 2.6763E+04 -10.60 55.77 1.000 1.000
241.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	48.81	1.3617E-03	210.1 186.4 210.1	186.4	V-C 2.6763E+04 -10.80 57.60 1.000 1.000
244.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	49.33	1.3256E-03	212.9 187.2 212.9	187.2	V-C 2.6763E+04 -11.00 59.43 1.000 1.000
246.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	49.85	1.2881E-03	215.9 188.0 215.9	188.0	V-C 2.6763E+04 -11.20 61.26 1.000 1.000
249.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	50.36	1.2495E-03	218.4 188.7 218.4	188.7	V-C 2.6763E+04 -11.40 63.09 1.000 1.000
251.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	50.87	1.2100E-03	221.4 189.4 221.4	189.4	V-C 2.6763E+04 -11.60 64.91 1.000 1.000
254.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	51.37	1.1701E-03	224.1 190.1 224.1	190.1	V-C 2.6763E+04 -11.80 66.74 1.000 1.000
256.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	51.87	1.1298E-03	226.9 190.8 226.9	190.8	V-C 2.6763E+04 -12.00 68.57 1.000 1.000
259.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	52.38	1.0892E-03	229.6 191.5 229.6	191.5	V-C 2.6763E+04 -12.20 70.40 1.000 1.000
261.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	52.88	1.0486E-03	232.6 192.2 232.6	192.2	V-C 2.6763E+04 -12.40 72.23 1.000 1.000
264.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	53.38	1.0080E-03	235.1 192.8 235.1	192.8	V-C 2.6763E+04 -12.60 74.06 1.000 1.000
266.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	53.88	9.6742E-04	238.0 193.5 238.0	193.5	V-C 2.6763E+04 -12.80 75.89 1.000 1.000
269.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	54.39	9.2691E-04	240.7 194.2 240.7	194.2	V-C 2.6763E+04 -13.00 77.71 1.000 1.000
271.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	54.89	8.8646E-04	243.7 194.9 243.7	194.9	V-C 2.6763E+04 -13.20 79.54 1.000 1.000
274.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	55.37	8.4608E-04	246.2 195.5 246.2	195.7	UL-RL 6.6907E+04 -13.40 81.37 1.000 1.000
276.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	55.83	8.0574E-04	249.1 196.0 249.1	196.5	UL-RL 6.6907E+04 -13.60 83.20 1.000 1.000
279.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	56.30	7.6542E-04	251.8 196.5 251.8	197.3	UL-RL 6.6907E+04 -13.80 85.03 1.000 1.000
281.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	28.38	7.2512E-04	254.5 197.0 254.5	198.2	UL-RL 6.6907E+04 -14.00 86.86 1.000 1.000
283.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		





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Exe Time : 8 June 2018 11:37:27

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.75392E-10	-1.75392E-10	1.78501E-11	1.71263E-10
2	-4.35260E-12	4.35260E-12	-1.54529E-10	4.52612E-11
3	-5.02398E-10	5.02398E-10	-9.59141E-11	-1.39505E-11
4	4.00210E-10	-4.00210E-10	3.75667E-12	7.66349E-11
5	6.67021E-02	-6.67021E-02	-6.50209E-11	1.33404E-02
6	0.45902	-0.45902	-1.33404E-02	0.10514
7	1.2063	-1.2063	-0.10514	0.34641
8	2.2842	-2.2842	-0.34641	0.80326
9	2.2842	-2.2842	-0.80326	1.2601
10	2.2842	-2.2842	-1.2601	1.7170
11	2.3869	-2.3869	-1.7170	2.1943
12	2.7341	-2.7341	-2.1943	2.7412
13	3.3357	-3.3357	-2.7412	3.4083
14	4.1182	-4.1182	-3.4083	4.2319
15	5.1477	-5.1477	-4.2319	5.2615
16	6.4003	-6.4003	-5.2615	6.5415
17	7.8506	-7.8506	-6.5415	8.1116
18	9.5193	-9.5193	-8.1116	10.016
19	11.421	-11.421	-10.016	12.300
20	13.535	-13.535	-12.300	15.007
21	17.287	-17.287	-15.007	18.464
22	23.343	-23.343	-18.464	23.133
23	31.689	-31.689	-23.133	29.470
24	42.365	-42.365	-29.470	37.944
25	55.410	-55.410	-37.944	49.025
26	69.478	-69.478	-49.025	62.921
27	86.278	-86.278	-62.921	80.177
28	105.77	-105.77	-80.177	101.33
29	101.98	-101.98	-101.33	121.73
30	94.055	-94.055	-121.73	140.54
31	82.224	-82.224	-140.54	156.98
32	68.972	-68.972	-156.98	170.78
33	54.182	-54.182	-170.78	181.61
34	37.732	-37.732	-181.61	189.16
35	19.408	-19.408	-189.16	193.04
36	2.3364	-2.3364	-193.04	193.51
37	-11.594	11.594	-193.51	191.19
38	-22.896	22.896	-191.19	186.61
39	-31.969	31.969	-186.61	180.22
40	-39.147	39.147	-180.22	172.39
41	-44.716	44.716	-172.39	163.44
42	-48.920	48.920	-163.44	153.66
43	-51.975	51.975	-153.66	143.26
44	-54.070	54.070	-143.26	132.45
45	-55.370	55.370	-132.45	121.38
46	-56.024	56.024	-121.38	110.17
47	-56.162	56.162	-110.17	98.940
48	-55.901	55.901	-98.940	87.760
49	-55.344	55.344	-87.760	76.691
50	-54.581	54.581	-76.691	65.775
51	-53.691	53.691	-65.775	55.036
52	-48.250	48.250	-55.036	45.387
53	-42.900	42.900	-45.387	36.807
54	-37.700	37.700	-36.807	29.267
55	-32.703	32.703	-29.267	22.726
56	-27.949	27.949	-22.726	17.136
57	-23.474	23.474	-17.136	12.441
58	-19.309	19.309	-12.441	8.5797
59	-15.476	15.476	-8.5797	5.4845
60	-11.996	11.996	-5.4845	3.0853
61	-8.8852	8.8852	-3.0853	1.3083
62	-6.1574	6.1574	-1.3083	7.68192E-02
63	-3.8237	3.8237	-7.68192E-02	-0.68792
64	-1.8935	1.8935	0.68792	-1.0666
65	-0.37497	0.37497	1.0666	-1.1416
66	0.72477	-0.72477	1.1416	-0.99667
67	1.3992	-1.3992	0.99667	-0.71683
68	1.6150	-1.6150	0.71683	-0.39382

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69	1.3551	-1.3551	0.39382	-0.12280
70	0.61395	-0.61395	0.12280	1.64692E-12

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	5
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.19 [sec]

DATABASE CREATION CPU TIME..... 0.11 [sec]

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### Design Assumption : A2+M2+R1 - File di Paratie - File di output (.out)

```

-----
PARATIEPLUS(TM)  NLS ENGINE RELEASE  2018.0  FULL VERSION  *Build date:Nov 13, 2017*
NewProject.BaseDesignSection_28.A2M2R1_3805
Exe Time : 8 June 2018      11:37:27
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```

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE  2018.0      *Build date:Nov 13, 2017*
*
* Ce.A.S.      S.R.L  CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129  M I L A N O  (ITALIA)
* TEL.      +39 02 2020221
*
* email      bruno.becci@ceas.it
* Web Page   www.ceas.it      www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.A2M2R1\_3805

STARTING

```

ACCEPTED <<FILE,GENW                                >>
ACCEPTED <<FILE,PLOTTER,BINARY                       >>
ACCEPTED <<SOLVE TOTAL_STRESS                        >>
ACCEPTED <<PARAM ITEMAX 40                           >>
ACCEPTED <<CONTROL HINGES 0 0.0001 0.001             >>

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	71
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	142
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	321
NO. OF LONG NAMES (LASTNAME) .....	16
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	



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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 321

```
1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -14 0 1
7 : SOIL 0_L LeftWall_32 -14 0 1 0
8 : SOIL 0_R LeftWall_32 -14 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : LDATA sabbialimosoghiaiosal_236_221_L_0 -10 LeftWall_32
31 : ATREST 0.76 2 1
32 : WEIGHT 21.4 12.2 10
33 : PERMEABILITY 1E-05
34 : RESISTANCE 30 36 0 0 0
35 : YOUNG 1E+05 2.5E+05
36 : ENDL
37 : MATERIAL Fe360_108 2.06E+08
38 : MATERIAL C2530_104 3.148E+07
39 : BEAM WallElement_33 LeftWall_32 -14 0 C2530_104 0.6225 00 00 0
40 : STRIP LeftWall_32 1 3 1.5 28.5 0 26 45
41 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
42 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
43 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
44 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
45 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
46 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
47 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
48 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
49 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
50 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
51 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
52 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
53 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
54 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
55 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
56 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45
```

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78 : STRIP LeftWall\_32 1 1 14.8 0.4 0 50.4 45  
79 : STRIP LeftWall\_32 1 1 15.2 0.4 0 50.4 45  
80 : STRIP LeftWall\_32 1 1 15.6 0.4 0 50.4 45  
81 : STRIP LeftWall\_32 1 1 16.0 0.4 0 50.4 45  
82 : STRIP LeftWall\_32 1 1 16.4 0.4 0 50.4 45  
83 : STRIP LeftWall\_32 1 1 16.8 0.4 0 50.4 45  
84 : STRIP LeftWall\_32 1 1 17.2 0.4 0 50.4 45  
85 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
86 : STRIP LeftWall\_32 1 1 18.0 0.4 0 50.4 45  
87 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
88 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
89 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
90 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
91 : STRIP LeftWall\_32 1 1 20.0 0.4 0 50.4 45  
92 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
93 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
94 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
95 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
96 : STRIP LeftWall\_32 1 1 22.0 0.4 0 50.4 45  
97 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
98 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
99 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
100 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
101 : STRIP LeftWall\_32 1 1 24.0 0.4 0 50.4 45  
102 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
103 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
104 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
105 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
106 : STRIP LeftWall\_32 1 1 26.0 0.4 0 50.4 45  
107 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
108 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
109 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
110 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
111 : STRIP LeftWall\_32 1 1 28.0 0.4 0 50.4 45  
112 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
113 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
114 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
115 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
116 : STRIP LeftWall\_32 2 2 0.4 0.4 0 1.68 45  
117 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
118 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
119 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
120 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
121 : STRIP LeftWall\_32 2 2 2.0 0.4 0 18.48 45  
122 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
123 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
124 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
125 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
126 : STRIP LeftWall\_32 2 2 4.0 0.4 0 35.28 45  
127 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
128 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
129 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
130 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
131 : STRIP LeftWall\_32 2 2 6.0 0.4 0 50.4 45  
132 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
133 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
134 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
135 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
136 : STRIP LeftWall\_32 2 2 8.0 0.4 0 50.4 45  
137 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
138 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
139 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
140 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
141 : STRIP LeftWall\_32 2 2 10.0 0.4 0 50.4 45  
142 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
143 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
144 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
145 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
146 : STRIP LeftWall\_32 2 2 12.0 0.4 0 50.4 45  
147 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
148 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
149 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
150 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
151 : STRIP LeftWall\_32 2 2 14.0 0.4 0 50.4 45  
152 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
153 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
154 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
155 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
156 : STRIP LeftWall\_32 2 2 16.0 0.4 0 50.4 45  
157 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
158 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
159 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
160 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
161 : STRIP LeftWall\_32 2 2 18.0 0.4 0 50.4 45  
162 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
163 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
164 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
165 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
166 : STRIP LeftWall\_32 2 2 20.0 0.4 0 50.4 45  
167 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 26 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 185 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 186 : STRIP LeftWall\_32 2 2 28 0.4 0 50.4 45  
 187 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 188 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 189 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 190 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 191 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 192 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 193 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 194 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 195 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 196 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 197 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 198 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 199 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 200 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 201 : STRIP LeftWall\_32 3 3 4 0.4 0 35.28 45  
 202 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 203 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 204 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 205 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 206 : STRIP LeftWall\_32 3 3 6 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 208 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 209 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 210 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 214 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 215 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 216 : STRIP LeftWall\_32 3 3 10 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 12 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 14 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 16 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 20 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 22 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 259 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 260 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 261 : STRIP LeftWall\_32 3 3 28 0.4 0 50.4 45  
 262 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 263 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 264 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45  
 265 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 266 : STEP Stage1\_31  
 267 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=18.76 LeftWall\_32  
 268 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=18.76 LeftWall\_32  
 269 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.449 LeftWall\_32  
 270 : CHANGE Riporto\_2\_8\_L\_0 U-KP=2.415 LeftWall\_32  
 271 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.449 LeftWall\_32  
 272 : CHANGE Riporto\_2\_8\_L\_0 D-KP=2.415 LeftWall\_32  
 273 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=31.08 LeftWall\_32  
 274 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=31.08 LeftWall\_32  
 275 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.267 LeftWall\_32  
 276 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=4.957 LeftWall\_32  
 277 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.267 LeftWall\_32  
 278 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=4.957 LeftWall\_32  
 279 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=31.08 LeftWall\_32  
 280 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=31.08 LeftWall\_32  
 281 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.267 LeftWall\_32  
 282 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=4.957 LeftWall\_32  
 283 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.267 LeftWall\_32  
 284 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=4.957 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-FRICT=30.17 LeftWall\_32  
 286 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-FRICT=30.17 LeftWall\_32  
 287 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KA=0.278 LeftWall\_32  
 288 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KP=4.67 LeftWall\_32  
 289 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KA=0.278 LeftWall\_32  
 290 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KP=4.67 LeftWall\_32  
 291 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=4 LeftWall\_32  
 292 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 293 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=4 LeftWall\_32  
 294 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 295 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=8 LeftWall\_32  
 296 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 297 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=8 LeftWall\_32  
 298 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 299 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=16 LeftWall\_32  
 300 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 301 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=16 LeftWall\_32  
 302 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 303 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-COHE=24 LeftWall\_32  
 304 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
 305 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-COHE=24 LeftWall\_32  
 306 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
 307 : SETWALL LeftWall\_32  
 308 : GEOM 0 0  
 309 : WATER -0.5 0 -14 0 0  
 310 : ADD WallElement\_33  
 311 : ENDSTEP  
 312 : STEP Stage2\_446  
 313 : SETWALL LeftWall\_32  
 314 : GEOM 0 -5.5  
 315 : WATER -4.5 1.5 -14 0 0  
 316 : ENDSTEP  
 317 : STEP Stage3\_549  
 318 : SETWALL LeftWall\_32  
 319 : GEOM 0 -5.5  
 320 : WATER -4.5 1.5 -14 0 0  
 321 : ENDSTEP

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD /
1	0.0000	0.0000 /	2	0.0000 -0.20000 /	3	0.0000 -0.40000 /	4	0.0000 -0.60000 /
5	0.0000	-0.80000 /	6	0.0000 -1.0000 /	7	0.0000 -1.2000 /	8	0.0000 -1.4000 /
9	0.0000	-1.6000 /	10	0.0000 -1.8000 /	11	0.0000 -2.0000 /	12	0.0000 -2.2000 /
13	0.0000	-2.4000 /	14	0.0000 -2.6000 /	15	0.0000 -2.8000 /	16	0.0000 -3.0000 /
17	0.0000	-3.2000 /	18	0.0000 -3.4000 /	19	0.0000 -3.6000 /	20	0.0000 -3.8000 /
21	0.0000	-4.0000 /	22	0.0000 -4.2000 /	23	0.0000 -4.4000 /	24	0.0000 -4.6000 /
25	0.0000	-4.8000 /	26	0.0000 -5.0000 /	27	0.0000 -5.2000 /	28	0.0000 -5.4000 /
29	0.0000	-5.6000 /	30	0.0000 -5.8000 /	31	0.0000 -6.0000 /	32	0.0000 -6.2000 /
33	0.0000	-6.4000 /	34	0.0000 -6.6000 /	35	0.0000 -6.8000 /	36	0.0000 -7.0000 /
37	0.0000	-7.2000 /	38	0.0000 -7.4000 /	39	0.0000 -7.6000 /	40	0.0000 -7.8000 /
41	0.0000	-8.0000 /	42	0.0000 -8.2000 /	43	0.0000 -8.4000 /	44	0.0000 -8.6000 /
45	0.0000	-8.8000 /	46	0.0000 -9.0000 /	47	0.0000 -9.2000 /	48	0.0000 -9.4000 /
49	0.0000	-9.6000 /	50	0.0000 -9.8000 /	51	0.0000 -10.000 /	52	0.0000 -10.200 /
53	0.0000	-10.400 /	54	0.0000 -10.600 /	55	0.0000 -10.800 /	56	0.0000 -11.000 /
57	0.0000	-11.200 /	58	0.0000 -11.400 /	59	0.0000 -11.600 /	60	0.0000 -11.800 /
61	0.0000	-12.000 /	62	0.0000 -12.200 /	63	0.0000 -12.400 /	64	0.0000 -12.600 /
65	0.0000	-12.800 /	66	0.0000 -13.000 /	67	0.0000 -13.200 /	68	0.0000 -13.400 /
69	0.0000	-13.600 /	70	0.0000 -13.800 /	71	0.0000 -14.000 /		



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ELEMENT GROUP NO. 1

0\_L :  
 5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....  
 .....2D PLASTIC SOIL .....  
 .....

element group behaviour throughout stage analysis

stage status  
 -----

1 active  
 2 active  
 3 active

material set no. 1

prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 3.00000

material set no. 4

prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 4.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000

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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000

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```

ELEMENT GROUP NO. 2

```

0_R
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage status
-----

```

```

1 active
2 active
3 active

```

material set no. 1

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 1.00000

```

material set no. 2

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 2.00000

```

material set no. 3

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 3.00000

```

material set no. 4

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 4.00000

```

element data

```

el n mat area ..... ..... ..... flag
-----

```

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000



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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33

2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100



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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2

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ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO.	1	NAME	&gt;= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO.	1	NAME	= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	= 4.6700	WALL NO.	1

## GENERAL CONTRACTOR



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1292 di  
2653

ITEM NO. 77&amp;lt;D-PERM &amp;gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1&lt;NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27&lt;U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52&lt;D-NATURE&gt;=	1.0000	(BOTH WALLS)	
ITEM NO.	53&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58&lt;D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58&lt;D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59&lt;D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59&lt;D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60&lt;D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61&lt;D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77&lt;D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1&lt;NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52&lt;D-NATURE&gt;=	1.0000	(BOTH WALLS)	
ITEM NO.	53&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58&lt;D-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	58&lt;D-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	59&lt;D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59&lt;D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60&lt;D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61&lt;D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1&lt;NAME	&gt;= 12.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= -5.0000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 0.18800E+06	(BOTH WALLS)	

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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2653

ITEM NO. 27<math>U-PERM <math>= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52<math>D-NATURE<math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 53<math>D-LEVEL <math>= 0.0000 (BOTH WALLS)  
 ITEM NO. 58<math>D-COHE <math>= 16.000 WALL NO. 1  
 ITEM NO. 58<math>D-COHE <math>= 20.000 WALL NO. 2  
 ITEM NO. 59<math>D-FRICT <math>= 31.080 WALL NO. 1  
 ITEM NO. 59<math>D-FRICT <math>= 37.000 WALL NO. 2  
 ITEM NO. 60<math>D-KA <math>= 0.26700 WALL NO. 1  
 ITEM NO. 61<math>D-KP <math>= 4.9570 WALL NO. 1  
 ITEM NO. 77<math>D-PERM <math>= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO. 1<math>NAME <math>= 13.000 (BOTH WALLS)  
 ITEM NO. 2<math>NATURE <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 3<math>LEVEL <math>= -10.000 (BOTH WALLS)  
 ITEM NO. 4<math>WALL <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 5<math>GAMMAD <math>= 21.400 (BOTH WALLS)  
 ITEM NO. 6<math>GAMMAB <math>= 12.200 (BOTH WALLS)  
 ITEM NO. 7<math>GAMMAW <math>= 10.000 (BOTH WALLS)  
 ITEM NO. 8<math>U-COHE <math>= 24.000 WALL NO. 1  
 ITEM NO. 8<math>U-COHE <math>= 30.000 WALL NO. 2  
 ITEM NO. 9<math>U-FRICT <math>= 30.170 WALL NO. 1  
 ITEM NO. 9<math>U-FRICT <math>= 36.000 WALL NO. 2  
 ITEM NO. 10<math>U-KA <math>= 0.27800 WALL NO. 1  
 ITEM NO. 11<math>U-KP <math>= 4.6700 WALL NO. 1  
 ITEM NO. 12<math>K0-NC <math>= 0.76000 (BOTH WALLS)  
 ITEM NO. 13<math>NEXP <math>= 2.0000 (BOTH WALLS)  
 ITEM NO. 14<math>OCR <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 16<math>MODEL <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 17<math>EVC <math>= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18<math>EUR <math>= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27<math>U-PERM <math>= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52<math>D-NATURE<math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 53<math>D-LEVEL <math>= 0.0000 (BOTH WALLS)  
 ITEM NO. 58<math>D-COHE <math>= 24.000 WALL NO. 1  
 ITEM NO. 58<math>D-COHE <math>= 30.000 WALL NO. 2  
 ITEM NO. 59<math>D-FRICT <math>= 30.170 WALL NO. 1  
 ITEM NO. 59<math>D-FRICT <math>= 36.000 WALL NO. 2  
 ITEM NO. 60<math>D-KA <math>= 0.27800 WALL NO. 1  
 ITEM NO. 61<math>D-KP <math>= 4.6700 WALL NO. 1  
 ITEM NO. 77<math>D-PERM <math>= 0.10000E-04 (BOTH WALLS)

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 12 VALUES



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PARATIEPLUS(TM)  NLS ENGINE RELEASE  2018.0  FULL VERSION  *Build date:Nov 13, 2017*
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NewProject.BaseDesignSection_28.A2M2R1_3805
Exe Time : 8 June 2018      11:37:27
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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-5.500	0.000
Z-WATER_TABLE		-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-5.500	0.000
Z-WATER_TABLE	-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.000	-14.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

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NewProject.BaseDesignSection\_28.A2M2R1\_3805

Exe Time : 8 June 2018 11:37:27

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 26.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 8.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.7600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.1200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 20.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 21.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 21.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 22.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 22.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 22.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 6118

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1597E+06 RIMNOR= 0.000  
RENORM=0.1225E-26 REMNOR= 0.000 RATIO =0.8760E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.39 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1597E+06 RDR = 0.000  
RATIOT=0.8760E-16 RATIOR= 0.000  
MAX UN=0.1421E-13 IEQ= 101 NODE 51 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 107 NODE 54 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1597E+06 RIMNOR= 0.000  
RENORM=0.7386E-29 REMNOR=0.2530E-53 RATIO =0.6802E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.39 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1597E+06 RDR = 0.000  
RATIOT=0.6802E-17 RATIOR= 0.000  
MAX UN=0.2004E-15 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
MIN UN=-.1254E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1597E+06 RIMNOR= 0.000  
RENORM=0.5048E-29 REMNOR=0.1406E-52 RATIO =0.5623E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.39 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1597E+06 RDR = 0.000  
RATIOT=0.5623E-17 RATIOR= 0.000  
MAX UN=0.7501E-16 IEQ= 95 NODE 48 DOF 1 Y-DISPL.F  
MIN UN=-.8915E-15 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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NewProject.BaseDesignSection\_28.A2M2R1\_3805

Exe Time : 8 June 2018 11:37:27

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:37:27

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	5.24721E-17	-5.24721E-17	-3.87331E-28	1.04944E-17
2	1.55620E-16	-1.55620E-16	-1.04944E-17	4.16184E-17
3	2.56971E-16	-2.56971E-16	-4.16184E-17	9.30125E-17
4	3.56520E-16	-3.56520E-16	-9.30125E-17	1.64316E-16
5	4.54259E-16	-4.54259E-16	-1.64316E-16	2.55168E-16
6	5.50175E-16	-5.50175E-16	-2.55168E-16	3.65203E-16
7	6.44247E-16	-6.44247E-16	-3.65203E-16	4.94053E-16
8	-1.51732E-16	1.51732E-16	-4.94053E-16	4.63706E-16
9	1.25981E-16	-1.25981E-16	-4.63706E-16	4.88902E-16
10	3.97683E-16	-3.97683E-16	-4.88902E-16	5.68439E-16
11	6.63205E-16	-6.63205E-16	-5.68439E-16	7.01080E-16
12	9.22346E-16	-9.22346E-16	-7.01080E-16	8.85549E-16
13	1.17487E-15	-1.17487E-15	-8.85549E-16	1.12052E-15
14	1.42052E-15	-1.42052E-15	-1.12052E-15	1.40463E-15
15	1.65900E-15	-1.65900E-15	-1.40463E-15	1.73643E-15
16	1.88999E-15	-1.88999E-15	-1.73643E-15	2.11443E-15
17	2.11318E-15	-2.11318E-15	-2.11443E-15	2.53706E-15
18	2.32822E-15	-2.32822E-15	-2.53706E-15	3.00271E-15
19	4.57066E-15	-4.57066E-15	-3.00271E-15	2.08858E-15
20	4.37293E-15	-4.37293E-15	-2.08858E-15	1.21399E-15
21	4.18435E-15	-4.18435E-15	-1.21399E-15	3.77124E-16
22	4.00523E-15	-4.00523E-15	-3.77124E-16	4.23922E-16
23	3.83585E-15	-3.83585E-15	-4.23922E-16	1.19109E-15
24	-1.23751E-16	1.23751E-16	-1.19109E-15	1.21584E-15
25	2.54085E-17	-2.54085E-17	1.21584E-15	-1.21076E-15
26	1.98822E-16	-1.98822E-16	-1.21076E-15	-1.17100E-15
27	3.58980E-16	-3.58980E-16	-1.17100E-15	-1.09920E-15
28	5.05698E-16	-5.05698E-16	-1.09920E-15	-9.98061E-16
29	6.38820E-16	-6.38820E-16	-9.98061E-16	-8.70297E-16
30	7.58218E-16	-7.58218E-16	-8.70297E-16	-7.18654E-16
31	8.63795E-16	-8.63795E-16	-7.18654E-16	-5.45896E-16
32	9.55482E-16	-9.55482E-16	-5.45896E-16	-3.54799E-16
33	1.03325E-15	-1.03325E-15	-3.54799E-16	-1.48150E-16
34	1.09709E-15	-1.09709E-15	-1.48150E-16	-7.12685E-17
35	1.14707E-15	-1.14707E-15	-7.12685E-17	3.00682E-16
36	1.18328E-15	-1.18328E-15	-3.00682E-16	5.37338E-16
37	1.20592E-15	-1.20592E-15	-5.37338E-16	7.78522E-16
38	1.21525E-15	-1.21525E-15	-7.78522E-16	1.02157E-15
39	1.21164E-15	-1.21164E-15	-1.02157E-15	1.26390E-15
40	1.19560E-15	-1.19560E-15	-1.26390E-15	1.50302E-15
41	1.16777E-15	-1.16777E-15	-1.50302E-15	1.73657E-15
42	1.12898E-15	-1.12898E-15	-1.73657E-15	1.96237E-15
43	-6.02517E-15	6.02517E-15	-1.96237E-15	7.57334E-16
44	-6.08261E-15	6.08261E-15	-7.57334E-16	-4.59181E-16
45	-6.14728E-15	6.14728E-15	-4.59181E-16	-1.68864E-15
46	-6.21746E-15	6.21746E-15	-1.68864E-15	-2.93213E-15
47	-6.29118E-15	6.29118E-15	-2.93213E-15	-4.19036E-15
48	-6.36618E-15	6.36618E-15	-4.19036E-15	-5.46360E-15
49	-6.43998E-15	6.43998E-15	-5.46360E-15	-6.75159E-15
50	-6.50981E-15	6.50981E-15	-6.75159E-15	-8.05355E-15
51	-7.63816E-15	7.63816E-15	-8.05355E-15	-6.52588E-15
52	-7.56812E-15	7.56812E-15	-6.52588E-15	-5.01234E-15
53	-7.51605E-15	7.51605E-15	-5.01234E-15	-3.50913E-15
54	-6.72422E-15	6.72422E-15	-3.50913E-15	-4.85397E-15
55	-6.72614E-15	6.72614E-15	-4.85397E-15	-6.19920E-15
56	-4.09782E-16	4.09782E-16	-6.19920E-15	-6.11724E-15
57	-4.77620E-16	4.77620E-16	-6.11724E-15	-6.02172E-15
58	-1.36232E-14	1.36232E-14	-6.02172E-15	-8.74635E-15
59	-6.36064E-15	6.36064E-15	-8.74635E-15	-1.00185E-14
60	-6.15196E-15	6.15196E-15	-1.00185E-14	-1.12489E-14
61	-1.21808E-15	1.21808E-15	-1.12489E-14	-1.10053E-14
62	-8.64801E-15	8.64801E-15	-1.10053E-14	-9.27565E-15
63	-9.03600E-15	9.03600E-15	-9.27565E-15	-7.46845E-15
64	-9.49058E-15	9.49058E-15	-7.46845E-15	-5.57033E-15
65	-1.00144E-14	1.00144E-14	-5.57033E-15	-3.56746E-15
66	-1.77149E-14	1.77149E-14	-3.56746E-15	-2.44766E-17
67	-4.17203E-15	4.17203E-15	-2.44766E-17	-8.09930E-16
68	-2.19145E-15	2.19145E-15	-8.09930E-16	-3.71640E-16

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69-1.37486E-15 1.37486E-15-3.71640E-16 9.66675E-17  
70-4.83313E-16 4.83313E-16-9.66675E-17-2.27192E-27

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1748E+06 RIMNOR=0.2108E-26  
RENORM=0.1152E+05 REMNOR=0.1406E-52 RATIO =0.2567 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.50 RMMAX =0.1125E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.1748E+06 RDR =0.1000E-18  
RATIOT=0.2567 RATIOR= 0.000  
MAX UN= 22.30 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F  
MIN UN=-18.41 IEQ= 81 NODE 41 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1748E+06 RIMNOR=0.2108E-26  
RENORM= 348.4 REMNOR=0.6443E-19 RATIO =0.4464E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.50 RMMAX =0.1125E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.1748E+06 RDR =0.1000E-18  
RATIOT=0.4464E-01 RATIOR= 0.000  
MAX UN= 9.916 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.6793E-09 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1748E+06 RIMNOR=0.2108E-26  
RENORM= 78.48 REMNOR=0.3904E-19 RATIO =0.2119E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.50 RMMAX =0.1125E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.1748E+06 RDR =0.1000E-18  
RATIOT=0.2119E-01 RATIOR= 0.000  
MAX UN= 6.032 IEQ= 37 NODE 19 DOF 1 Y-DISPL.F  
MIN UN=-.3894 IEQ= 67 NODE 34 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1748E+06 RIMNOR=0.2108E-26  
RENORM= 11.18 REMNOR=0.4559E-19 RATIO =0.7996E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.50 RMMAX =0.1125E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.1748E+06 RDR =0.1000E-18  
RATIOT=0.7996E-02 RATIOR= 0.000  
MAX UN= 3.152 IEQ= 45 NODE 23 DOF 1 Y-DISPL.F  
MIN UN=-.1735 IEQ= 73 NODE 37 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1748E+06 RIMNOR=0.2108E-26  
RENORM=0.2254E-02 REMNOR=0.5142E-19 RATIO =0.1135E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.50 RMMAX =0.1125E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.1748E+06 RDR =0.1000E-18  
RATIOT=0.1135E-03 RATIOR= 0.000  
MAX UN=0.1171E-08 IEQ= 1 NODE 1 DOF 1 Y-DISPL.F  
MIN UN=-.3673E-01 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 6 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1748E+06 RIMNOR=0.2108E-26  
RENORM=0.1101E-04 REMNOR=0.2821E-19 RATIO =0.7935E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 62.50 RMMAX =0.1125E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.1748E+06 RDR =0.1000E-18  
RATIOT=0.7935E-05 RATIOR= 0.000  
MAX UN=0.1410E-02 IEQ= 67 NODE 34 DOF 1 Y-DISPL.F  
MIN UN=-.2231E-03 IEQ= 135 NODE 68 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

GENERAL CONTRACTOR

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ALTA SORVEGLIANZA



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:37:27

New Project  
SOLUTION REACHED USING 6 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	8.3022555E-03	-1.3325554E-03	
2	8.0357444E-03	-1.3325554E-03	
3	7.7692334E-03	-1.3325554E-03	
4	7.5027223E-03	-1.3325554E-03	
5	7.2362113E-03	-1.3325532E-03	
6	6.9697023E-03	-1.3325313E-03	
7	6.7032030E-03	-1.3324471E-03	
8	6.4367322E-03	-1.3322320E-03	
9	6.1703252E-03	-1.3317911E-03	
10	5.9040350E-03	-1.3310619E-03	
11	5.6379215E-03	-1.3300169E-03	
12	5.3720524E-03	-1.3286097E-03	
13	5.1065061E-03	-1.3267757E-03	
14	4.8413763E-03	-1.3244289E-03	
15	4.5767756E-03	-1.3214655E-03	
16	4.3128393E-03	-1.3177636E-03	
17	4.0497275E-03	-1.3131818E-03	
18	3.7876345E-03	-1.3075613E-03	
19	3.5267840E-03	-1.3007260E-03	
20	3.2674381E-03	-1.2924808E-03	
21	3.0099012E-03	-1.2826123E-03	
22	2.7545181E-03	-1.2708901E-03	
23	2.5016852E-03	-1.2570671E-03	
24	2.2518490E-03	-1.2408783E-03	
25	2.0055107E-03	-1.2220377E-03	
26	1.7632323E-03	-1.2002202E-03	
27	1.5256441E-03	-1.1750971E-03	
28	1.2934415E-03	-1.1462716E-03	
29	1.0674208E-03	-1.1131662E-03	
30	8.4847621E-04	-1.0755430E-03	
31	6.3748882E-04	-1.0336419E-03	
32	4.3528304E-04	-9.8780197E-04	
33	2.4260545E-04	-9.3841613E-04	
34	6.0125889E-05	-8.8589078E-04	
35	-1.1157127E-04	-8.3067142E-04	
36	-2.7199564E-04	-7.7324646E-04	
37	-4.2075588E-04	-7.1412295E-04	
38	-5.5756566E-04	-6.5382337E-04	
39	-6.8224361E-04	-5.9289953E-04	
40	-7.9472330E-04	-5.3194301E-04	
41	-8.9506143E-04	-4.7159571E-04	
42	-9.8344562E-04	-4.1250900E-04	
43	-1.0601875E-03	-3.5525959E-04	
44	-1.1257034E-03	-3.0031961E-04	
45	-1.1804945E-03	-2.4807075E-04	
46	-1.2251310E-03	-1.9881581E-04	
47	-1.2602362E-03	-1.5279150E-04	
48	-1.2864750E-03	-1.1017738E-04	
49	-1.3045433E-03	-7.1105117E-05	
50	-1.3151592E-03	-3.5666852E-05	
51	-1.3190562E-03	-3.9217867E-06	
52	-1.3169763E-03	2.4096828E-05	
53	-1.3096585E-03	4.8504791E-05	
54	-1.2977976E-03	6.9569780E-05	
55	-1.2820354E-03	8.7563353E-05	
56	-1.2629586E-03	1.0276195E-04	
57	-1.2410985E-03	1.1544140E-04	
58	-1.2169319E-03	1.2587333E-04	
59	-1.1908814E-03	1.3432208E-04	
60	-1.1633183E-03	1.4104208E-04	
61	-1.1345637E-03	1.4627560E-04	
62	-1.1048919E-03	1.5025091E-04	
63	-1.0745330E-03	1.5318070E-04	
64	-1.0436763E-03	1.5526073E-04	
65	-1.0124735E-03	1.5666883E-04	
66	-9.8104295E-04	1.5756392E-04	
67	-9.4947288E-04	1.5808528E-04	
68	-9.1782582E-04	1.5835194E-04	
69	-8.8614254E-04	1.5846213E-04	
70	-8.5444629E-04	1.5849254E-04	
71	-8.2274573E-04	1.5849602E-04	









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33 D	30.22	2.4261E-04	15.24 146.8 75.08	146.8	UL-RL 2.8961E+04 -6.400 4.343 1.000 1.000
151.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	32.91	6.0126E-05	17.51 158.0 77.52	158.0	UL-RL 2.8961E+04 -6.600 6.514 1.000 1.000
164.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	34.94	-1.1157E-04	19.77 166.0 79.96	169.3	UL-RL 2.8961E+04 -6.800 8.686 1.000 1.000
174.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	36.70	-2.7200E-04	22.04 172.6 82.40	180.5	UL-RL 2.8961E+04 -7.000 10.86 1.000 1.000
183.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	38.52	-4.2076E-04	24.31 179.6 84.84	191.8	UL-RL 2.8961E+04 -7.200 13.03 1.000 1.000
192.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	40.41	-5.5757E-04	26.58 186.9 87.28	203.0	UL-RL 2.8961E+04 -7.400 15.20 1.000 1.000
202.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	42.37	-6.8224E-04	28.85 194.5 89.72	214.2	UL-RL 2.8961E+04 -7.600 17.37 1.000 1.000
211.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	44.40	-7.9472E-04	31.12 202.5 92.16	225.5	UL-RL 2.8961E+04 -7.800 19.54 1.000 1.000
222.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	44.90	-8.9506E-04	33.39 202.8 94.60	228.7	UL-RL 2.8961E+04 -8.000 21.71 1.000 1.000
224.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	44.18	-9.8345E-04	35.65 197.0 97.04	225.5	UL-RL 2.8961E+04 -8.200 23.89 1.000 1.000
220.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	43.64	-1.0602E-03	37.92 192.1 99.48	222.9	UL-RL 2.8961E+04 -8.400 26.06 1.000 1.000
218.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	43.27	-1.1257E-03	40.19 188.1 101.9	220.7	UL-RL 2.8961E+04 -8.600 28.23 1.000 1.000
216.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	43.04	-1.1805E-03	42.46 184.8 104.4	219.0	UL-RL 2.8961E+04 -8.800 30.40 1.000 1.000
215.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	42.94	-1.2251E-03	44.73 182.1 106.8	217.6	UL-RL 2.8961E+04 -9.000 32.57 1.000 1.000
214.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	42.96	-1.2602E-03	47.00 180.0 109.2	216.5	UL-RL 2.8961E+04 -9.200 34.74 1.000 1.000
214.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	43.08	-1.2865E-03	49.27 178.5 111.7	215.7	UL-RL 2.8961E+04 -9.400 36.91 1.000 1.000
215.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	43.29	-1.3045E-03	51.53 177.4 114.1	215.2	UL-RL 2.8961E+04 -9.600 39.09 1.000 1.000
216.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	43.59	-1.3152E-03	53.80 176.7 116.6	214.8	UL-RL 2.8961E+04 -9.800 41.26 1.000 1.000
217.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	43.96	-1.3191E-03	56.07 176.4 119.0	214.6	UL-RL 2.8961E+04 -10.00 43.43 1.000 1.000
219.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	41.69	-1.3170E-03	58.34 162.8 121.4	214.5	UL-RL 3.9230E+04 -10.20 45.60 1.000 1.000
208.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	42.19	-1.3097E-03	60.61 163.2 123.9	214.6	UL-RL 3.9230E+04 -10.40 47.77 1.000 1.000
211.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	42.76	-1.2978E-03	62.88 163.9 126.3	214.8	UL-RL 3.9230E+04 -10.60 49.94 1.000 1.000
213.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	43.38	-1.2820E-03	65.15 164.8 128.8	215.1	UL-RL 3.9230E+04 -10.80 52.11 1.000 1.000
216.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	44.04	-1.2630E-03	67.41 165.9 131.2	215.5	UL-RL 3.9230E+04 -11.00 54.29 1.000 1.000
220.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	44.75	-1.2411E-03	69.68 167.3 133.6	216.0	UL-RL 3.9230E+04 -11.20 56.46 1.000 1.000
223.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	45.49	-1.2169E-03	71.95 168.8 136.1	216.6	UL-RL 3.9230E+04 -11.40 58.63 1.000 1.000
227.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	46.26	-1.1909E-03	74.22 170.5 138.5	217.2	UL-RL 3.9230E+04 -11.60 60.80 1.000 1.000
231.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	47.05	-1.1633E-03	76.49 172.3 141.0	217.9	UL-RL 3.9230E+04 -11.80 62.97 1.000 1.000
235.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	47.87	-1.1346E-03	78.76 174.2 143.4	218.7	UL-RL 3.9230E+04 -12.00 65.14 1.000 1.000
239.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	48.70	-1.1049E-03	81.03 176.2 145.8	219.5	UL-RL 3.9230E+04 -12.20 67.31 1.000 1.000
243.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	49.55	-1.0745E-03	83.29 178.3 148.3	220.4	UL-RL 3.9230E+04 -12.40 69.49 1.000 1.000
247.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.42	-1.0437E-03	85.56 180.4 150.7	221.4	UL-RL 3.9230E+04 -12.60 71.66 1.000 1.000
252.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.29	-1.0125E-03	87.83 182.6 153.2	222.4	UL-RL 3.9230E+04 -12.80 73.83 1.000 1.000
256.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.18	-9.8104E-04	90.10 184.9 155.6	223.4	UL-RL 3.9230E+04 -13.00 76.00 1.000 1.000
260.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	53.07	-9.4947E-04	92.37 187.2 158.0	224.4	UL-RL 3.9230E+04 -13.20 78.17 1.000 1.000
265.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.97	-9.1783E-04	94.64 189.5 160.5	225.5	UL-RL 3.9230E+04 -13.40 80.34 1.000 1.000
269.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.88	-8.8614E-04	96.91 191.9 162.9	226.7	UL-RL 3.9230E+04 -13.60 82.51 1.000 1.000
274.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.80	-8.5445E-04	99.17 194.3 165.4	227.8	UL-RL 3.9230E+04 -13.80 84.69 1.000 1.000
279.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	28.36	-8.2275E-04	101.4 196.7 167.8	229.0	UL-RL 3.9230E+04 -14.00 86.86 1.000 1.000
283.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		

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NewProject.BaseDesignSection\_28.A2M2R1\_3805  
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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-6.56410E-10	6.56410E-10	-6.59141E-11	-1.63991E-10
2	2.46443E-11	-2.46443E-11	1.01615E-10	2.19981E-11
3	5.98247E-10	-5.98247E-10	3.98078E-11	6.72630E-11
4	7.15279E-02	-7.15279E-02	-3.57149E-11	1.43056E-02
5	0.54977	-0.54977	-1.43056E-02	0.12426
6	1.4212	-1.4212	-0.12426	0.40849
7	2.7215	-2.7215	-0.40849	0.95280
8	4.4221	-4.4221	-0.95280	1.8372
9	4.6981	-4.6981	-1.8372	2.7768
10	5.2974	-5.2974	-2.7768	3.8363
11	6.1592	-6.1592	-3.8363	5.0682
12	7.3479	-7.3479	-5.0682	6.5378
13	8.8755	-8.8755	-6.5378	8.3128
14	10.637	-10.637	-8.3128	10.440
15	12.727	-12.727	-10.440	12.986
16	15.112	-15.112	-12.986	16.008
17	17.754	-17.754	-16.008	19.559
18	20.684	-20.684	-19.559	23.696
19	23.923	-23.923	-23.696	28.480
20	27.441	-27.441	-28.480	33.968
21	31.212	-31.212	-33.968	40.211
22	35.257	-35.257	-40.211	47.262
23	39.598	-39.598	-47.262	55.182
24	44.304	-44.304	-55.182	64.043
25	49.885	-49.885	-64.043	74.020
26	54.712	-54.712	-74.020	84.962
27	62.430	-62.430	-84.962	97.448
28	72.988	-72.988	-97.448	112.05
29	69.957	-69.957	-112.05	126.04
30	65.398	-65.398	-126.04	139.12
31	59.236	-59.236	-139.12	150.96
32	52.951	-52.951	-150.96	161.55
33	46.385	-46.385	-161.55	170.83
34	38.855	-38.855	-170.83	178.60
35	30.931	-30.931	-178.60	184.79
36	22.821	-22.821	-184.79	189.35
37	14.381	-14.381	-189.35	192.23
38	5.3710	-5.3710	-192.23	193.30
39	-4.3370	4.3370	-193.30	192.43
40	-14.939	14.939	-192.43	189.45
41	-24.947	24.947	-189.45	184.46
42	-33.186	33.186	-184.46	177.82
43	-39.885	39.885	-177.82	169.84
44	-45.255	45.255	-169.84	160.79
45	-49.483	49.483	-160.79	150.90
46	-52.736	52.736	-150.90	140.35
47	-55.164	55.164	-140.35	129.32
48	-56.902	56.902	-129.32	117.94
49	-58.073	58.073	-117.94	106.32
50	-58.787	58.787	-106.32	94.564
51	-59.140	59.140	-94.564	82.736
52	-55.043	55.043	-82.736	71.728
53	-50.772	50.772	-71.728	61.573
54	-46.409	46.409	-61.573	52.291
55	-42.025	42.025	-52.291	43.886
56	-37.682	37.682	-43.886	36.350
57	-33.431	33.431	-36.350	29.664
58	-29.318	29.318	-29.664	23.800
59	-25.381	25.381	-23.800	18.724
60	-21.652	21.652	-18.724	14.394
61	-18.158	18.158	-14.394	10.762
62	-14.923	14.923	-10.762	7.7777
63	-11.964	11.964	-7.7777	5.3850
64	-9.2968	9.2968	-5.3850	3.5256
65	-6.9352	6.9352	-3.5256	2.1386
66	-4.8896	4.8896	-2.1386	1.1606
67	-3.1692	3.1692	-1.1606	0.52681
68	-1.7817	1.7817	-0.52681	0.17047

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69-0.74238 0.74238 -0.17047 2.19948E-02  
 70-0.10997 0.10997 -2.19948E-02-1.54599E-12

ITER 0 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.3293E+06 RIMNOR=0.1299E+07  
 RENORM=0.1101E-04 REMNOR=0.2821E-19 RATIO =0.5781E-05 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 72.99 RMMAX = 193.3  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
 RDT =0.3293E+06 RDR =0.1299E+07  
 RATIO=0.5781E-05 RATIO= 0.000  
 MAX UN=0.1410E-02 IEQ= 67 NODE 34 DOF 1 Y-DISPL.F  
 MIN UN=-.2231E-03 IEQ= 135 NODE 68 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.3293E+06 RIMNOR=0.1299E+07  
 RENORM=0.2262E-06 REMNOR=0.2078E-19 RATIO =0.8288E-06 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 72.99 RMMAX = 193.3  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
 RDT =0.3293E+06 RDR =0.1299E+07  
 RATIO=0.8288E-06 RATIO= 0.000  
 MAX UN=0.1944E-03 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
 MIN UN=-.2715E-04 IEQ= 129 NODE 65 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.3293E+06 RIMNOR=0.1299E+07  
 RENORM=0.5807E-07 REMNOR=0.1866E-19 RATIO =0.4200E-06 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 72.99 RMMAX = 193.3  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
 RDT =0.3293E+06 RDR =0.1299E+07  
 RATIO=0.4200E-06 RATIO= 0.000  
 MAX UN=0.2185E-03 IEQ= 37 NODE 19 DOF 1 Y-DISPL.F  
 MIN UN=-.1330E-04 IEQ= 111 NODE 56 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

GENERAL CONTRACTOR

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:37:27

New Project  
SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	8.3023624E-03	-1.3325666E-03
2	8.0358491E-03	-1.3325666E-03
3	7.7693358E-03	-1.3325666E-03
4	7.5028225E-03	-1.3325666E-03
5	7.2363093E-03	-1.3325643E-03
6	6.9697980E-03	-1.3325424E-03
7	6.7032965E-03	-1.3324582E-03
8	6.4368235E-03	-1.3322431E-03
9	6.1704143E-03	-1.3318022E-03
10	5.9041218E-03	-1.3310731E-03
11	5.6380061E-03	-1.3300280E-03
12	5.3721347E-03	-1.3286209E-03
13	5.1065862E-03	-1.3267868E-03
14	4.8414542E-03	-1.3244401E-03
15	4.5768513E-03	-1.3214766E-03
16	4.3129128E-03	-1.3177747E-03
17	4.0497988E-03	-1.3131929E-03
18	3.7877035E-03	-1.3075724E-03
19	3.5268508E-03	-1.3007371E-03
20	3.2675027E-03	-1.2924919E-03
21	3.0099635E-03	-1.2826235E-03
22	2.7545782E-03	-1.2709013E-03
23	2.5017431E-03	-1.2570783E-03
24	2.2519046E-03	-1.2408896E-03
25	2.0055640E-03	-1.2220491E-03
26	1.7632834E-03	-1.2002316E-03
27	1.5256929E-03	-1.1751086E-03
28	1.2934880E-03	-1.1462831E-03
29	1.0674650E-03	-1.1131778E-03
30	8.4851804E-04	-1.0755548E-03
31	6.3752826E-04	-1.0336540E-03
32	4.3532004E-04	-9.8781430E-04
33	2.4263996E-04	-9.3842869E-04
34	6.0157873E-05	-8.8590347E-04
35	-1.1154182E-04	-8.3068409E-04
36	-2.7196871E-04	-7.7325897E-04
37	-4.2073143E-04	-7.1413516E-04
38	-5.5754361E-04	-6.5383518E-04
39	-6.8222388E-04	-5.9291085E-04
40	-7.9470577E-04	-5.3195378E-04
41	-8.9504600E-04	-4.7160588E-04
42	-9.8343216E-04	-4.1251855E-04
43	-1.0601759E-03	-3.5526850E-04
44	-1.1256935E-03	-3.0032787E-04
45	-1.1804862E-03	-2.4807836E-04
46	-1.2251242E-03	-1.9882278E-04
47	-1.2602307E-03	-1.5279786E-04
48	-1.2864707E-03	-1.1018315E-04
49	-1.3045401E-03	-7.1110332E-05
50	-1.3151570E-03	-3.5671544E-05
51	-1.3190548E-03	-3.9259925E-06
52	-1.3169758E-03	2.4093070E-05
53	-1.3096587E-03	4.8501443E-05
54	-1.2977984E-03	6.9566801E-05
55	-1.2820368E-03	8.7560705E-05
56	-1.2629604E-03	1.0275959E-04
57	-1.2411009E-03	1.1543930E-04
58	-1.2169346E-03	1.2587145E-04
59	-1.1908845E-03	1.3432040E-04
60	-1.1633217E-03	1.4104056E-04
61	-1.1345674E-03	1.4627422E-04
62	-1.1048959E-03	1.5024965E-04
63	-1.0745372E-03	1.5317953E-04
64	-1.0436807E-03	1.5525964E-04
65	-1.0124782E-03	1.5666780E-04
66	-9.8104777E-04	1.5756294E-04
67	-9.4947789E-04	1.5808434E-04
68	-9.1783101E-04	1.5835104E-04
69	-8.8614791E-04	1.5846125E-04
70	-8.5445183E-04	1.5849167E-04
71	-8.2275145E-04	1.5849515E-04









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33 D	30.22	2.4264E-04	15.24 146.8 75.08	146.8	UL-RL 2.8961E+04 -6.400 4.343 1.000 1.000
151.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	32.91	6.0158E-05	17.51 158.0 77.52	158.0	UL-RL 2.8961E+04 -6.600 6.514 1.000 1.000
164.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	34.94	-1.1154E-04	19.77 166.0 79.96	169.3	UL-RL 2.8961E+04 -6.800 8.686 1.000 1.000
174.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	36.70	-2.7197E-04	22.04 172.6 82.40	180.5	UL-RL 2.8961E+04 -7.000 10.86 1.000 1.000
183.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	38.52	-4.2073E-04	24.31 179.6 84.84	191.8	UL-RL 2.8961E+04 -7.200 13.03 1.000 1.000
192.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	40.41	-5.5754E-04	26.58 186.9 87.28	203.0	UL-RL 2.8961E+04 -7.400 15.20 1.000 1.000
202.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	42.37	-6.8222E-04	28.85 194.5 89.72	214.2	UL-RL 2.8961E+04 -7.600 17.37 1.000 1.000
211.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	44.40	-7.9471E-04	31.12 202.5 92.16	225.5	UL-RL 2.8961E+04 -7.800 19.54 1.000 1.000
222.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	44.90	-8.9505E-04	33.39 202.8 94.60	228.7	UL-RL 2.8961E+04 -8.000 21.71 1.000 1.000
224.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	44.18	-9.8343E-04	35.65 197.0 97.04	225.5	UL-RL 2.8961E+04 -8.200 23.89 1.000 1.000
220.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	43.64	-1.0602E-03	37.92 192.1 99.48	222.9	UL-RL 2.8961E+04 -8.400 26.06 1.000 1.000
218.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	43.27	-1.1257E-03	40.19 188.1 101.9	220.7	UL-RL 2.8961E+04 -8.600 28.23 1.000 1.000
216.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	43.04	-1.1805E-03	42.46 184.8 104.4	219.0	UL-RL 2.8961E+04 -8.800 30.40 1.000 1.000
215.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	42.94	-1.2251E-03	44.73 182.1 106.8	217.6	UL-RL 2.8961E+04 -9.000 32.57 1.000 1.000
214.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	42.96	-1.2602E-03	47.00 180.0 109.2	216.5	UL-RL 2.8961E+04 -9.200 34.74 1.000 1.000
214.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	43.08	-1.2865E-03	49.27 178.5 111.7	215.7	UL-RL 2.8961E+04 -9.400 36.91 1.000 1.000
215.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	43.29	-1.3045E-03	51.53 177.4 114.1	215.2	UL-RL 2.8961E+04 -9.600 39.09 1.000 1.000
216.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	43.59	-1.3152E-03	53.80 176.7 116.6	214.8	UL-RL 2.8961E+04 -9.800 41.26 1.000 1.000
217.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	43.96	-1.3191E-03	56.07 176.4 119.0	214.6	UL-RL 2.8961E+04 -10.00 43.43 1.000 1.000
219.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	41.69	-1.3170E-03	58.34 162.8 121.4	214.5	UL-RL 3.9230E+04 -10.20 45.60 1.000 1.000
208.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	42.19	-1.3097E-03	60.61 163.2 123.9	214.6	UL-RL 3.9230E+04 -10.40 47.77 1.000 1.000
211.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	42.76	-1.2978E-03	62.88 163.9 126.3	214.8	UL-RL 3.9230E+04 -10.60 49.94 1.000 1.000
213.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	43.38	-1.2820E-03	65.15 164.8 128.8	215.1	UL-RL 3.9230E+04 -10.80 52.11 1.000 1.000
216.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	44.04	-1.2630E-03	67.41 165.9 131.2	215.5	UL-RL 3.9230E+04 -11.00 54.29 1.000 1.000
220.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	44.75	-1.2411E-03	69.68 167.3 133.6	216.0	UL-RL 3.9230E+04 -11.20 56.46 1.000 1.000
223.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	45.49	-1.2169E-03	71.95 168.8 136.1	216.6	UL-RL 3.9230E+04 -11.40 58.63 1.000 1.000
227.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	46.26	-1.1909E-03	74.22 170.5 138.5	217.2	UL-RL 3.9230E+04 -11.60 60.80 1.000 1.000
231.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	47.05	-1.1633E-03	76.49 172.3 141.0	217.9	UL-RL 3.9230E+04 -11.80 62.97 1.000 1.000
235.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	47.87	-1.1346E-03	78.76 174.2 143.4	218.7	UL-RL 3.9230E+04 -12.00 65.14 1.000 1.000
239.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	48.70	-1.1049E-03	81.03 176.2 145.8	219.5	UL-RL 3.9230E+04 -12.20 67.31 1.000 1.000
243.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	49.55	-1.0745E-03	83.29 178.3 148.3	220.4	UL-RL 3.9230E+04 -12.40 69.49 1.000 1.000
247.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	50.42	-1.0437E-03	85.56 180.4 150.7	221.4	UL-RL 3.9230E+04 -12.60 71.66 1.000 1.000
252.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	51.29	-1.0125E-03	87.83 182.6 153.2	222.4	UL-RL 3.9230E+04 -12.80 73.83 1.000 1.000
256.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	52.18	-9.8105E-04	90.10 184.9 155.6	223.4	UL-RL 3.9230E+04 -13.00 76.00 1.000 1.000
260.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	53.07	-9.4948E-04	92.37 187.2 158.0	224.4	UL-RL 3.9230E+04 -13.20 78.17 1.000 1.000
265.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	53.97	-9.1783E-04	94.64 189.5 160.5	225.5	UL-RL 3.9230E+04 -13.40 80.34 1.000 1.000
269.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	54.88	-8.8615E-04	96.91 191.9 162.9	226.7	UL-RL 3.9230E+04 -13.60 82.51 1.000 1.000
274.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	55.80	-8.5445E-04	99.17 194.3 165.4	227.8	UL-RL 3.9230E+04 -13.80 84.69 1.000 1.000
279.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	28.36	-8.2275E-04	101.4 196.7 167.8	229.0	UL-RL 3.9230E+04 -14.00 86.86 1.000 1.000
283.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	6.39791E-11	-6.39791E-11	6.81176E-12	-9.26381E-11
2	7.82672E-11	7.82672E-11	9.06375E-11	1.23932E-11
3	5.15912E-10	-5.15912E-10	3.15752E-11	5.90294E-11
4	7.15279E-02	-7.15279E-02	-4.39475E-11	1.43056E-02
5	0.54977	-0.54977	-1.43056E-02	0.12426
6	1.4212	-1.4212	-0.12426	0.40849
7	2.7215	-2.7215	-0.40849	0.95280
8	4.4221	-4.4221	-0.95280	1.8372
9	4.6981	-4.6981	-1.8372	2.7768
10	5.2974	-5.2974	-2.7768	3.8363
11	6.1592	-6.1592	-3.8363	5.0682
12	7.3479	-7.3479	-5.0682	6.5378
13	8.8755	-8.8755	-6.5378	8.3128
14	10.637	-10.637	-8.3128	10.440
15	12.727	-12.727	-10.440	12.986
16	15.112	-15.112	-12.986	16.008
17	17.754	-17.754	-16.008	19.559
18	20.684	-20.684	-19.559	23.696
19	23.923	-23.923	-23.696	28.480
20	27.441	-27.441	-28.480	33.968
21	31.212	-31.212	-33.968	40.211
22	35.257	-35.257	-40.211	47.262
23	39.598	-39.598	-47.262	55.182
24	44.305	-44.305	-55.182	64.043
25	49.885	-49.885	-64.043	74.020
26	54.711	-54.711	-74.020	84.962
27	62.429	-62.429	-84.962	97.448
28	72.987	-72.987	-97.448	112.04
29	69.956	-69.956	-112.04	126.04
30	65.397	-65.397	-126.04	139.12
31	59.236	-59.236	-139.12	150.96
32	52.952	-52.952	-150.96	161.55
33	46.387	-46.387	-161.55	170.83
34	38.857	-38.857	-170.83	178.60
35	30.933	-30.933	-178.60	184.79
36	22.823	-22.823	-184.79	189.35
37	14.382	-14.382	-189.35	192.23
38	5.3721	-5.3721	-192.23	193.30
39	-4.3362	4.3362	-193.30	192.44
40	-14.938	14.938	-192.44	189.45
41	-24.947	24.947	-189.45	184.46
42	-33.186	33.186	-184.46	177.82
43	-39.885	39.885	-177.82	169.85
44	-45.255	45.255	-169.85	160.79
45	-49.483	49.483	-160.79	150.90
46	-52.736	52.736	-150.90	140.35
47	-55.164	55.164	-140.35	129.32
48	-56.903	56.903	-129.32	117.94
49	-58.074	58.074	-117.94	106.32
50	-58.787	58.787	-106.32	94.565
51	-59.141	59.141	-94.565	82.737
52	-55.043	55.043	-82.737	71.729
53	-50.772	50.772	-71.729	61.574
54	-46.410	46.410	-61.574	52.292
55	-42.026	42.026	-52.292	43.887
56	-37.682	37.682	-43.887	36.351
57	-33.431	33.431	-36.351	29.665
58	-29.318	29.318	-29.665	23.801
59	-25.381	25.381	-23.801	18.725
60	-21.652	21.652	-18.725	14.394
61	-18.159	18.159	-14.394	10.763
62	-14.923	14.923	-10.763	7.7779
63	-11.964	11.964	-7.7779	5.3852
64	-9.2970	9.2970	-5.3852	3.5258
65	-6.9353	6.9353	-3.5258	2.1387
66	-4.8897	4.8897	-2.1387	1.1608
67	-3.1693	3.1693	-1.1608	0.52691
68	-1.7820	1.7820	-0.52691	0.17052

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69-0.74255 0.74255 -0.17052 2.20060E-02  
70-0.11002 0.11002 -2.20060E-02-5.25384E-12

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	6
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.21 [sec]

DATABASE CREATION CPU TIME..... 0.10 [sec]

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## Design Assumption : SISMICA STR - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:37:28

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*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

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JOB : NewProject.BaseDesignSection\_28.SISMICASTR\_3835

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

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*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

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PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:37:28

INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	71
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	142
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	445
NO. OF LONG NAMES (LASTNAME) .....	16
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:37:28

P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 445

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -14 0 1
7 : SOIL 0_L LeftWall_32 -14 0 1 0
8 : SOIL 0_R LeftWall_32 -14 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : LDATA sabbialimosoghiaiosal_236_221_L_0 -10 LeftWall_32
31 : ATREST 0.76 2 1
32 : WEIGHT 21.4 12.2 10
33 : PERMEABILITY 1E-05
34 : RESISTANCE 30 36 0 0 0
35 : YOUNG 1E+05 2.5E+05
36 : ENDL
37 : MATERIAL Fe360_108 2.06E+08
38 : MATERIAL C2530_104 3.148E+07
39 : BEAM WallElement_33 LeftWall_32 -14 0 C2530_104 0.6225 00 00 0
40 : STRIP LeftWall_32 1 3 1.5 28.5 0 20 45
41 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
42 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
43 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
44 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
45 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
46 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
47 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
48 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
49 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
50 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
51 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
52 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
53 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
54 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
55 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
56 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45

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78 : STRIP LeftWall\_32 1 1 14.8 0.4 0 50.4 45  
79 : STRIP LeftWall\_32 1 1 15.2 0.4 0 50.4 45  
80 : STRIP LeftWall\_32 1 1 15.6 0.4 0 50.4 45  
81 : STRIP LeftWall\_32 1 1 16.0 0.4 0 50.4 45  
82 : STRIP LeftWall\_32 1 1 16.4 0.4 0 50.4 45  
83 : STRIP LeftWall\_32 1 1 16.8 0.4 0 50.4 45  
84 : STRIP LeftWall\_32 1 1 17.2 0.4 0 50.4 45  
85 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
86 : STRIP LeftWall\_32 1 1 18.0 0.4 0 50.4 45  
87 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
88 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
89 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
90 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
91 : STRIP LeftWall\_32 1 1 20.0 0.4 0 50.4 45  
92 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
93 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
94 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
95 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
96 : STRIP LeftWall\_32 1 1 22.0 0.4 0 50.4 45  
97 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
98 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
99 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
100 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
101 : STRIP LeftWall\_32 1 1 24.0 0.4 0 50.4 45  
102 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
103 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
104 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
105 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
106 : STRIP LeftWall\_32 1 1 26.0 0.4 0 50.4 45  
107 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
108 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
109 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
110 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
111 : STRIP LeftWall\_32 1 1 28.0 0.4 0 50.4 45  
112 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
113 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
114 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
115 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
116 : STRIP LeftWall\_32 2 2 0.4 0.4 0 1.68 45  
117 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
118 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
119 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
120 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
121 : STRIP LeftWall\_32 2 2 2.0 0.4 0 18.48 45  
122 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
123 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
124 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
125 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
126 : STRIP LeftWall\_32 2 2 4.0 0.4 0 35.28 45  
127 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
128 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
129 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
130 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
131 : STRIP LeftWall\_32 2 2 6.0 0.4 0 50.4 45  
132 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
133 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
134 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
135 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
136 : STRIP LeftWall\_32 2 2 8.0 0.4 0 50.4 45  
137 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
138 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
139 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
140 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
141 : STRIP LeftWall\_32 2 2 10.0 0.4 0 50.4 45  
142 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
143 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
144 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
145 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
146 : STRIP LeftWall\_32 2 2 12.0 0.4 0 50.4 45  
147 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
148 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
149 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
150 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
151 : STRIP LeftWall\_32 2 2 14.0 0.4 0 50.4 45  
152 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
153 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
154 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
155 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
156 : STRIP LeftWall\_32 2 2 16.0 0.4 0 50.4 45  
157 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
158 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
159 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
160 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
161 : STRIP LeftWall\_32 2 2 18.0 0.4 0 50.4 45  
162 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
163 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
164 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
165 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
166 : STRIP LeftWall\_32 2 2 20.0 0.4 0 50.4 45  
167 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 26 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 185 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 186 : STRIP LeftWall\_32 2 2 28 0.4 0 50.4 45  
 187 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 188 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 189 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 190 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 191 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 192 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 193 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 194 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 195 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 196 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 197 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 198 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 199 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 200 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 201 : STRIP LeftWall\_32 3 3 4 0.4 0 35.28 45  
 202 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 203 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 204 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 205 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 206 : STRIP LeftWall\_32 3 3 6 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 208 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 209 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 210 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 214 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
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 216 : STRIP LeftWall\_32 3 3 10 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 12 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 14 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
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 232 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
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 241 : STRIP LeftWall\_32 3 3 20 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
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 248 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
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 251 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 259 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 260 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 261 : STRIP LeftWall\_32 3 3 28 0.4 0 50.4 45  
 262 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 263 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 264 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45  
 265 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 266 : STEP Stagel\_31  
 267 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 268 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 269 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 270 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 271 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 272 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 273 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 274 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 275 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 276 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 277 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32  
 278 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
 279 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
 280 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
 281 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
 282 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
 283 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
 284 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-FRICT=36 LeftWall\_32  
 286 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-FRICT=36 LeftWall\_32  
 287 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KA=0.215 LeftWall\_32  
 288 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KP=6.978 LeftWall\_32  
 289 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KA=0.215 LeftWall\_32  
 290 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KP=6.978 LeftWall\_32  
 291 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
 292 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 293 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
 294 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 295 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
 296 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 297 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
 298 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 299 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
 300 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 301 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
 302 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 303 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
 304 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
 305 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
 306 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
 307 : SETWALL LeftWall\_32  
 308 : GEOM 0 0  
 309 : WATER -0.5 0 -14 0 0  
 310 : ADD WallElement\_33  
 311 : ENDSTEP  
 312 : STEP Stage2\_446  
 313 : SETWALL LeftWall\_32  
 314 : GEOM 0 -5.5  
 315 : WATER -4.5 1.5 -14 0 0  
 316 : ENDSTEP  
 317 : STEP Stage3\_549  
 318 : SETWALL LeftWall\_32  
 319 : GEOM 0 -5.5  
 320 : WATER -4.5 1.5 -14 0 0  
 321 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.427 LeftWall\_32  
 322 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.489 LeftWall\_32  
 323 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.888 LeftWall\_32  
 324 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.703 LeftWall\_32  
 325 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.427 LeftWall\_32  
 326 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.489 LeftWall\_32  
 327 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.888 LeftWall\_32  
 328 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.703 LeftWall\_32  
 329 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAED=0.241 LeftWall\_32  
 330 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAEW=0.271 LeftWall\_32  
 331 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPED=7.242 LeftWall\_32  
 332 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPEW=6.997 LeftWall\_32  
 333 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAED=0.241 LeftWall\_32  
 334 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAEW=0.271 LeftWall\_32  
 335 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPED=7.242 LeftWall\_32  
 336 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPEW=6.997 LeftWall\_32  
 337 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAED=0.241 LeftWall\_32  
 338 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAEW=0.271 LeftWall\_32  
 339 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPED=7.242 LeftWall\_32  
 340 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPEW=7.003 LeftWall\_32  
 341 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAED=0.241 LeftWall\_32  
 342 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAEW=0.271 LeftWall\_32  
 343 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPED=7.242 LeftWall\_32  
 344 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPEW=7.003 LeftWall\_32  
 345 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KAED=0.251 LeftWall\_32  
 346 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KAEW=0.282 LeftWall\_32  
 347 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KPED=6.715 LeftWall\_32

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348 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPEW=6.488 LeftWall\_32  
349 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAED=0.251 LeftWall\_32  
350 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAEW=0.282 LeftWall\_32  
351 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPED=6.715 LeftWall\_32  
352 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPEW=6.488 LeftWall\_32  
353 : EQK USER 0.0676 0 0 26.57 0.66 0 0.66 1 0  
354 : DLOAD step LeftWall\_32 -5.5 2.764 0 2.764  
355 : DLOAD step LeftWall\_32 -5.5 0.8495 0 0.8495  
356 : DLOAD step LeftWall\_32 -4.7 1.984 -4.5 0  
357 : DLOAD step LeftWall\_32 -4.9 2.806 -4.7 1.984  
358 : DLOAD step LeftWall\_32 -5.1 3.437 -4.9 2.806  
359 : DLOAD step LeftWall\_32 -5.3 3.969 -5.1 3.437  
360 : DLOAD step LeftWall\_32 -5.5 4.437 -5.3 3.969  
361 : DLOAD step LeftWall\_32 -5.7 4.86 -5.5 4.437  
362 : DLOAD step LeftWall\_32 -5.9 5.25 -5.7 4.86  
363 : DLOAD step LeftWall\_32 -6.1 5.612 -5.9 5.25  
364 : DLOAD step LeftWall\_32 -6.3 5.953 -6.1 5.612  
365 : DLOAD step LeftWall\_32 -6.5 6.275 -6.3 5.953  
366 : DLOAD step LeftWall\_32 -6.7 6.581 -6.5 6.275  
367 : DLOAD step LeftWall\_32 -6.9 6.874 -6.7 6.581  
368 : DLOAD step LeftWall\_32 -7.1 7.154 -6.9 6.874  
369 : DLOAD step LeftWall\_32 -7.3 7.425 -7.1 7.154  
370 : DLOAD step LeftWall\_32 -7.5 7.685 -7.3 7.425  
371 : DLOAD step LeftWall\_32 -7.7 7.937 -7.5 7.685  
372 : DLOAD step LeftWall\_32 -7.9 8.181 -7.7 7.937  
373 : DLOAD step LeftWall\_32 -8.1 8.419 -7.9 8.181  
374 : DLOAD step LeftWall\_32 -8.3 8.649 -8.1 8.419  
375 : DLOAD step LeftWall\_32 -8.5 8.874 -8.3 8.649  
376 : DLOAD step LeftWall\_32 -8.7 9.093 -8.5 8.874  
377 : DLOAD step LeftWall\_32 -8.9 9.307 -8.7 9.093  
378 : DLOAD step LeftWall\_32 -9.1 9.516 -8.9 9.307  
379 : DLOAD step LeftWall\_32 -9.3 9.721 -9.1 9.516  
380 : DLOAD step LeftWall\_32 -9.5 9.921 -9.3 9.721  
381 : DLOAD step LeftWall\_32 -9.7 10.12 -9.5 9.921  
382 : DLOAD step LeftWall\_32 -9.9 10.31 -9.7 10.12  
383 : DLOAD step LeftWall\_32 -10.1 10.5 -9.9 10.31  
384 : DLOAD step LeftWall\_32 -10.3 10.69 -10.1 10.5  
385 : DLOAD step LeftWall\_32 -10.5 10.87 -10.3 10.69  
386 : DLOAD step LeftWall\_32 -10.7 11.05 -10.5 10.87  
387 : DLOAD step LeftWall\_32 -10.9 11.22 -10.7 11.05  
388 : DLOAD step LeftWall\_32 -11.1 11.4 -10.9 11.22  
389 : DLOAD step LeftWall\_32 -11.3 11.57 -11.1 11.4  
390 : DLOAD step LeftWall\_32 -11.5 11.74 -11.3 11.57  
391 : DLOAD step LeftWall\_32 -11.7 11.91 -11.5 11.74  
392 : DLOAD step LeftWall\_32 -11.9 12.07 -11.7 11.91  
393 : DLOAD step LeftWall\_32 -12.1 12.23 -11.9 12.07  
394 : DLOAD step LeftWall\_32 -12.3 12.39 -12.1 12.23  
395 : DLOAD step LeftWall\_32 -12.5 12.55 -12.3 12.39  
396 : DLOAD step LeftWall\_32 -12.7 12.71 -12.5 12.55  
397 : DLOAD step LeftWall\_32 -12.9 12.86 -12.7 12.71  
398 : DLOAD step LeftWall\_32 -13.1 13.01 -12.9 12.86  
399 : DLOAD step LeftWall\_32 -13.3 13.16 -13.1 13.01  
400 : DLOAD step LeftWall\_32 -13.5 13.31 -13.3 13.16  
401 : DLOAD step LeftWall\_32 -13.7 13.46 -13.5 13.31  
402 : DLOAD step LeftWall\_32 -13.9 13.6 -13.7 13.46  
403 : DLOAD step LeftWall\_32 -14 13.68 -13.9 13.6  
404 : DLOAD step LeftWall\_32 -6.2 1.821 -6 0  
405 : DLOAD step LeftWall\_32 -6.4 2.575 -6.2 1.821  
406 : DLOAD step LeftWall\_32 -6.6 3.154 -6.4 2.575  
407 : DLOAD step LeftWall\_32 -6.8 3.642 -6.6 3.154  
408 : DLOAD step LeftWall\_32 -7 4.072 -6.8 3.642  
409 : DLOAD step LeftWall\_32 -7.2 4.46 -7 4.072  
410 : DLOAD step LeftWall\_32 -7.4 4.818 -7.2 4.46  
411 : DLOAD step LeftWall\_32 -7.6 5.15 -7.4 4.818  
412 : DLOAD step LeftWall\_32 -7.8 5.463 -7.6 5.15  
413 : DLOAD step LeftWall\_32 -8 5.758 -7.8 5.463  
414 : DLOAD step LeftWall\_32 -8.2 6.039 -8 5.758  
415 : DLOAD step LeftWall\_32 -8.4 6.308 -8.2 6.039  
416 : DLOAD step LeftWall\_32 -8.6 6.565 -8.4 6.308  
417 : DLOAD step LeftWall\_32 -8.8 6.813 -8.6 6.565  
418 : DLOAD step LeftWall\_32 -9 7.052 -8.8 6.813  
419 : DLOAD step LeftWall\_32 -9.2 7.284 -9 7.052  
420 : DLOAD step LeftWall\_32 -9.4 7.508 -9.2 7.284  
421 : DLOAD step LeftWall\_32 -9.6 7.725 -9.4 7.508  
422 : DLOAD step LeftWall\_32 -9.8 7.937 -9.6 7.725  
423 : DLOAD step LeftWall\_32 -10 8.143 -9.8 7.937  
424 : DLOAD step LeftWall\_32 -10.2 8.344 -10 8.143  
425 : DLOAD step LeftWall\_32 -10.4 8.541 -10.2 8.344  
426 : DLOAD step LeftWall\_32 -10.6 8.733 -10.4 8.541  
427 : DLOAD step LeftWall\_32 -10.8 8.921 -10.6 8.733  
428 : DLOAD step LeftWall\_32 -11 9.105 -10.8 8.921  
429 : DLOAD step LeftWall\_32 -11.2 9.285 -11 9.105  
430 : DLOAD step LeftWall\_32 -11.4 9.462 -11.2 9.285  
431 : DLOAD step LeftWall\_32 -11.6 9.635 -11.4 9.462  
432 : DLOAD step LeftWall\_32 -11.8 9.806 -11.6 9.635  
433 : DLOAD step LeftWall\_32 -12 9.973 -11.8 9.806  
434 : DLOAD step LeftWall\_32 -12.2 10.14 -12 9.973  
435 : DLOAD step LeftWall\_32 -12.4 10.3 -12.2 10.14  
436 : DLOAD step LeftWall\_32 -12.6 10.46 -12.4 10.3  
437 : DLOAD step LeftWall\_32 -12.8 10.62 -12.6 10.46

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```
438 : DLOAD step LeftWall_32 -13 10.77 -12.8 10.62
439 : DLOAD step LeftWall_32 -13.2 10.93 -13 10.77
440 : DLOAD step LeftWall_32 -13.4 11.08 -13.2 10.93
441 : DLOAD step LeftWall_32 -13.6 11.22 -13.4 11.08
442 : DLOAD step LeftWall_32 -13.8 11.37 -13.6 11.22
443 : DLOAD step LeftWall_32 -14 11.52 -13.8 11.37
444 : DLOAD step LeftWall_32 -14 11.52 -14 11.52
445 : ENDSTEP
```

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD /	
1	0.0000	0.0000 /	2	0.0000	-0.20000	/	3	0.0000	-0.40000 /
5	0.0000	-0.80000 /	6	0.0000	-1.0000	/	7	0.0000	-1.2000 /
9	0.0000	-1.6000 /	10	0.0000	-1.8000	/	11	0.0000	-2.0000 /
13	0.0000	-2.4000 /	14	0.0000	-2.6000	/	15	0.0000	-2.8000 /
17	0.0000	-3.2000 /	18	0.0000	-3.4000	/	19	0.0000	-3.6000 /
21	0.0000	-4.0000 /	22	0.0000	-4.2000	/	23	0.0000	-4.4000 /
25	0.0000	-4.8000 /	26	0.0000	-5.0000	/	27	0.0000	-5.2000 /
29	0.0000	-5.6000 /	30	0.0000	-5.8000	/	31	0.0000	-6.0000 /
33	0.0000	-6.4000 /	34	0.0000	-6.6000	/	35	0.0000	-6.8000 /
37	0.0000	-7.2000 /	38	0.0000	-7.4000	/	39	0.0000	-7.6000 /
41	0.0000	-8.0000 /	42	0.0000	-8.2000	/	43	0.0000	-8.4000 /
45	0.0000	-8.8000 /	46	0.0000	-9.0000	/	47	0.0000	-9.2000 /
49	0.0000	-9.6000 /	50	0.0000	-9.8000	/	51	0.0000	-10.000 /
53	0.0000	-10.400 /	54	0.0000	-10.600	/	55	0.0000	-10.800 /
57	0.0000	-11.200 /	58	0.0000	-11.400	/	59	0.0000	-11.600 /
61	0.0000	-12.000 /	62	0.0000	-12.200	/	63	0.0000	-12.400 /
65	0.0000	-12.800 /	66	0.0000	-13.000	/	67	0.0000	-13.200 /
69	0.0000	-13.600 /	70	0.0000	-13.800	/	71	0.0000	-14.000 /

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ELEMENT GROUP NO. 1

0\_L :  
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....  
.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 1.00000

material set no. 2  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 2.00000

material set no. 3  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 3.00000

material set no. 4  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 4.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000



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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000

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ELEMENT GROUP NO. 2

0\_R  
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....  
.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

material set no. 4

prop( 1) angle 180.000  
prop( 2) layer as foreseen 4.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000

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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33  
2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -5.500 PRESSURE 2.764  
Z-COORD 0.000 PRESSURE 2.764

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 28

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
28	-.5400E+01	0.4171607E+00 /	27	-.5200E+01	0.5579172E+00 /	26	-.5000E+01	0.5579172E+00 /
25	-.4800E+01	0.5579186E+00 /	24	-.4600E+01	0.5579186E+00 /	23	-.4400E+01	0.5579186E+00 /
22	-.4200E+01	0.5579186E+00 /	21	-.4000E+01	0.5579172E+00 /	20	-.3800E+01	0.5579172E+00 /
19	-.3600E+01	0.5579186E+00 /	18	-.3400E+01	0.5579186E+00 /	17	-.3200E+01	0.5579200E+00 /
16	-.3000E+01	0.5579200E+00 /	15	-.2800E+01	0.5579186E+00 /	14	-.2600E+01	0.5579186E+00 /
13	-.2400E+01	0.5579186E+00 /	12	-.2200E+01	0.5579186E+00 /	11	-.2000E+01	0.5579186E+00 /
10	-.1800E+01	0.5579186E+00 /	9	-.1600E+01	0.5579186E+00 /	8	-.1400E+01	0.5579186E+00 /
7	-.1200E+01	0.5579186E+00 /	6	-.1000E+01	0.5579186E+00 /	5	-.8000E+00	0.5579186E+00 /
4	-.6000E+00	0.5579186E+00 /	3	-.4000E+00	0.5579186E+00 /	2	-.2000E+00	0.5579186E+00 /
1	0.0000E+00	0.2789593E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 15.202

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
 AT Y-COORD 0.000 Z-COORD -5.500 PRESSURE 0.8495  
 Z-COORD 0.000 PRESSURE 0.8495

L.CURVE 3

NO. OF GENERATED NODAL FORCES 28

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
28	-.5400E+01	0.1282120E+00 /	27	-.5200E+01	0.1714727E+00 /	26	-.5000E+01	0.1714727E+00 /
25	-.4800E+01	0.1714732E+00 /	24	-.4600E+01	0.1714732E+00 /	23	-.4400E+01	0.1714732E+00 /
22	-.4200E+01	0.1714732E+00 /	21	-.4000E+01	0.1714727E+00 /	20	-.3800E+01	0.1714727E+00 /
19	-.3600E+01	0.1714732E+00 /	18	-.3400E+01	0.1714732E+00 /	17	-.3200E+01	0.1714732E+00 /
16	-.3000E+01	0.1714736E+00 /	15	-.2800E+01	0.1714732E+00 /	14	-.2600E+01	0.1714732E+00 /
13	-.2400E+01	0.1714732E+00 /	12	-.2200E+01	0.1714732E+00 /	11	-.2000E+01	0.1714732E+00 /
10	-.1800E+01	0.1714732E+00 /	9	-.1600E+01	0.1714732E+00 /	8	-.1400E+01	0.1714732E+00 /
7	-.1200E+01	0.1714732E+00 /	6	-.1000E+01	0.1714732E+00 /	5	-.8000E+00	0.1714732E+00 /
4	-.6000E+00	0.1714732E+00 /	3	-.4000E+00	0.1714732E+00 /	2	-.2000E+00	0.1714732E+00 /
1	0.0000E+00	0.8573658E-01 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 4.6722

PROCESSING DISTRIBUTED LOADS CARD NO. 3  
 AT Y-COORD 0.000 Z-COORD -4.700 PRESSURE 1.984  
 Z-COORD -4.500 PRESSURE 0.000

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
24	-.4600E+01	0.1984000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.19840

PROCESSING DISTRIBUTED LOADS CARD NO. 4  
 AT Y-COORD 0.000 Z-COORD -4.900 PRESSURE 2.806  
 Z-COORD -4.700 PRESSURE 1.984

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
25	-.4800E+01	0.4790000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.47900

PROCESSING DISTRIBUTED LOADS CARD NO. 5  
 AT Y-COORD 0.000 Z-COORD -5.100 PRESSURE 3.437  
 Z-COORD -4.900 PRESSURE 2.806

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
26	-.5000E+01	0.6243000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.62430

PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -5.300 PRESSURE 3.969  
 Z-COORD -5.100 PRESSURE 3.437

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
26	-.5000E+01	0.6243000E+00 /						



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NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
27	-.5200E+01	0.7406000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.74060			
PROCESSING DISTRIBUTED LOADS CARD NO. 7							
AT Y-COORD	0.000	Z-COORD	-5.500	PRESSURE	4.437		
		Z-COORD	-5.300	PRESSURE	3.969		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
28	-.5400E+01	0.8406000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.84060			
PROCESSING DISTRIBUTED LOADS CARD NO. 8							
AT Y-COORD	0.000	Z-COORD	-5.700	PRESSURE	4.860		
		Z-COORD	-5.500	PRESSURE	4.437		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
29	-.5600E+01	0.9297000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.92970			
PROCESSING DISTRIBUTED LOADS CARD NO. 9							
AT Y-COORD	0.000	Z-COORD	-5.900	PRESSURE	5.250		
		Z-COORD	-5.700	PRESSURE	4.860		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
30	-.5800E+01	0.1011000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.0110			
PROCESSING DISTRIBUTED LOADS CARD NO. 10							
AT Y-COORD	0.000	Z-COORD	-6.100	PRESSURE	5.612		
		Z-COORD	-5.900	PRESSURE	5.250		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
31	-.6000E+01	0.1086200E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.0862			
PROCESSING DISTRIBUTED LOADS CARD NO. 11							
AT Y-COORD	0.000	Z-COORD	-6.300	PRESSURE	5.953		
		Z-COORD	-6.100	PRESSURE	5.612		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
32	-.6200E+01	0.1156500E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.1565			
PROCESSING DISTRIBUTED LOADS CARD NO. 12							
AT Y-COORD	0.000	Z-COORD	-6.500	PRESSURE	6.275		
		Z-COORD	-6.300	PRESSURE	5.953		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
33	-.6400E+01	0.1222800E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.2228			

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PROCESSING DISTRIBUTED LOADS CARD NO. 13  
 AT Y-COORD 0.000 Z-COORD -6.700 PRESSURE 6.581  
 Z-COORD -6.500 PRESSURE 6.275  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 34 -.6600E+01 0.1285600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2856

PROCESSING DISTRIBUTED LOADS CARD NO. 14  
 AT Y-COORD 0.000 Z-COORD -6.900 PRESSURE 6.874  
 Z-COORD -6.700 PRESSURE 6.581  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 35 -.6800E+01 0.1345500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3455

PROCESSING DISTRIBUTED LOADS CARD NO. 15  
 AT Y-COORD 0.000 Z-COORD -7.100 PRESSURE 7.154  
 Z-COORD -6.900 PRESSURE 6.874  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 36 -.7000E+01 0.1402800E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4028

PROCESSING DISTRIBUTED LOADS CARD NO. 16  
 AT Y-COORD 0.000 Z-COORD -7.300 PRESSURE 7.425  
 Z-COORD -7.100 PRESSURE 7.154  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 37 -.7200E+01 0.1457900E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4579

PROCESSING DISTRIBUTED LOADS CARD NO. 17  
 AT Y-COORD 0.000 Z-COORD -7.500 PRESSURE 7.685  
 Z-COORD -7.300 PRESSURE 7.425  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 38 -.7400E+01 0.1511000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5110

PROCESSING DISTRIBUTED LOADS CARD NO. 18  
 AT Y-COORD 0.000 Z-COORD -7.700 PRESSURE 7.937  
 Z-COORD -7.500 PRESSURE 7.685  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 39 -.7600E+01 0.1562200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5622

PROCESSING DISTRIBUTED LOADS CARD NO. 19  
 AT Y-COORD 0.000 Z-COORD -7.900 PRESSURE 8.181  
 Z-COORD -7.700 PRESSURE 7.937

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L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
40	-.7800E+01	0.1611800E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.6118			
PROCESSING DISTRIBUTED LOADS CARD NO.	20						
AT Y-COORD	0.000	Z-COORD -8.100	PRESSURE	8.419			
		Z-COORD -7.900	PRESSURE	8.181			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
41	-.8000E+01	0.1660000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.6600			
PROCESSING DISTRIBUTED LOADS CARD NO.	21						
AT Y-COORD	0.000	Z-COORD -8.300	PRESSURE	8.649			
		Z-COORD -8.100	PRESSURE	8.419			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
42	-.8200E+01	0.1706800E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.7068			
PROCESSING DISTRIBUTED LOADS CARD NO.	22						
AT Y-COORD	0.000	Z-COORD -8.500	PRESSURE	8.874			
		Z-COORD -8.300	PRESSURE	8.649			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
43	-.8400E+01	0.1752300E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.7523			
PROCESSING DISTRIBUTED LOADS CARD NO.	23						
AT Y-COORD	0.000	Z-COORD -8.700	PRESSURE	9.093			
		Z-COORD -8.500	PRESSURE	8.874			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
44	-.8600E+01	0.1796700E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.7967			
PROCESSING DISTRIBUTED LOADS CARD NO.	24						
AT Y-COORD	0.000	Z-COORD -8.900	PRESSURE	9.307			
		Z-COORD -8.700	PRESSURE	9.093			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
45	-.8800E+01	0.1840000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.8400			
PROCESSING DISTRIBUTED LOADS CARD NO.	25						
AT Y-COORD	0.000	Z-COORD -9.100	PRESSURE	9.516			
		Z-COORD -8.900	PRESSURE	9.307			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
46	-.9000E+01	0.1882300E+01 /					

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8823

PROCESSING DISTRIBUTED LOADS CARD NO. 26  
 AT Y-COORD 0.000 Z-COORD -9.300 PRESSURE 9.721  
 Z-COORD -9.100 PRESSURE 9.516

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 47 -.9200E+01 0.1923700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9237

PROCESSING DISTRIBUTED LOADS CARD NO. 27  
 AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 9.921  
 Z-COORD -9.300 PRESSURE 9.721

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 48 -.9400E+01 0.1964200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9642

PROCESSING DISTRIBUTED LOADS CARD NO. 28  
 AT Y-COORD 0.000 Z-COORD -9.700 PRESSURE 10.12  
 Z-COORD -9.500 PRESSURE 9.921

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 49 -.9600E+01 0.2004100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0041

PROCESSING DISTRIBUTED LOADS CARD NO. 29  
 AT Y-COORD 0.000 Z-COORD -9.900 PRESSURE 10.31  
 Z-COORD -9.700 PRESSURE 10.12

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 50 -.9800E+01 0.2043000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0430

PROCESSING DISTRIBUTED LOADS CARD NO. 30  
 AT Y-COORD 0.000 Z-COORD -10.10 PRESSURE 10.50  
 Z-COORD -9.900 PRESSURE 10.31

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 51 -.1000E+02 0.2081000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0810

PROCESSING DISTRIBUTED LOADS CARD NO. 31  
 AT Y-COORD 0.000 Z-COORD -10.30 PRESSURE 10.69  
 Z-COORD -10.10 PRESSURE 10.50

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 52 -.1020E+02 0.2119000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1190

PROCESSING DISTRIBUTED LOADS CARD NO. 32

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AT Y-COORD 0.000 Z-COORD -10.50 PRESSURE 10.87  
 Z-COORD -10.30 PRESSURE 10.69  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

53 -.1040E+02 0.2156000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1560

PROCESSING DISTRIBUTED LOADS CARD NO. 33  
 AT Y-COORD 0.000 Z-COORD -10.70 PRESSURE 11.05  
 Z-COORD -10.50 PRESSURE 10.87  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

54 -.1060E+02 0.2192000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1920

PROCESSING DISTRIBUTED LOADS CARD NO. 34  
 AT Y-COORD 0.000 Z-COORD -10.90 PRESSURE 11.22  
 Z-COORD -10.70 PRESSURE 11.05  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

55 -.1080E+02 0.2227000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2270

PROCESSING DISTRIBUTED LOADS CARD NO. 35  
 AT Y-COORD 0.000 Z-COORD -11.10 PRESSURE 11.40  
 Z-COORD -10.90 PRESSURE 11.22  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

56 -.1100E+02 0.2262000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2620

PROCESSING DISTRIBUTED LOADS CARD NO. 36  
 AT Y-COORD 0.000 Z-COORD -11.30 PRESSURE 11.57  
 Z-COORD -11.10 PRESSURE 11.40  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

57 -.1120E+02 0.2297000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2970

PROCESSING DISTRIBUTED LOADS CARD NO. 37  
 AT Y-COORD 0.000 Z-COORD -11.50 PRESSURE 11.74  
 Z-COORD -11.30 PRESSURE 11.57  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

58 -.1140E+02 0.2331000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3310

PROCESSING DISTRIBUTED LOADS CARD NO. 38  
 AT Y-COORD 0.000 Z-COORD -11.70 PRESSURE 11.91  
 Z-COORD -11.50 PRESSURE 11.74  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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59	-.1160E+02	0.2365000E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			2.3650		
PROCESSING DISTRIBUTED LOADS CARD NO. 39					
AT Y-COORD	0.000	Z-COORD -11.90	PRESSURE	12.07	
		Z-COORD -11.70	PRESSURE	11.91	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL
60	-.1180E+02	0.2398000E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			2.3980		
PROCESSING DISTRIBUTED LOADS CARD NO. 40					
AT Y-COORD	0.000	Z-COORD -12.10	PRESSURE	12.23	
		Z-COORD -11.90	PRESSURE	12.07	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL
61	-.1200E+02	0.2430000E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			2.4300		
PROCESSING DISTRIBUTED LOADS CARD NO. 41					
AT Y-COORD	0.000	Z-COORD -12.30	PRESSURE	12.39	
		Z-COORD -12.10	PRESSURE	12.23	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL
62	-.1220E+02	0.2462000E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			2.4620		
PROCESSING DISTRIBUTED LOADS CARD NO. 42					
AT Y-COORD	0.000	Z-COORD -12.50	PRESSURE	12.55	
		Z-COORD -12.30	PRESSURE	12.39	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL
63	-.1240E+02	0.2494000E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			2.4940		
PROCESSING DISTRIBUTED LOADS CARD NO. 43					
AT Y-COORD	0.000	Z-COORD -12.70	PRESSURE	12.71	
		Z-COORD -12.50	PRESSURE	12.55	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL
64	-.1260E+02	0.2526000E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			2.5260		
PROCESSING DISTRIBUTED LOADS CARD NO. 44					
AT Y-COORD	0.000	Z-COORD -12.90	PRESSURE	12.86	
		Z-COORD -12.70	PRESSURE	12.71	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL
65	-.1280E+02	0.2557000E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			2.5570		

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PROCESSING DISTRIBUTED LOADS CARD NO. 45  
AT Y-COORD 0.000 Z-COORD -13.10 PRESSURE 13.01  
L.CURVE 3 Z-COORD -12.90 PRESSURE 12.86

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
66 -.1300E+02 0.2587000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5870

PROCESSING DISTRIBUTED LOADS CARD NO. 46  
AT Y-COORD 0.000 Z-COORD -13.30 PRESSURE 13.16  
L.CURVE 3 Z-COORD -13.10 PRESSURE 13.01

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
67 -.1320E+02 0.2617000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6170

PROCESSING DISTRIBUTED LOADS CARD NO. 47  
AT Y-COORD 0.000 Z-COORD -13.50 PRESSURE 13.31  
L.CURVE 3 Z-COORD -13.30 PRESSURE 13.16

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
68 -.1340E+02 0.2647000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6470

PROCESSING DISTRIBUTED LOADS CARD NO. 48  
AT Y-COORD 0.000 Z-COORD -13.70 PRESSURE 13.46  
L.CURVE 3 Z-COORD -13.50 PRESSURE 13.31

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
69 -.1360E+02 0.2677000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6770

PROCESSING DISTRIBUTED LOADS CARD NO. 49  
AT Y-COORD 0.000 Z-COORD -13.90 PRESSURE 13.60  
L.CURVE 3 Z-COORD -13.70 PRESSURE 13.46

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
70 -.1380E+02 0.2706000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.7060

PROCESSING DISTRIBUTED LOADS CARD NO. 50  
AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 13.68  
L.CURVE 3 Z-COORD -13.90 PRESSURE 13.60

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
71 -.1400E+02 0.1364000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3640

PROCESSING DISTRIBUTED LOADS CARD NO. 51  
AT Y-COORD 0.000 Z-COORD -6.200 PRESSURE 1.821  
L.CURVE 3 Z-COORD -6.000 PRESSURE 0.000

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NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
32	-.6200E+01	0.1821000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.18210			
PROCESSING DISTRIBUTED LOADS CARD NO. 52							
AT Y-COORD	0.000	Z-COORD	-6.400	PRESSURE	2.575		
		Z-COORD	-6.200	PRESSURE	1.821		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
33	-.6400E+01	0.4396000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.43960			
PROCESSING DISTRIBUTED LOADS CARD NO. 53							
AT Y-COORD	0.000	Z-COORD	-6.600	PRESSURE	3.154		
		Z-COORD	-6.400	PRESSURE	2.575		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
34	-.6600E+01	0.5729000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.57290			
PROCESSING DISTRIBUTED LOADS CARD NO. 54							
AT Y-COORD	0.000	Z-COORD	-6.800	PRESSURE	3.642		
		Z-COORD	-6.600	PRESSURE	3.154		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
35	-.6800E+01	0.6796000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.67960			
PROCESSING DISTRIBUTED LOADS CARD NO. 55							
AT Y-COORD	0.000	Z-COORD	-7.000	PRESSURE	4.072		
		Z-COORD	-6.800	PRESSURE	3.642		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
36	-.7000E+01	0.7714000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.77140			
PROCESSING DISTRIBUTED LOADS CARD NO. 56							
AT Y-COORD	0.000	Z-COORD	-7.200	PRESSURE	4.460		
		Z-COORD	-7.000	PRESSURE	4.072		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
37	-.7200E+01	0.8532000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.85320			
PROCESSING DISTRIBUTED LOADS CARD NO. 57							
AT Y-COORD	0.000	Z-COORD	-7.400	PRESSURE	4.818		
		Z-COORD	-7.200	PRESSURE	4.460		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
38	-.7400E+01	0.9278000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.92780			



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PROCESSING DISTRIBUTED LOADS CARD NO. 58  
 AT Y-COORD 0.000 Z-COORD -7.600 PRESSURE 5.150  
 Z-COORD -7.400 PRESSURE 4.818  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 39 -.7600E+01 0.9968000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.99680

PROCESSING DISTRIBUTED LOADS CARD NO. 59  
 AT Y-COORD 0.000 Z-COORD -7.800 PRESSURE 5.463  
 Z-COORD -7.600 PRESSURE 5.150  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 40 -.7800E+01 0.1061300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0613

PROCESSING DISTRIBUTED LOADS CARD NO. 60  
 AT Y-COORD 0.000 Z-COORD -8.000 PRESSURE 5.758  
 Z-COORD -7.800 PRESSURE 5.463  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 41 -.8000E+01 0.1122100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1221

PROCESSING DISTRIBUTED LOADS CARD NO. 61  
 AT Y-COORD 0.000 Z-COORD -8.200 PRESSURE 6.039  
 Z-COORD -8.000 PRESSURE 5.758  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 42 -.8200E+01 0.1179700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1797

PROCESSING DISTRIBUTED LOADS CARD NO. 62  
 AT Y-COORD 0.000 Z-COORD -8.400 PRESSURE 6.308  
 Z-COORD -8.200 PRESSURE 6.039  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 43 -.8400E+01 0.1234700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2347

PROCESSING DISTRIBUTED LOADS CARD NO. 63  
 AT Y-COORD 0.000 Z-COORD -8.600 PRESSURE 6.565  
 Z-COORD -8.400 PRESSURE 6.308  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 44 -.8600E+01 0.1287300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2873

PROCESSING DISTRIBUTED LOADS CARD NO. 64  
 AT Y-COORD 0.000 Z-COORD -8.800 PRESSURE 6.813  
 Z-COORD -8.600 PRESSURE 6.565

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
45	-.8800E+01	0.1337800E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3378

PROCESSING DISTRIBUTED LOADS CARD NO. 65

AT Y-COORD 0.000 Z-COORD -9.000 PRESSURE 7.052

Z-COORD -8.800 PRESSURE 6.813

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
46	-.9000E+01	0.1386500E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3865

PROCESSING DISTRIBUTED LOADS CARD NO. 66

AT Y-COORD 0.000 Z-COORD -9.200 PRESSURE 7.284

Z-COORD -9.000 PRESSURE 7.052

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
47	-.9200E+01	0.1433600E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4336

PROCESSING DISTRIBUTED LOADS CARD NO. 67

AT Y-COORD 0.000 Z-COORD -9.400 PRESSURE 7.508

Z-COORD -9.200 PRESSURE 7.284

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
48	-.9400E+01	0.1479200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4792

PROCESSING DISTRIBUTED LOADS CARD NO. 68

AT Y-COORD 0.000 Z-COORD -9.600 PRESSURE 7.725

Z-COORD -9.400 PRESSURE 7.508

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
49	-.9600E+01	0.1523300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5233

PROCESSING DISTRIBUTED LOADS CARD NO. 69

AT Y-COORD 0.000 Z-COORD -9.800 PRESSURE 7.937

Z-COORD -9.600 PRESSURE 7.725

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
50	-.9800E+01	0.1566200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5662

PROCESSING DISTRIBUTED LOADS CARD NO. 70

AT Y-COORD 0.000 Z-COORD -10.000 PRESSURE 8.143

Z-COORD -9.800 PRESSURE 7.937

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
51	-.1000E+02	0.1608000E+01 /				

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6080

PROCESSING DISTRIBUTED LOADS CARD NO. 71  
AT Y-COORD 0.000 Z-COORD -10.20 PRESSURE 8.344  
Z-COORD -10.00 PRESSURE 8.143

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
52 -.1020E+02 0.1648700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6487

PROCESSING DISTRIBUTED LOADS CARD NO. 72  
AT Y-COORD 0.000 Z-COORD -10.40 PRESSURE 8.541  
Z-COORD -10.20 PRESSURE 8.344

L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
53 -.1040E+02 0.8541204E+00 / 52 -.1020E+02 0.8343796E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6885

PROCESSING DISTRIBUTED LOADS CARD NO. 73  
AT Y-COORD 0.000 Z-COORD -10.60 PRESSURE 8.733  
Z-COORD -10.40 PRESSURE 8.541

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
54 -.1060E+02 0.1727400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7274

PROCESSING DISTRIBUTED LOADS CARD NO. 74  
AT Y-COORD 0.000 Z-COORD -10.80 PRESSURE 8.921  
Z-COORD -10.60 PRESSURE 8.733

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
55 -.1080E+02 0.1765400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7654

PROCESSING DISTRIBUTED LOADS CARD NO. 75  
AT Y-COORD 0.000 Z-COORD -11.00 PRESSURE 9.105  
Z-COORD -10.80 PRESSURE 8.921

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
56 -.1100E+02 0.1802600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8026

PROCESSING DISTRIBUTED LOADS CARD NO. 76  
AT Y-COORD 0.000 Z-COORD -11.20 PRESSURE 9.285  
Z-COORD -11.00 PRESSURE 9.105

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
57 -.1120E+02 0.1839000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8390

PROCESSING DISTRIBUTED LOADS CARD NO. 77

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AT Y-COORD 0.000 Z-COORD -11.40 PRESSURE 9.462  
 Z-COORD -11.20 PRESSURE 9.285  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

58 -.1140E+02 0.1874700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8747

PROCESSING DISTRIBUTED LOADS CARD NO. 78  
 AT Y-COORD 0.000 Z-COORD -11.60 PRESSURE 9.635  
 Z-COORD -11.40 PRESSURE 9.462  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

59 -.1160E+02 0.1909700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9097

PROCESSING DISTRIBUTED LOADS CARD NO. 79  
 AT Y-COORD 0.000 Z-COORD -11.80 PRESSURE 9.806  
 Z-COORD -11.60 PRESSURE 9.635  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

60 -.1180E+02 0.1944100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9441

PROCESSING DISTRIBUTED LOADS CARD NO. 80  
 AT Y-COORD 0.000 Z-COORD -12.00 PRESSURE 9.973  
 Z-COORD -11.80 PRESSURE 9.806  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

61 -.1200E+02 0.1977900E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9779

PROCESSING DISTRIBUTED LOADS CARD NO. 81  
 AT Y-COORD 0.000 Z-COORD -12.20 PRESSURE 10.14  
 Z-COORD -12.00 PRESSURE 9.973  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

62 -.1220E+02 0.2011300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0113

PROCESSING DISTRIBUTED LOADS CARD NO. 82  
 AT Y-COORD 0.000 Z-COORD -12.40 PRESSURE 10.30  
 Z-COORD -12.20 PRESSURE 10.14  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

63 -.1240E+02 0.2044000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0440

PROCESSING DISTRIBUTED LOADS CARD NO. 83  
 AT Y-COORD 0.000 Z-COORD -12.60 PRESSURE 10.46  
 Z-COORD -12.40 PRESSURE 10.30  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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64 -.1260E+02 0.2076000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0760

PROCESSING DISTRIBUTED LOADS CARD NO. 84  
 AT Y-COORD 0.000 Z-COORD -12.80 PRESSURE 10.62  
 Z-COORD -12.60 PRESSURE 10.46  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

65 -.1280E+02 0.2108000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1080

PROCESSING DISTRIBUTED LOADS CARD NO. 85  
 AT Y-COORD 0.000 Z-COORD -13.00 PRESSURE 10.77  
 Z-COORD -12.80 PRESSURE 10.62  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

66 -.1300E+02 0.2139000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1390

PROCESSING DISTRIBUTED LOADS CARD NO. 86  
 AT Y-COORD 0.000 Z-COORD -13.20 PRESSURE 10.93  
 Z-COORD -13.00 PRESSURE 10.77  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

67 -.1320E+02 0.2170000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1700

PROCESSING DISTRIBUTED LOADS CARD NO. 87  
 AT Y-COORD 0.000 Z-COORD -13.40 PRESSURE 11.08  
 Z-COORD -13.20 PRESSURE 10.93  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

68 -.1340E+02 0.2201000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2010

PROCESSING DISTRIBUTED LOADS CARD NO. 88  
 AT Y-COORD 0.000 Z-COORD -13.60 PRESSURE 11.22  
 Z-COORD -13.40 PRESSURE 11.08  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

69 -.1360E+02 0.2230000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2300

PROCESSING DISTRIBUTED LOADS CARD NO. 89  
 AT Y-COORD 0.000 Z-COORD -13.80 PRESSURE 11.37  
 Z-COORD -13.60 PRESSURE 11.22  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

70 -.1380E+02 0.2259000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2590

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PROCESSING DISTRIBUTED LOADS CARD NO. 90  
AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 11.52  
Z-COORD -13.80 PRESSURE 11.37  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
71	-.1400E+02	0.2289000E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2890

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 91  
AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 11.52  
Z-COORD -14.00 PRESSURE 11.52  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
71	-.1400E+02	0.2289000E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2890

NO. OF DISTRIBUTED LOAD CARDS 91

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L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 170.04565  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100



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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO.	1	NAME	&gt;= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	&gt;= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	&gt;= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	&gt;= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	&gt;= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	&gt;= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	&gt;= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	&gt;= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	&gt;= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	&gt;= 37.000	(BOTH WALLS)	

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.42700 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.48900 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 2.8880 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 2.7030 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO.	59	D-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.37600	WALL NO.	1
ITEM NO.	61	D-KP	3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.42700	WALL NO.	1
ITEM NO.	96	D-KAEW	0.48900	WALL NO.	1
ITEM NO.	97	D-KPED	2.8880	WALL NO.	1
ITEM NO.	98	D-KPEW	2.7030	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.24100	WALL NO.	1
ITEM NO.	46	U-KAEW	0.27100	WALL NO.	1
ITEM NO.	47	U-KPED	7.2420	WALL NO.	1
ITEM NO.	48	U-KPEW	6.9970	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.24100	WALL NO.	1
ITEM NO.	96	D-KAEW	0.27100	WALL NO.	1
ITEM NO.	97	D-KPED	7.2420	WALL NO.	1
ITEM NO.	98	D-KPEW	6.9970	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.24100	WALL NO.	1
ITEM NO.	46	U-KAEW	0.27100	WALL NO.	1
ITEM NO.	47	U-KPED	7.2420	WALL NO.	1
ITEM NO.	48	U-KPEW	7.0030	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.24100	WALL NO.	1
ITEM NO.	96	D-KAEW	0.27100	WALL NO.	1
ITEM NO.	97	D-KPED	7.2420	WALL NO.	1
ITEM NO.	98	D-KPEW	7.0030	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	

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ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	= 0.25100	WALL NO.	1
ITEM NO.	46	U-KAEW	= 0.28200	WALL NO.	1
ITEM NO.	47	U-KPED	= 6.7150	WALL NO.	1
ITEM NO.	48	U-KPEW	= 6.4880	WALL NO.	1
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21500	WALL NO.	1
ITEM NO.	61	D-KP	= 6.9780	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	= 0.25100	WALL NO.	1
ITEM NO.	96	D-KAEW	= 0.28200	WALL NO.	1
ITEM NO.	97	D-KPED	= 6.7150	WALL NO.	1
ITEM NO.	98	D-KPEW	= 6.4880	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 12 VALUES



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PHASE DESCRIPTORS

STEP NO. 1

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	0.000	0.000
Z-WATER_TABLE	-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 1

STEP NO. 2

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-5.500	0.000
Z-WATER_TABLE	-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-5.500	0.000
Z-WATER_TABLE	-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6760E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	26.57	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:37:28

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.800000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.200000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.600000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.00000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.00000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.00000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.00000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.00000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 26.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 27.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 27.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 6118

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.7197E-27 REMNOR= 0.000 RATIO =0.6781E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.6781E-16 RATIOR= 0.000  
MAX UN=0.1421E-13 IEQ= 129 NODE 65 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.1025E-28 REMNOR=0.5119E-53 RATIO =0.8094E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.8094E-17 RATIOR= 0.000  
MAX UN=0.9315E-15 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.4755E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.8357E-29 REMNOR=0.1126E-52 RATIO =0.7307E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.7307E-17 RATIOR= 0.000  
MAX UN=0.1027E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.3214E-15 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:37:28

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:37:28

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-1.95561E-17	1.95561E-17	6.31089E-30	3.91122E-18	
2 1.65361E-16	1.65361E-16	3.91122E-18	2.91611E-17	
3-3.13868E-16	3.13868E-16	2.91611E-17	3.36125E-17	
4-3.47015E-16	3.47015E-16	3.36125E-17	1.03016E-16	
5-3.78157E-16	3.78157E-16	1.03016E-16	1.78647E-16	
6-4.07271E-16	4.07271E-16	1.78647E-16	2.60101E-16	
7-4.34326E-16	4.34326E-16	2.60101E-16	3.46966E-16	
8-4.59277E-16	4.59277E-16	3.46966E-16	4.38822E-16	
9-5.31705E-16	5.31705E-16	4.38822E-16	5.45162E-16	
10-5.97031E-16	5.97031E-16	5.45162E-16	6.64569E-16	
11-6.54972E-16	6.54972E-16	6.64569E-16	7.95563E-16	
12-7.05183E-16	7.05183E-16	7.95563E-16	9.36600E-16	
13-7.47258E-16	7.47258E-16	9.36600E-16	1.08605E-15	
14-7.80729E-16	7.80729E-16	1.08605E-15	1.24220E-15	
15-8.05073E-16	8.05073E-16	1.24220E-15	1.40321E-15	
16-8.19711E-16	8.19711E-16	1.40321E-15	1.56715E-15	
17-8.24023E-16	8.24023E-16	1.56715E-15	1.73196E-15	
18-8.17352E-16	8.17352E-16	1.73196E-15	1.89543E-15	
19-7.99023E-16	7.99023E-16	1.89543E-15	2.05523E-15	
20-7.68354E-16	7.68354E-16	2.05523E-15	2.20890E-15	
21-7.24675E-16	7.24675E-16	2.20890E-15	2.35384E-15	
22-6.67347E-16	6.67347E-16	2.35384E-15	2.48731E-15	
23-5.95780E-16	5.95780E-16	2.48731E-15	2.60647E-15	
24-5.09459E-16	5.09459E-16	2.60647E-15	2.70836E-15	
25-4.07961E-16	4.07961E-16	2.70836E-15	2.78995E-15	
26-2.61738E-16	2.61738E-16	2.78995E-15	2.84230E-15	
27 3.45675E-15	3.45675E-15	2.84230E-15	2.15095E-15	
28 3.64209E-15	3.64209E-15	2.15095E-15	1.42253E-15	
29 3.84674E-15	3.84674E-15	1.42253E-15	6.53181E-16	
30 4.07020E-15	4.07020E-15	6.53181E-16	1.60859E-16	
31 4.31168E-15	4.31168E-15	1.60859E-16	1.02319E-15	
32 4.57011E-15	4.57011E-15	1.02319E-15	1.93721E-15	
33 4.84406E-15	4.84406E-15	1.93721E-15	2.90603E-15	
34 5.13185E-15	5.13185E-15	2.90603E-15	3.93240E-15	
35 5.43146E-15	5.43146E-15	3.93240E-15	5.01869E-15	
36 5.74059E-15	5.74059E-15	5.01869E-15	6.16680E-15	
37 6.05667E-15	6.05667E-15	6.16680E-15	7.37814E-15	
38 6.37691E-15	6.37691E-15	7.37814E-15	8.65352E-15	
39-4.07129E-16	4.07129E-16	8.65352E-15	8.57209E-15	
40-8.77508E-17	8.77508E-17	8.57209E-15	8.55454E-15	
41 2.26344E-16	2.26344E-16	8.55454E-15	8.59981E-15	
42 5.31818E-16	5.31818E-16	8.59981E-15	8.70618E-15	
43-6.28012E-15	6.28012E-15	8.70618E-15	7.45015E-15	
44-1.31074E-14	1.31074E-14	7.45015E-15	4.82869E-15	
45-1.28477E-14	1.28477E-14	4.82869E-15	2.25914E-15	
46-1.26099E-14	1.26099E-14	2.25914E-15	2.62831E-16	
47-5.29133E-15	5.29133E-15	2.62831E-16	1.32110E-15	
48 1.99957E-15	1.99957E-15	1.32110E-15	9.21184E-16	
49 2.15468E-15	2.15468E-15	9.21184E-16	4.90250E-16	
50 9.38233E-15	9.38233E-15	4.90250E-16	1.38622E-15	
51 9.46929E-15	9.46929E-15	1.38622E-15	3.28012E-15	
52 9.53487E-15	9.53487E-15	3.28012E-15	5.18700E-15	
53 2.44284E-15	2.44284E-15	5.18700E-15	5.67557E-15	
54-4.70374E-15	4.70374E-15	5.67557E-15	4.73482E-15	
55-4.80153E-15	4.80153E-15	4.73482E-15	3.77452E-15	
56-4.95776E-15	4.95776E-15	3.77452E-15	2.78296E-15	
57-5.17394E-15	5.17394E-15	2.78296E-15	1.74817E-15	
58-5.45129E-15	5.45129E-15	1.74817E-15	6.57917E-16	
59-5.79070E-15	5.79070E-15	6.57917E-16	5.00224E-16	
60-6.19283E-15	6.19283E-15	5.00224E-16	1.73879E-15	
61-6.65803E-15	6.65803E-15	1.73879E-15	3.07040E-15	
62-7.18645E-15	7.18645E-15	3.07040E-15	4.50768E-15	
63-7.77804E-15	7.77804E-15	4.50768E-15	6.06329E-15	
64-8.43261E-15	8.43261E-15	6.06329E-15	7.74982E-15	
65 5.06096E-15	5.06096E-15	7.74982E-15	6.73762E-15	
66 4.28130E-15	4.28130E-15	6.73762E-15	5.88136E-15	
67 1.05450E-14	1.05450E-14	5.88136E-15	3.77236E-15	
68 9.64144E-15	9.64144E-15	3.77236E-15	1.84408E-15	

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69 8.67625E-15-8.67625E-15 1.84408E-15-1.08827E-16  
70 5.44106E-16-5.44106E-16 1.08827E-16-2.52435E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM=0.1476E+05 REMNOR=0.1126E-52 RATIO =0.2841 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.2841 RATIOR= 0.000  
MAX UN= 21.84 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F  
MIN UN=-26.47 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM= 270.3 REMNOR=0.4115E-19 RATIO =0.3845E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.3845E-01 RATIOR= 0.000  
MAX UN= 9.909 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.1498 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM= 60.37 REMNOR=0.2173E-19 RATIO =0.1817E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.1817E-01 RATIOR= 0.000  
MAX UN= 5.987 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
MIN UN=-.8566 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM=0.5643 REMNOR=0.1516E-19 RATIO =0.1757E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.1757E-02 RATIOR= 0.000  
MAX UN=0.6670 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
MIN UN=-.3330E-01 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1829E+06 RIMNOR=0.2052E-26  
RENORM=0.3807E-05 REMNOR=0.1616E-19 RATIO =0.4563E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 62.21 RMMAX =0.8706E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1829E+06 RDR =0.1000E-19  
RATIOT=0.4563E-05 RATIOR= 0.000  
MAX UN=0.1053E-08 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
MIN UN=-.1951E-02 IEQ= 71 NODE 36 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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Exe Time : 8 June 2018 11:37:28

New Project  
SOLUTION REACHED USING 5 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	5.7150554E-03	-1.0324250E-03
2	5.5085704E-03	-1.0324250E-03
3	5.3020854E-03	-1.0324250E-03
4	5.0956004E-03	-1.0324250E-03
5	4.8891154E-03	-1.0324250E-03
6	4.6826305E-03	-1.0324231E-03
7	4.4761473E-03	-1.0324051E-03
8	4.2696719E-03	-1.0323360E-03
9	4.0632201E-03	-1.0321589E-03
10	3.8568178E-03	-1.0318404E-03
11	3.6504933E-03	-1.0313805E-03
12	3.4442752E-03	-1.0307765E-03
13	3.2381932E-03	-1.0300156E-03
14	3.0322813E-03	-1.0290697E-03
15	2.8265805E-03	-1.0278968E-03
16	2.6211414E-03	-1.0264418E-03
17	2.4160262E-03	-1.0246349E-03
18	2.2113154E-03	-1.0223932E-03
19	2.0071043E-03	-1.0196206E-03
20	1.8035099E-03	-1.0162070E-03
21	1.6006735E-03	-1.0120286E-03
22	1.3987628E-03	-1.0068991E-03
23	1.1979982E-03	-1.0005043E-03
24	9.9867603E-04	-9.9238577E-04
25	8.0119902E-04	-9.8194008E-04
26	6.0610522E-04	-9.6841615E-04
27	4.1409602E-04	-9.5095478E-04
28	2.2605204E-04	-9.2857686E-04
29	4.3069609E-05	-9.0013391E-04
30	-1.3356431E-04	-8.6513269E-04
31	-3.0257117E-04	-8.2394695E-04
32	-4.6277170E-04	-7.7720233E-04
33	-6.1313365E-04	-7.2569311E-04
34	-7.5279060E-04	-6.7030870E-04
35	-8.8106487E-04	-6.1204034E-04
36	-9.9748803E-04	-5.5199135E-04
37	-1.1018166E-03	-4.9127853E-04
38	-1.1940194E-03	-4.3087359E-04
39	-1.2742394E-03	-3.7156818E-04
40	-1.3427626E-03	-3.1400088E-04
41	-1.3999895E-03	-2.5868060E-04
42	-1.4464112E-03	-2.0600614E-04
43	-1.4825887E-03	-1.5628289E-04
44	-1.5091362E-03	-1.0973733E-04
45	-1.5267061E-03	-6.6529977E-05
46	-1.5359776E-03	-2.6765651E-05
47	-1.5376460E-03	9.4952753E-06
48	-1.5324147E-03	4.2229010E-05
49	-1.5209892E-03	7.1440337E-05
50	-1.5040717E-03	9.7155612E-05
51	-1.4823573E-03	1.1941718E-04
52	-1.4565309E-03	1.3827769E-04
53	-1.4272606E-03	1.5393550E-04
54	-1.3951488E-03	1.6673347E-04
55	-1.3607357E-03	1.7700364E-04
56	-1.3244944E-03	1.8506764E-04
57	-1.2868352E-03	1.9123286E-04
58	-1.2481085E-03	1.9579005E-04
59	-1.2086083E-03	1.9901128E-04
60	-1.1685762E-03	2.0114827E-04
61	-1.1282059E-03	2.0243101E-04
62	-1.0876470E-03	2.0306660E-04
63	-1.0470102E-03	2.0323836E-04
64	-1.0063720E-03	2.0310500E-04
65	-9.6577963E-04	2.0280004E-04
66	-9.2525623E-04	2.0243119E-04
67	-8.8480598E-04	2.0207992E-04
68	-8.4441944E-04	2.0180102E-04
69	-8.0407896E-04	2.0162132E-04
70	-7.6376448E-04	2.0153808E-04
71	-7.2345748E-04	2.0151835E-04





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33 D	27.74	6.1313E-04	143.3 121.3 143.3	123.5	UL-RL 5.1419E+04 -6.400 17.37 1.000 1.000
138.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	29.20	7.5279E-04	145.9 126.8 145.9	127.7	UL-RL 5.1419E+04 -6.600 19.20 1.000 1.000
146.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	30.51	8.8106E-04	149.4 131.5 149.4	131.9	UL-RL 5.1419E+04 -6.800 21.03 1.000 1.000
152.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	31.75	9.9749E-04	152.4 135.9 152.4	135.9	UL-RL 5.1419E+04 -7.000 22.86 1.000 1.000
158.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	32.91	1.1018E-03	155.5 139.9 155.5	139.9	V-C 2.0513E+04 -7.200 24.69 1.000 1.000
164.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	34.01	1.1940E-03	158.4 143.5 158.4	143.5	V-C 2.0513E+04 -7.400 26.51 1.000 1.000
170.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	35.06	1.2742E-03	161.8 146.9 161.8	146.9	V-C 2.0513E+04 -7.600 28.34 1.000 1.000
175.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	36.06	1.3428E-03	164.7 150.1 164.7	150.1	V-C 2.0513E+04 -7.800 30.17 1.000 1.000
180.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	37.02	1.4000E-03	167.7 153.1 167.7	153.1	V-C 2.0513E+04 -8.000 32.00 1.000 1.000
185.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	37.93	1.4464E-03	170.6 155.8 170.6	155.8	V-C 2.0513E+04 -8.200 33.83 1.000 1.000
189.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	38.79	1.4826E-03	173.9 158.3 173.9	158.3	V-C 2.0513E+04 -8.400 35.66 1.000 1.000
194.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	39.62	1.5091E-03	176.4 160.6 176.4	160.6	V-C 2.0513E+04 -8.600 37.49 1.000 1.000
198.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	40.41	1.5267E-03	179.6 162.8 179.6	162.8	V-C 2.0513E+04 -8.800 39.31 1.000 1.000
202.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	41.17	1.5360E-03	182.5 164.7 182.5	164.7	V-C 2.0513E+04 -9.000 41.14 1.000 1.000
205.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	41.90	1.5376E-03	185.6 166.5 185.6	166.5	V-C 2.0513E+04 -9.200 42.97 1.000 1.000
209.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	42.59	1.5324E-03	188.2 168.2 188.2	168.2	V-C 2.0513E+04 -9.400 44.80 1.000 1.000
213.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	43.27	1.5210E-03	191.3 169.7 191.3	169.7	V-C 2.0513E+04 -9.600 46.63 1.000 1.000
216.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	43.92	1.5041E-03	194.1 171.1 194.1	171.1	V-C 2.0513E+04 -9.800 48.46 1.000 1.000
219.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	44.55	1.4824E-03	196.9 172.4 196.9	172.4	V-C 2.0513E+04 -10.00 50.29 1.000 1.000
222.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	46.98	1.4565E-03	199.7 182.8 199.7	182.8	V-C 2.6763E+04 -10.20 52.11 1.000 1.000
234.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	47.54	1.4273E-03	202.8 183.8 202.8	183.8	V-C 2.6763E+04 -10.40 53.94 1.000 1.000
237.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	48.09	1.3951E-03	205.3 184.7 205.3	184.7	V-C 2.6763E+04 -10.60 55.77 1.000 1.000
240.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	48.62	1.3607E-03	208.4 185.5 208.4	185.5	V-C 2.6763E+04 -10.80 57.60 1.000 1.000
243.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	49.15	1.3245E-03	211.1 186.3 211.1	186.3	V-C 2.6763E+04 -11.00 59.43 1.000 1.000
245.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	49.67	1.2868E-03	214.1 187.1 214.1	187.1	V-C 2.6763E+04 -11.20 61.26 1.000 1.000
248.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	50.18	1.2481E-03	216.6 187.8 216.6	187.8	V-C 2.6763E+04 -11.40 63.09 1.000 1.000
250.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	50.69	1.2086E-03	219.6 188.5 219.6	188.5	V-C 2.6763E+04 -11.60 64.91 1.000 1.000
253.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	51.20	1.1686E-03	222.4 189.2 222.4	189.2	V-C 2.6763E+04 -11.80 66.74 1.000 1.000
256.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	51.70	1.1282E-03	225.1 189.9 225.1	189.9	V-C 2.6763E+04 -12.00 68.57 1.000 1.000
258.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	52.20	1.0876E-03	227.8 190.6 227.8	190.6	V-C 2.6763E+04 -12.20 70.40 1.000 1.000
261.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	52.71	1.0470E-03	230.8 191.3 230.8	191.3	V-C 2.6763E+04 -12.40 72.23 1.000 1.000
263.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	53.21	1.0064E-03	233.3 192.0 233.3	192.0	V-C 2.6763E+04 -12.60 74.06 1.000 1.000
266.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	53.72	9.6578E-04	236.2 192.7 236.2	192.7	V-C 2.6763E+04 -12.80 75.89 1.000 1.000
268.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	54.22	9.2526E-04	238.9 193.4 238.9	193.4	V-C 2.6763E+04 -13.00 77.71 1.000 1.000
271.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	54.73	8.8481E-04	241.9 194.1 241.9	194.1	V-C 2.6763E+04 -13.20 79.54 1.000 1.000
273.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	55.21	8.4442E-04	244.3 194.7 244.3	194.9	UL-RL 6.6907E+04 -13.40 81.37 1.000 1.000
276.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	55.67	8.0408E-04	247.3 195.2 247.3	195.7	UL-RL 6.6907E+04 -13.60 83.20 1.000 1.000
278.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	56.14	7.6376E-04	249.9 195.7 249.9	196.6	UL-RL 6.6907E+04 -13.80 85.03 1.000 1.000
280.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	28.31	7.2346E-04	252.7 196.2 252.7	197.4	UL-RL 6.6907E+04 -14.00 86.86 1.000 1.000
283.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_		



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33 D	42.58	-6.1313E-04	15.24	208.6	75.08	224.3	UL-RL	2.5564E+04	-6.400	4.343	1.000	1.000
212.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	45.72	-7.5279E-04	17.51	222.1	77.52	241.3	UL-RL	2.5564E+04	-6.600	6.514	1.000	1.000
228.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	48.91	-8.8106E-04	19.77	235.8	79.96	258.4	UL-RL	2.5564E+04	-6.800	8.686	1.000	1.000
244.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	48.69	-9.9749E-04	22.04	232.6	82.40	258.1	UL-RL	2.5564E+04	-7.000	10.86	1.000	1.000
243.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	46.74	-1.1018E-03	24.31	220.6	84.84	248.8	UL-RL	2.5564E+04	-7.200	13.03	1.000	1.000
233.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	45.22	-1.1940E-03	26.58	210.9	87.28	241.4	UL-RL	2.5564E+04	-7.400	15.20	1.000	1.000
226.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	44.05	-1.2742E-03	28.85	202.9	89.72	235.5	UL-RL	2.5564E+04	-7.600	17.37	1.000	1.000
220.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	43.17	-1.3428E-03	31.12	196.3	92.16	230.6	UL-RL	2.5564E+04	-7.800	19.54	1.000	1.000
215.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	42.52	-1.4000E-03	33.39	190.9	94.60	226.7	UL-RL	2.5564E+04	-8.000	21.71	1.000	1.000
212.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	42.08	-1.4464E-03	35.65	186.5	97.04	223.5	UL-RL	2.5564E+04	-8.200	23.89	1.000	1.000
210.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	41.81	-1.4826E-03	37.92	183.0	99.48	220.9	UL-RL	2.5564E+04	-8.400	26.06	1.000	1.000
209.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	41.68	-1.5091E-03	40.19	180.2	101.9	218.8	UL-RL	2.5564E+04	-8.600	28.23	1.000	1.000
208.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	41.69	-1.5267E-03	42.46	178.0	104.4	217.1	UL-RL	2.5564E+04	-8.800	30.40	1.000	1.000
208.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	41.80	-1.5360E-03	44.73	176.4	106.8	215.7	UL-RL	2.5564E+04	-9.000	32.57	1.000	1.000
209.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	42.02	-1.5376E-03	47.00	175.3	109.2	214.7	UL-RL	2.5564E+04	-9.200	34.74	1.000	1.000
210.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	42.32	-1.5324E-03	49.27	174.7	111.7	213.9	UL-RL	2.5564E+04	-9.400	36.91	1.000	1.000
211.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	42.70	-1.5210E-03	51.53	174.4	114.1	213.3	UL-RL	2.5564E+04	-9.600	39.09	1.000	1.000
213.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	43.15	-1.5041E-03	53.80	174.5	116.6	212.9	UL-RL	2.5564E+04	-9.800	41.26	1.000	1.000
215.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	43.66	-1.4824E-03	56.07	174.8	119.0	212.7	UL-RL	2.5564E+04	-10.00	43.43	1.000	1.000
218.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	41.54	-1.4565E-03	58.34	162.1	121.4	212.7	UL-RL	3.4740E+04	-10.20	45.60	1.000	1.000
207.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	42.20	-1.4273E-03	60.61	163.2	123.9	212.8	UL-RL	3.4740E+04	-10.40	47.77	1.000	1.000
211.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	42.90	-1.3951E-03	62.88	164.6	126.3	213.0	UL-RL	3.4740E+04	-10.60	49.94	1.000	1.000
214.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	43.64	-1.3607E-03	65.15	166.1	128.8	213.3	UL-RL	3.4740E+04	-10.80	52.11	1.000	1.000
218.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	44.41	-1.3245E-03	67.41	167.8	131.2	213.8	UL-RL	3.4740E+04	-11.00	54.29	1.000	1.000
222.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	45.21	-1.2868E-03	69.68	169.6	133.6	214.3	UL-RL	3.4740E+04	-11.20	56.46	1.000	1.000
226.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	46.03	-1.2481E-03	71.95	171.5	136.1	214.9	UL-RL	3.4740E+04	-11.40	58.63	1.000	1.000
230.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	46.87	-1.2086E-03	74.22	173.6	138.5	215.6	UL-RL	3.4740E+04	-11.60	60.80	1.000	1.000
234.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	47.73	-1.1686E-03	76.49	175.7	141.0	216.3	UL-RL	3.4740E+04	-11.80	62.97	1.000	1.000
238.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	48.61	-1.1282E-03	78.76	177.9	143.4	217.1	UL-RL	3.4740E+04	-12.00	65.14	1.000	1.000
243.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	49.50	-1.0876E-03	81.03	180.2	145.8	218.0	UL-RL	3.4740E+04	-12.20	67.31	1.000	1.000
247.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	50.39	-1.0470E-03	83.29	182.5	148.3	218.9	UL-RL	3.4740E+04	-12.40	69.49	1.000	1.000
252.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	51.30	-1.0064E-03	85.56	184.9	150.7	219.8	UL-RL	3.4740E+04	-12.60	71.66	1.000	1.000
256.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	52.22	-9.6578E-04	87.83	187.3	153.2	220.8	UL-RL	3.4740E+04	-12.80	73.83	1.000	1.000
261.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	53.14	-9.2526E-04	90.10	189.7	155.6	221.9	UL-RL	3.4740E+04	-13.00	76.00	1.000	1.000
265.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	54.07	-8.8481E-04	92.37	192.2	158.0	222.9	UL-RL	3.4740E+04	-13.20	78.17	1.000	1.000
270.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	55.01	-8.4442E-04	94.64	194.7	160.5	224.0	UL-RL	3.4740E+04	-13.40	80.34	1.000	1.000
275.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	55.96	-8.0408E-04	96.91	197.3	162.9	225.2	UL-RL	3.4740E+04	-13.60	82.51	1.000	1.000
279.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	56.91	-7.6376E-04	99.17	199.8	165.4	226.4	UL-RL	3.4740E+04	-13.80	84.69	1.000	1.000
284.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	28.93	-7.2346E-04	101.4	202.5	167.8	227.6	UL-RL	3.4740E+04	-14.00	86.86	1.000	1.000
289.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:37:28

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	4.23142E-10	-4.23142E-10	4.04299E-11	-1.17410E-10
2	1.13687E-10	-1.13687E-10	1.70985E-10	-2.12822E-10
3	5.77525E-11	-5.77525E-11	2.31623E-10	-1.51573E-10
4	6.43463E-11	-6.43463E-11	1.67489E-10	-1.36140E-10
5	6.11933E-02	-6.11933E-02	7.61275E-11	1.22387E-02
6	0.44419	-0.44419	-1.22387E-02	0.10108
7	1.1777	-1.1777	-0.10108	0.33662
8	2.2371	-2.2371	-0.33662	0.78403
9	2.2371	-2.2371	-0.78403	1.2314
10	2.2371	-2.2371	-1.2314	1.6788
11	2.3214	-2.3214	-1.6788	2.1431
12	2.6432	-2.6432	-2.1431	2.6718
13	3.2134	-3.2134	-2.6718	3.3144
14	3.9659	-3.9659	-3.3144	4.1076
15	4.9602	-4.9602	-4.1076	5.0997
16	6.1733	-6.1733	-5.0997	6.3343
17	7.5854	-7.5854	-6.3343	7.8514
18	9.2121	-9.2121	-7.8514	9.6938
19	11.068	-11.068	-9.6938	11.907
20	13.133	-13.133	-11.907	14.534
21	16.959	-16.959	-14.534	17.926
22	23.075	-23.075	-17.926	22.541
23	31.464	-31.464	-22.541	28.834
24	42.169	-42.169	-28.834	37.267
25	55.228	-55.228	-37.267	48.313
26	69.358	-69.358	-48.313	62.184
27	86.201	-86.201	-62.184	79.425
28	105.70	-105.70	-79.425	100.56
29	101.81	-101.81	-100.56	120.93
30	93.873	-93.873	-120.93	139.70
31	82.019	-82.019	-139.70	156.10
32	68.728	-68.728	-156.10	169.85
33	53.884	-53.884	-169.85	180.63
34	37.366	-37.366	-180.63	188.10
35	18.974	-18.974	-188.10	191.89
36	2.0388	-2.0388	-191.89	192.30
37	-11.790	11.790	-192.30	189.94
38	-23.000	23.000	-189.94	185.34
39	-31.994	31.994	-185.34	178.95
40	-39.103	39.103	-178.95	171.13
41	-44.612	44.612	-171.13	162.20
42	-48.766	48.766	-162.20	152.45
43	-51.778	51.778	-152.45	142.09
44	-53.837	53.837	-142.09	131.33
45	-55.109	55.109	-131.33	120.30
46	-55.740	55.740	-120.30	109.16
47	-55.862	55.862	-109.16	97.985
48	-55.589	55.589	-97.985	86.867
49	-55.024	55.024	-86.867	75.862
50	-54.257	54.257	-75.862	65.011
51	-53.367	53.367	-65.011	54.337
52	-47.929	47.929	-54.337	44.752
53	-42.585	42.585	-44.752	36.235
54	-37.395	37.395	-36.235	28.756
55	-32.409	32.409	-28.756	22.274
56	-27.669	27.669	-22.274	16.740
57	-23.210	23.210	-16.740	12.098
58	-19.060	19.060	-12.098	8.2860
59	-15.245	15.245	-8.2860	5.2370
60	-11.784	11.784	-5.2370	2.8803
61	-8.6921	8.6921	-2.8803	1.1418
62	-5.9839	5.9839	-1.1418	-5.49409E-02
63	-3.6700	3.6700	5.49409E-02	-0.78894
64	-1.7599	1.7599	0.78894	-1.1409
65	-0.26152	0.26152	1.1409	-1.1932
66	0.81790	-0.81790	1.1932	-1.0296
67	1.4719	-1.4719	1.0296	-0.73524
68	1.6665	-1.6665	0.73524	-0.40195

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69 1.3857 -1.3857 0.40195 -0.12481  
70 0.62400 -0.62400 0.12481 -2.25597E-13

ITER 0 RNORM = 588.2 RMNORM= 0.000  
RINORM=0.3875E+06 RIMNOR=0.1072E+07  
RENORM= 589.6 REMNOR=0.1616E-19 RATIO =0.3901E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 105.7 RMMAX = 192.3  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3875E+06 RDR =0.1072E+07  
RATIOT=0.3901E-01 RATIOR= 0.000  
MAX UN= 5.942 IEQ= 141 NODE 71 DOF 1 Y-DISPL.F  
MIN UN=-.5357E-10 IEQ= 4 NODE 2 DOF 2 X-ROT.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 588.2 RMNORM= 0.000  
RINORM=0.3875E+06 RIMNOR=0.1072E+07  
RENORM= 5.328 REMNOR=0.2851E-19 RATIO =0.3708E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 105.7 RMMAX = 192.3  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3875E+06 RDR =0.1072E+07  
RATIOT=0.3708E-02 RATIOR= 0.000  
MAX UN= 2.251 IEQ= 41 NODE 21 DOF 1 Y-DISPL.F  
MIN UN=-.1415E-08 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 588.2 RMNORM= 0.000  
RINORM=0.3875E+06 RIMNOR=0.1072E+07  
RENORM=0.3530E-01 REMNOR=0.1933E-19 RATIO =0.3018E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 105.7 RMMAX = 192.3  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3875E+06 RDR =0.1072E+07  
RATIOT=0.3018E-03 RATIOR= 0.000  
MAX UN=0.1879 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
MIN UN=-.1178E-08 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 588.2 RMNORM= 0.000  
RINORM=0.3875E+06 RIMNOR=0.1072E+07  
RENORM=0.5722E-17 REMNOR=0.2480E-19 RATIO =0.3843E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 105.7 RMMAX = 192.3  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3875E+06 RDR =0.1072E+07  
RATIOT=0.3843E-11 RATIOR= 0.000  
MAX UN=0.1187E-08 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.6838E-09 IEQ= 7 NODE 4 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:37:28

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	7.2008914E-03	-1.2919549E-03
2	6.9425012E-03	-1.2919434E-03
3	6.6841172E-03	-1.2918858E-03
4	6.4257531E-03	-1.2917359E-03
5	6.1674320E-03	-1.2914478E-03
6	5.9091864E-03	-1.2909732E-03
7	5.6510592E-03	-1.2902522E-03
8	5.3931074E-03	-1.2892033E-03
9	5.1354065E-03	-1.2877238E-03
10	4.8780519E-03	-1.2857340E-03
11	4.6211500E-03	-1.2831878E-03
12	4.3648171E-03	-1.2800365E-03
13	4.1091797E-03	-1.2762212E-03
14	3.8543778E-03	-1.2716675E-03
15	3.6005678E-03	-1.2662875E-03
16	3.3479247E-03	-1.2599800E-03
17	3.0966441E-03	-1.2526289E-03
18	2.8469500E-03	-1.2441054E-03
19	2.5990896E-03	-1.2342671E-03
20	2.3533412E-03	-1.2229581E-03
21	2.1100170E-03	-1.2100082E-03
22	1.8694608E-03	-1.1952345E-03
23	1.6320578E-03	-1.1784416E-03
24	1.3982372E-03	-1.1593528E-03
25	1.1684991E-03	-1.1375285E-03
26	9.4344947E-04	-1.1123489E-03
27	7.2383330E-04	-1.0830788E-03
28	5.1054898E-04	-1.0488600E-03
29	3.0468890E-04	-1.0086471E-03
30	1.0751679E-04	-9.6203439E-04
31	-7.9728643E-05	-9.0947854E-04
32	-2.5592587E-04	-8.5170447E-04
33	-4.2012218E-04	-7.8962003E-04
34	-5.7155247E-04	-7.2421445E-04
35	-7.0965735E-04	-6.5654978E-04
36	-8.3409859E-04	-5.8777819E-04
37	-9.4477077E-04	-5.1904680E-04
38	-1.0417851E-03	-4.5134145E-04
39	-1.1254286E-03	-3.8545423E-04
40	-1.1961299E-03	-3.2201223E-04
41	-1.2544290E-03	-2.6150277E-04
42	-1.3009510E-03	-2.0429443E-04
43	-1.3363847E-03	-1.5065504E-04
44	-1.3614632E-03	-1.0076740E-04
45	-1.3769491E-03	-5.4743133E-05
46	-1.3836213E-03	-1.2633883E-05
47	-1.3822639E-03	2.5556706E-05
48	-1.3736575E-03	5.9864512E-05
49	-1.3585725E-03	9.0356396E-05
50	-1.3377634E-03	1.1712274E-04
51	-1.3119647E-03	1.4027148E-04
52	-1.2818873E-03	1.5992211E-04
53	-1.2482123E-03	1.7633983E-04
54	-1.2115448E-03	1.8988091E-04
55	-1.1724305E-03	2.0086337E-04
56	-1.1313478E-03	2.0961991E-04
57	-1.0887098E-03	2.1646750E-04
58	-1.0448682E-03	2.2170466E-04
59	-1.0001168E-03	2.2560922E-04
60	-9.5469632E-04	2.2843638E-04
61	-9.0879869E-04	2.3041708E-04
62	-8.6257224E-04	2.3175657E-04
63	-8.1612691E-04	2.3263328E-04
64	-7.6953974E-04	2.3319777E-04
65	-7.2286050E-04	2.3357189E-04
66	-6.7611752E-04	2.3384800E-04
67	-6.2932369E-04	2.3408823E-04
68	-5.8248254E-04	2.3432380E-04
69	-5.3559455E-04	2.3455358E-04
70	-4.8866384E-04	2.3474236E-04
71	-4.4170268E-04	2.3481992E-04









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33 D	43.57	-4.2012E-04	15.24	213.5	75.08	224.3	UL-RL	2.5564E+04	-6.400	4.343	1.000	1.000	
217.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
34 D	46.64	-5.7155E-04	17.51	226.7	77.52	241.3	UL-RL	2.5564E+04	-6.600	6.514	1.000	1.000	
233.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
35 D	49.78	-7.0966E-04	19.77	240.2	79.96	258.4	UL-RL	2.5564E+04	-6.800	8.686	1.000	1.000	
248.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
36 D	49.53	-8.3410E-04	22.04	236.8	82.40	258.1	UL-RL	2.5564E+04	-7.000	10.86	1.000	1.000	
247.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
37 D	47.54	-9.4477E-04	24.31	224.7	84.84	248.8	UL-RL	2.5564E+04	-7.200	13.03	1.000	1.000	
237.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
38 D	46.00	-1.0418E-03	26.58	214.8	87.28	241.4	UL-RL	2.5564E+04	-7.400	15.20	1.000	1.000	
230.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
39 D	44.81	-1.1254E-03	28.85	206.7	89.72	235.5	UL-RL	2.5564E+04	-7.600	17.37	1.000	1.000	
224.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
40 D	43.92	-1.1961E-03	31.12	200.1	92.16	230.6	UL-RL	2.5564E+04	-7.800	19.54	1.000	1.000	
219.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
41 D	43.27	-1.2544E-03	33.39	194.6	94.60	226.7	UL-RL	2.5564E+04	-8.000	21.71	1.000	1.000	
216.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
42 D	42.82	-1.3010E-03	35.65	190.2	97.04	223.5	UL-RL	2.5564E+04	-8.200	23.89	1.000	1.000	
214.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
43 D	42.55	-1.3364E-03	37.92	186.7	99.48	220.9	UL-RL	2.5564E+04	-8.400	26.06	1.000	1.000	
212.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
44 D	42.44	-1.3615E-03	40.19	184.0	101.9	218.8	UL-RL	2.5564E+04	-8.600	28.23	1.000	1.000	
212.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
45 D	42.45	-1.3769E-03	42.46	181.9	104.4	217.1	UL-RL	2.5564E+04	-8.800	30.40	1.000	1.000	
212.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
46 D	42.58	-1.3836E-03	44.73	180.3	106.8	215.7	UL-RL	2.5564E+04	-9.000	32.57	1.000	1.000	
212.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
47 D	42.81	-1.3823E-03	47.00	179.3	109.2	214.7	UL-RL	2.5564E+04	-9.200	34.74	1.000	1.000	
214.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
48 D	43.13	-1.3737E-03	49.27	178.8	111.7	213.9	UL-RL	2.5564E+04	-9.400	36.91	1.000	1.000	
215.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
49 D	43.53	-1.3586E-03	51.53	178.6	114.1	213.3	UL-RL	2.5564E+04	-9.600	39.09	1.000	1.000	
217.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
50 D	44.00	-1.3378E-03	53.80	178.7	116.6	212.9	UL-RL	2.5564E+04	-9.800	41.26	1.000	1.000	
220.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
51 D	44.53	-1.3120E-03	56.07	179.2	119.0	212.7	UL-RL	2.5564E+04	-10.00	43.43	1.000	1.000	
222.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_										
52 D	42.75	-1.2819E-03	58.34	168.2	121.4	212.7	UL-RL	3.4740E+04	-10.20	45.60	1.000	1.000	
213.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
53 D	43.44	-1.2482E-03	60.61	169.4	123.9	212.8	UL-RL	3.4740E+04	-10.40	47.77	1.000	1.000	
217.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
54 D	44.17	-1.2115E-03	62.88	170.9	126.3	213.0	UL-RL	3.4740E+04	-10.60	49.94	1.000	1.000	
220.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
55 D	44.95	-1.1724E-03	65.15	172.6	128.8	213.3	UL-RL	3.4740E+04	-10.80	52.11	1.000	1.000	
224.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
56 D	45.75	-1.1313E-03	67.41	174.5	131.2	213.8	UL-RL	3.4740E+04	-11.00	54.29	1.000	1.000	
228.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
57 D	46.59	-1.0887E-03	69.68	176.5	133.6	214.3	UL-RL	3.4740E+04	-11.20	56.46	1.000	1.000	
232.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
58 D	47.44	-1.0449E-03	71.95	178.6	136.1	214.9	UL-RL	3.4740E+04	-11.40	58.63	1.000	1.000	
237.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
59 D	48.32	-1.0001E-03	74.22	180.8	138.5	215.6	UL-RL	3.4740E+04	-11.60	60.80	1.000	1.000	
241.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
60 D	49.22	-9.5470E-04	76.49	183.1	141.0	216.3	UL-RL	3.4740E+04	-11.80	62.97	1.000	1.000	
246.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
61 D	50.13	-9.0880E-04	78.76	185.5	143.4	217.1	UL-RL	3.4740E+04	-12.00	65.14	1.000	1.000	
250.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
62 D	51.06	-8.6257E-04	81.03	188.0	145.8	218.0	UL-RL	3.4740E+04	-12.20	67.31	1.000	1.000	
255.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
63 D	52.00	-8.1613E-04	83.29	190.5	148.3	218.9	UL-RL	3.4740E+04	-12.40	69.49	1.000	1.000	
260.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
64 D	52.95	-7.6954E-04	85.56	193.1	150.7	219.8	UL-RL	3.4740E+04	-12.60	71.66	1.000	1.000	
264.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
65 D	53.91	-7.2286E-04	87.83	195.7	153.2	220.8	UL-RL	3.4740E+04	-12.80	73.83	1.000	1.000	
269.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
66 D	54.87	-6.7612E-04	90.10	198.4	155.6	221.9	UL-RL	3.4740E+04	-13.00	76.00	1.000	1.000	
274.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
67 D	55.85	-6.2932E-04	92.37	201.1	158.0	222.9	UL-RL	3.4740E+04	-13.20	78.17	1.000	1.000	
279.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
68 D	56.83	-5.8248E-04	94.64	203.8	160.5	224.0	UL-RL	3.4740E+04	-13.40	80.34	1.000	1.000	
284.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
69 D	57.82	-5.3559E-04	96.91	206.6	162.9	225.2	UL-RL	3.4740E+04	-13.60	82.51	1.000	1.000	
289.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
70 D	58.82	-4.8866E-04	99.17	209.4	165.4	226.4	UL-RL	3.4740E+04	-13.80	84.69	1.000	1.000	
294.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_										
71 D	29.91	-4.4170E-04	101.4	212.2	167.8	227.6	UL-RL	3.4740E+04	-14.00	86.86	1.000	1.000	
299.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_										

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.36470	-0.36470	6.15943E-11	7.29392E-02
2	1.0941	-1.0941	-7.29392E-02	0.29176
3	1.8235	-1.8235	-0.29176	0.65645
4	2.5529	-2.5529	-0.65645	1.1670
5	3.3435	-3.3435	-1.1670	1.8357
6	4.4558	-4.4558	-1.8357	2.7269
7	5.9187	-5.9187	-2.7269	3.9106
8	7.7075	-7.7075	-3.9106	5.4521
9	8.4369	-8.4369	-5.4521	7.1395
10	9.1663	-9.1663	-7.1395	8.9728
11	9.9800	-9.9800	-8.9728	10.969
12	11.031	-11.031	-10.969	13.175
13	12.331	-12.331	-13.175	15.641
14	13.813	-13.813	-15.641	18.404
15	15.536	-15.536	-18.404	21.511
16	17.479	-17.479	-21.511	25.007
17	19.620	-19.620	-25.007	28.931
18	21.976	-21.976	-28.931	33.326
19	24.562	-24.562	-33.326	38.239
20	27.356	-27.356	-38.239	43.710
21	30.347	-30.347	-43.710	49.779
22	33.543	-33.543	-49.779	56.488
23	39.100	-39.100	-56.488	64.308
24	47.454	-47.454	-64.308	73.798
25	58.708	-58.708	-73.798	85.540
26	70.722	-70.722	-85.540	99.684
27	85.850	-85.850	-99.684	116.85
28	103.81	-103.81	-116.85	137.62
29	98.683	-98.683	-137.62	157.35
30	89.361	-89.361	-157.35	175.22
31	75.755	-75.755	-175.22	190.38
32	60.618	-60.618	-190.38	202.50
33	44.464	-44.464	-202.50	211.39
34	27.014	-27.014	-211.39	216.79
35	8.0090	-8.0090	-216.79	218.40
36	-9.2700	9.2700	-218.40	216.54
37	-23.205	23.205	-216.54	211.90
38	-34.321	34.321	-211.90	205.04
39	-43.047	43.047	-205.04	196.43
40	-49.740	49.740	-196.43	186.48
41	-54.708	54.708	-186.48	175.54
42	-58.215	58.215	-175.54	163.90
43	-60.492	60.492	-163.90	151.80
44	-61.740	61.740	-151.80	139.45
45	-62.140	62.140	-139.45	127.02
46	-61.848	61.848	-127.02	114.65
47	-61.005	61.005	-114.65	102.45
48	-59.733	59.733	-102.45	90.504
49	-58.141	58.141	-90.504	78.876
50	-56.326	56.326	-78.876	67.611
51	-54.370	54.370	-67.611	56.737
52	-47.880	47.880	-56.737	47.161
53	-43.166	43.166	-47.161	38.528
54	-37.789	37.789	-38.528	30.970
55	-32.639	32.639	-30.970	24.442
56	-27.761	27.761	-24.442	18.890
57	-23.194	23.194	-18.890	14.251
58	-18.970	18.970	-14.251	10.457
59	-15.119	15.119	-10.457	7.4333
60	-11.663	11.663	-7.4333	5.1007
61	-8.6244	8.6244	-5.1007	3.3758
62	-6.0185	6.0185	-3.3758	2.1721
63	-3.8603	3.8603	-2.1721	1.4000
64	-2.1629	2.1629	-1.4000	0.96744
65	-0.93799	0.93799	-0.96744	0.77984
66	-0.19744	0.19744	-0.77984	0.74036
67	4.97702E-02	-4.97702E-02	0.74036	0.75031
68	-0.23272	0.23272	-0.75031	0.70377

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69	-1.0647	1.0647	-0.70377	0.49083
70	-2.4540	2.4540	-0.49083	-2.11164E-12

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	5
3	CONVERGENCE :YES	4

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.27 [sec]

DATABASE CREATION CPU TIME..... 0.11 [sec]

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## Design Assumption : SISMICA GEO - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
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```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SISMICAGEO\_3865

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.01 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	71
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	142
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	445
NO. OF LONG NAMES (LASTNAME) .....	16
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	



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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 445

```
1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -14 0 1
7 : SOIL 0_L LeftWall_32 -14 0 1 0
8 : SOIL 0_R LeftWall_32 -14 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosa2_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : LDATA sabbialimosoghiaiosa3_236_221_L_0 -10 LeftWall_32
31 : ATREST 0.76 2 1
32 : WEIGHT 21.4 12.2 10
33 : PERMEABILITY 1E-05
34 : RESISTANCE 30 36 0 0 0
35 : YOUNG 1E+05 2.5E+05
36 : ENDL
37 : MATERIAL Fe360_108 2.06E+08
38 : MATERIAL C2530_104 3.148E+07
39 : BEAM WallElement_33 LeftWall_32 -14 0 C2530_104 0.6225 00 00 0
40 : STRIP LeftWall_32 1 3 1.5 28.5 0 20 45
41 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
42 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
43 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
44 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
45 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
46 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
47 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
48 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
49 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
50 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
51 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
52 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
53 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
54 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
55 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
56 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45
```

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78 : STRIP LeftWall\_32 1 1 14.8 0.4 0 50.4 45  
 79 : STRIP LeftWall\_32 1 1 15.2 0.4 0 50.4 45  
 80 : STRIP LeftWall\_32 1 1 15.6 0.4 0 50.4 45  
 81 : STRIP LeftWall\_32 1 1 16.0 0.4 0 50.4 45  
 82 : STRIP LeftWall\_32 1 1 16.4 0.4 0 50.4 45  
 83 : STRIP LeftWall\_32 1 1 16.8 0.4 0 50.4 45  
 84 : STRIP LeftWall\_32 1 1 17.2 0.4 0 50.4 45  
 85 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
 86 : STRIP LeftWall\_32 1 1 18.0 0.4 0 50.4 45  
 87 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
 88 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
 89 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
 90 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
 91 : STRIP LeftWall\_32 1 1 20.0 0.4 0 50.4 45  
 92 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
 93 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
 94 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
 95 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
 96 : STRIP LeftWall\_32 1 1 22.0 0.4 0 50.4 45  
 97 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
 98 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
 99 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
 100 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
 101 : STRIP LeftWall\_32 1 1 24.0 0.4 0 50.4 45  
 102 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
 103 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
 104 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
 105 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
 106 : STRIP LeftWall\_32 1 1 26.0 0.4 0 50.4 45  
 107 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
 108 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
 109 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
 110 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
 111 : STRIP LeftWall\_32 1 1 28.0 0.4 0 50.4 45  
 112 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
 113 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
 114 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
 115 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
 116 : STRIP LeftWall\_32 2 2 0.4 0.4 0 1.68 45  
 117 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
 118 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
 119 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
 120 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
 121 : STRIP LeftWall\_32 2 2 2.0 0.4 0 18.48 45  
 122 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
 123 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
 124 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
 125 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
 126 : STRIP LeftWall\_32 2 2 4.0 0.4 0 35.28 45  
 127 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
 128 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
 129 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
 130 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
 131 : STRIP LeftWall\_32 2 2 6.0 0.4 0 50.4 45  
 132 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
 133 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
 134 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
 135 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
 136 : STRIP LeftWall\_32 2 2 8.0 0.4 0 50.4 45  
 137 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
 138 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
 139 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
 140 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
 141 : STRIP LeftWall\_32 2 2 10.0 0.4 0 50.4 45  
 142 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
 143 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
 144 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
 145 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
 146 : STRIP LeftWall\_32 2 2 12.0 0.4 0 50.4 45  
 147 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
 148 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
 149 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
 150 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
 151 : STRIP LeftWall\_32 2 2 14.0 0.4 0 50.4 45  
 152 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
 153 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
 154 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
 155 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
 156 : STRIP LeftWall\_32 2 2 16.0 0.4 0 50.4 45  
 157 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
 158 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
 159 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
 160 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
 161 : STRIP LeftWall\_32 2 2 18.0 0.4 0 50.4 45  
 162 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
 163 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
 164 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
 165 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
 166 : STRIP LeftWall\_32 2 2 20.0 0.4 0 50.4 45  
 167 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 26 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 185 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 186 : STRIP LeftWall\_32 2 2 28 0.4 0 50.4 45  
 187 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 188 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 189 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 190 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 191 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 192 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 193 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 194 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 195 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 196 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 197 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 198 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 199 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 200 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 201 : STRIP LeftWall\_32 3 3 4 0.4 0 35.28 45  
 202 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 203 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 204 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 205 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 206 : STRIP LeftWall\_32 3 3 6 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 208 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 209 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 210 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 214 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 215 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 216 : STRIP LeftWall\_32 3 3 10 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 12 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 14 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 16 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 20 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 22 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 259 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 260 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 261 : STRIP LeftWall\_32 3 3 28 0.4 0 50.4 45  
 262 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 263 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 264 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45  
 265 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 266 : STEP Stage1\_31  
 267 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=18.76 LeftWall\_32  
 268 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=18.76 LeftWall\_32  
 269 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.449 LeftWall\_32  
 270 : CHANGE Riporto\_2\_8\_L\_0 U-KP=2.415 LeftWall\_32  
 271 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.449 LeftWall\_32  
 272 : CHANGE Riporto\_2\_8\_L\_0 D-KP=2.415 LeftWall\_32  
 273 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=31.08 LeftWall\_32  
 274 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=31.08 LeftWall\_32  
 275 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.267 LeftWall\_32  
 276 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=4.957 LeftWall\_32  
 277 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.267 LeftWall\_32  
 278 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=4.957 LeftWall\_32  
 279 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=31.08 LeftWall\_32  
 280 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=31.08 LeftWall\_32  
 281 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.267 LeftWall\_32  
 282 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=4.957 LeftWall\_32  
 283 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.267 LeftWall\_32  
 284 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=4.957 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-FRICT=30.17 LeftWall\_32  
 286 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-FRICT=30.17 LeftWall\_32  
 287 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KA=0.278 LeftWall\_32  
 288 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KP=4.67 LeftWall\_32  
 289 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KA=0.278 LeftWall\_32  
 290 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KP=4.67 LeftWall\_32  
 291 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=4 LeftWall\_32  
 292 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 293 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=4 LeftWall\_32  
 294 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 295 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=8 LeftWall\_32  
 296 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 297 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=8 LeftWall\_32  
 298 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 299 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=16 LeftWall\_32  
 300 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 301 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=16 LeftWall\_32  
 302 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 303 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-COHE=24 LeftWall\_32  
 304 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
 305 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-COHE=24 LeftWall\_32  
 306 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
 307 : SETWALL LeftWall\_32  
 308 : GEOM 0 0  
 309 : WATER -0.5 0 -14 0 0  
 310 : ADD WallElement\_33  
 311 : ENDSTEP  
 312 : STEP Stage2\_446  
 313 : SETWALL LeftWall\_32  
 314 : GEOM 0 -5.5  
 315 : WATER -4.5 1.5 -14 0 0  
 316 : ENDSTEP  
 317 : STEP Stage3\_549  
 318 : SETWALL LeftWall\_32  
 319 : GEOM 0 -5.5  
 320 : WATER -4.5 1.5 -14 0 0  
 321 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.506 LeftWall\_32  
 322 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.578 LeftWall\_32  
 323 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.283 LeftWall\_32  
 324 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.117 LeftWall\_32  
 325 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.506 LeftWall\_32  
 326 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.578 LeftWall\_32  
 327 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.283 LeftWall\_32  
 328 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.117 LeftWall\_32  
 329 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAED=0.308 LeftWall\_32  
 330 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAEW=0.344 LeftWall\_32  
 331 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPED=4.749 LeftWall\_32  
 332 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPEW=4.566 LeftWall\_32  
 333 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAED=0.308 LeftWall\_32  
 334 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAEW=0.344 LeftWall\_32  
 335 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPED=4.749 LeftWall\_32  
 336 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPEW=4.566 LeftWall\_32  
 337 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAED=0.308 LeftWall\_32  
 338 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAEW=0.343 LeftWall\_32  
 339 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPED=4.749 LeftWall\_32  
 340 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPEW=4.57 LeftWall\_32  
 341 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAED=0.308 LeftWall\_32  
 342 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAEW=0.343 LeftWall\_32  
 343 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPED=4.749 LeftWall\_32  
 344 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPEW=4.57 LeftWall\_32  
 345 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KAED=0.32 LeftWall\_32  
 346 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KAEW=0.356 LeftWall\_32  
 347 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KPED=4.471 LeftWall\_32

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348 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPEW=4.298 LeftWall\_32  
349 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAED=0.32 LeftWall\_32  
350 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAEW=0.356 LeftWall\_32  
351 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPED=4.471 LeftWall\_32  
352 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPEW=4.298 LeftWall\_32  
353 : EQK USER 0.0676 0 0 26.57 0.66 0 0.66 1 0  
354 : DLOAD step LeftWall\_32 -5.5 2.764 0 2.764  
355 : DLOAD step LeftWall\_32 -5.5 0.8495 0 0.8495  
356 : DLOAD step LeftWall\_32 -4.7 1.984 -4.5 0  
357 : DLOAD step LeftWall\_32 -4.9 2.806 -4.7 1.984  
358 : DLOAD step LeftWall\_32 -5.1 3.437 -4.9 2.806  
359 : DLOAD step LeftWall\_32 -5.3 3.969 -5.1 3.437  
360 : DLOAD step LeftWall\_32 -5.5 4.437 -5.3 3.969  
361 : DLOAD step LeftWall\_32 -5.7 4.86 -5.5 4.437  
362 : DLOAD step LeftWall\_32 -5.9 5.25 -5.7 4.86  
363 : DLOAD step LeftWall\_32 -6.1 5.612 -5.9 5.25  
364 : DLOAD step LeftWall\_32 -6.3 5.953 -6.1 5.612  
365 : DLOAD step LeftWall\_32 -6.5 6.275 -6.3 5.953  
366 : DLOAD step LeftWall\_32 -6.7 6.581 -6.5 6.275  
367 : DLOAD step LeftWall\_32 -6.9 6.874 -6.7 6.581  
368 : DLOAD step LeftWall\_32 -7.1 7.154 -6.9 6.874  
369 : DLOAD step LeftWall\_32 -7.3 7.425 -7.1 7.154  
370 : DLOAD step LeftWall\_32 -7.5 7.685 -7.3 7.425  
371 : DLOAD step LeftWall\_32 -7.7 7.937 -7.5 7.685  
372 : DLOAD step LeftWall\_32 -7.9 8.181 -7.7 7.937  
373 : DLOAD step LeftWall\_32 -8.1 8.419 -7.9 8.181  
374 : DLOAD step LeftWall\_32 -8.3 8.649 -8.1 8.419  
375 : DLOAD step LeftWall\_32 -8.5 8.874 -8.3 8.649  
376 : DLOAD step LeftWall\_32 -8.7 9.093 -8.5 8.874  
377 : DLOAD step LeftWall\_32 -8.9 9.307 -8.7 9.093  
378 : DLOAD step LeftWall\_32 -9.1 9.516 -8.9 9.307  
379 : DLOAD step LeftWall\_32 -9.3 9.721 -9.1 9.516  
380 : DLOAD step LeftWall\_32 -9.5 9.921 -9.3 9.721  
381 : DLOAD step LeftWall\_32 -9.7 10.12 -9.5 9.921  
382 : DLOAD step LeftWall\_32 -9.9 10.31 -9.7 10.12  
383 : DLOAD step LeftWall\_32 -10.1 10.5 -9.9 10.31  
384 : DLOAD step LeftWall\_32 -10.3 10.69 -10.1 10.5  
385 : DLOAD step LeftWall\_32 -10.5 10.87 -10.3 10.69  
386 : DLOAD step LeftWall\_32 -10.7 11.05 -10.5 10.87  
387 : DLOAD step LeftWall\_32 -10.9 11.22 -10.7 11.05  
388 : DLOAD step LeftWall\_32 -11.1 11.4 -10.9 11.22  
389 : DLOAD step LeftWall\_32 -11.3 11.57 -11.1 11.4  
390 : DLOAD step LeftWall\_32 -11.5 11.74 -11.3 11.57  
391 : DLOAD step LeftWall\_32 -11.7 11.91 -11.5 11.74  
392 : DLOAD step LeftWall\_32 -11.9 12.07 -11.7 11.91  
393 : DLOAD step LeftWall\_32 -12.1 12.23 -11.9 12.07  
394 : DLOAD step LeftWall\_32 -12.3 12.39 -12.1 12.23  
395 : DLOAD step LeftWall\_32 -12.5 12.55 -12.3 12.39  
396 : DLOAD step LeftWall\_32 -12.7 12.71 -12.5 12.55  
397 : DLOAD step LeftWall\_32 -12.9 12.86 -12.7 12.71  
398 : DLOAD step LeftWall\_32 -13.1 13.01 -12.9 12.86  
399 : DLOAD step LeftWall\_32 -13.3 13.16 -13.1 13.01  
400 : DLOAD step LeftWall\_32 -13.5 13.31 -13.3 13.16  
401 : DLOAD step LeftWall\_32 -13.7 13.46 -13.5 13.31  
402 : DLOAD step LeftWall\_32 -13.9 13.6 -13.7 13.46  
403 : DLOAD step LeftWall\_32 -14 13.68 -13.9 13.6  
404 : DLOAD step LeftWall\_32 -6.2 1.821 -6 0  
405 : DLOAD step LeftWall\_32 -6.4 2.575 -6.2 1.821  
406 : DLOAD step LeftWall\_32 -6.6 3.154 -6.4 2.575  
407 : DLOAD step LeftWall\_32 -6.8 3.642 -6.6 3.154  
408 : DLOAD step LeftWall\_32 -7 4.072 -6.8 3.642  
409 : DLOAD step LeftWall\_32 -7.2 4.46 -7 4.072  
410 : DLOAD step LeftWall\_32 -7.4 4.818 -7.2 4.46  
411 : DLOAD step LeftWall\_32 -7.6 5.15 -7.4 4.818  
412 : DLOAD step LeftWall\_32 -7.8 5.463 -7.6 5.15  
413 : DLOAD step LeftWall\_32 -8 5.758 -7.8 5.463  
414 : DLOAD step LeftWall\_32 -8.2 6.039 -8 5.758  
415 : DLOAD step LeftWall\_32 -8.4 6.308 -8.2 6.039  
416 : DLOAD step LeftWall\_32 -8.6 6.565 -8.4 6.308  
417 : DLOAD step LeftWall\_32 -8.8 6.813 -8.6 6.565  
418 : DLOAD step LeftWall\_32 -9 7.052 -8.8 6.813  
419 : DLOAD step LeftWall\_32 -9.2 7.284 -9 7.052  
420 : DLOAD step LeftWall\_32 -9.4 7.508 -9.2 7.284  
421 : DLOAD step LeftWall\_32 -9.6 7.725 -9.4 7.508  
422 : DLOAD step LeftWall\_32 -9.8 7.937 -9.6 7.725  
423 : DLOAD step LeftWall\_32 -10 8.143 -9.8 7.937  
424 : DLOAD step LeftWall\_32 -10.2 8.344 -10 8.143  
425 : DLOAD step LeftWall\_32 -10.4 8.541 -10.2 8.344  
426 : DLOAD step LeftWall\_32 -10.6 8.733 -10.4 8.541  
427 : DLOAD step LeftWall\_32 -10.8 8.921 -10.6 8.733  
428 : DLOAD step LeftWall\_32 -11 9.105 -10.8 8.921  
429 : DLOAD step LeftWall\_32 -11.2 9.285 -11 9.105  
430 : DLOAD step LeftWall\_32 -11.4 9.462 -11.2 9.285  
431 : DLOAD step LeftWall\_32 -11.6 9.635 -11.4 9.462  
432 : DLOAD step LeftWall\_32 -11.8 9.806 -11.6 9.635  
433 : DLOAD step LeftWall\_32 -12 9.973 -11.8 9.806  
434 : DLOAD step LeftWall\_32 -12.2 10.14 -12 9.973  
435 : DLOAD step LeftWall\_32 -12.4 10.3 -12.2 10.14  
436 : DLOAD step LeftWall\_32 -12.6 10.46 -12.4 10.3  
437 : DLOAD step LeftWall\_32 -12.8 10.62 -12.6 10.46

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```
438 : DLOAD step LeftWall_32 -13 10.77 -12.8 10.62
439 : DLOAD step LeftWall_32 -13.2 10.93 -13 10.77
440 : DLOAD step LeftWall_32 -13.4 11.08 -13.2 10.93
441 : DLOAD step LeftWall_32 -13.6 11.22 -13.4 11.08
442 : DLOAD step LeftWall_32 -13.8 11.37 -13.6 11.22
443 : DLOAD step LeftWall_32 -14 11.52 -13.8 11.37
444 : DLOAD step LeftWall_32 -14 11.52 -14 11.52
445 : ENDSTEP
```

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:37:29

N O D A L P O I N T D A T A

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1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.000	/
53	0.0000	-10.400	/	54	0.0000	-10.600	/	55	0.0000	-10.800	/
57	0.0000	-11.200	/	58	0.0000	-11.400	/	59	0.0000	-11.600	/
61	0.0000	-12.000	/	62	0.0000	-12.200	/	63	0.0000	-12.400	/
65	0.0000	-12.800	/	66	0.0000	-13.000	/	67	0.0000	-13.200	/
69	0.0000	-13.600	/	70	0.0000	-13.800	/	71	0.0000	-14.000	/

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Exe Time : 8 June 2018 11:37:29

ELEMENT GROUP NO. 1

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5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....  
.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 3.00000

material set no. 4

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 4.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000



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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000

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```

ELEMENT GROUP NO.  2

0_R
 5 71  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  4  0  0  0  0  0
.....
.....2D PLASTIC SOIL .....
.....
    
```

element group behaviour throughout stage analysis

```

stage  status
-----
 1  active
 2  active
 3  active
    
```

```

material set no.  1

prop( 1) angle          180.000
prop( 2) layer as foreseen 1.00000
    
```

```

material set no.  2

prop( 1) angle          180.000
prop( 2) layer as foreseen 2.00000
    
```

```

material set no.  3

prop( 1) angle          180.000
prop( 2) layer as foreseen 3.00000
    
```

```

material set no.  4

prop( 1) angle          180.000
prop( 2) layer as foreseen 4.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000

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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33  
2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:37:29

L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -5.500 PRESSURE 2.764  
Z-COORD 0.000 PRESSURE 2.764

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 28

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
28	-.5400E+01	0.4171607E+00 /	27	-.5200E+01	0.5579172E+00 /	26	-.5000E+01	0.5579172E+00 /
25	-.4800E+01	0.5579186E+00 /	24	-.4600E+01	0.5579186E+00 /	23	-.4400E+01	0.5579186E+00 /
22	-.4200E+01	0.5579186E+00 /	21	-.4000E+01	0.5579172E+00 /	20	-.3800E+01	0.5579172E+00 /
19	-.3600E+01	0.5579186E+00 /	18	-.3400E+01	0.5579186E+00 /	17	-.3200E+01	0.5579200E+00 /
16	-.3000E+01	0.5579200E+00 /	15	-.2800E+01	0.5579186E+00 /	14	-.2600E+01	0.5579186E+00 /
13	-.2400E+01	0.5579186E+00 /	12	-.2200E+01	0.5579186E+00 /	11	-.2000E+01	0.5579186E+00 /
10	-.1800E+01	0.5579186E+00 /	9	-.1600E+01	0.5579186E+00 /	8	-.1400E+01	0.5579186E+00 /
7	-.1200E+01	0.5579186E+00 /	6	-.1000E+01	0.5579186E+00 /	5	-.8000E+00	0.5579186E+00 /
4	-.6000E+00	0.5579186E+00 /	3	-.4000E+00	0.5579186E+00 /	2	-.2000E+00	0.5579186E+00 /
1	0.0000E+00	0.2789593E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 15.202

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
 AT Y-COORD 0.000 Z-COORD -5.500 PRESSURE 0.8495  
 Z-COORD 0.000 PRESSURE 0.8495

L.CURVE 3

NO. OF GENERATED NODAL FORCES 28

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
28	-.5400E+01	0.1282120E+00 /	27	-.5200E+01	0.1714727E+00 /	26	-.5000E+01	0.1714727E+00 /
25	-.4800E+01	0.1714732E+00 /	24	-.4600E+01	0.1714732E+00 /	23	-.4400E+01	0.1714732E+00 /
22	-.4200E+01	0.1714732E+00 /	21	-.4000E+01	0.1714727E+00 /	20	-.3800E+01	0.1714727E+00 /
19	-.3600E+01	0.1714732E+00 /	18	-.3400E+01	0.1714732E+00 /	17	-.3200E+01	0.1714732E+00 /
16	-.3000E+01	0.1714736E+00 /	15	-.2800E+01	0.1714732E+00 /	14	-.2600E+01	0.1714732E+00 /
13	-.2400E+01	0.1714732E+00 /	12	-.2200E+01	0.1714732E+00 /	11	-.2000E+01	0.1714732E+00 /
10	-.1800E+01	0.1714732E+00 /	9	-.1600E+01	0.1714732E+00 /	8	-.1400E+01	0.1714732E+00 /
7	-.1200E+01	0.1714732E+00 /	6	-.1000E+01	0.1714732E+00 /	5	-.8000E+00	0.1714732E+00 /
4	-.6000E+00	0.1714732E+00 /	3	-.4000E+00	0.1714732E+00 /	2	-.2000E+00	0.1714732E+00 /
1	0.0000E+00	0.8573658E-01 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 4.6722

PROCESSING DISTRIBUTED LOADS CARD NO. 3  
 AT Y-COORD 0.000 Z-COORD -4.700 PRESSURE 1.984  
 Z-COORD -4.500 PRESSURE 0.000

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
24	-.4600E+01	0.1984000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.19840

PROCESSING DISTRIBUTED LOADS CARD NO. 4  
 AT Y-COORD 0.000 Z-COORD -4.900 PRESSURE 2.806  
 Z-COORD -4.700 PRESSURE 1.984

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
25	-.4800E+01	0.4790000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.47900

PROCESSING DISTRIBUTED LOADS CARD NO. 5  
 AT Y-COORD 0.000 Z-COORD -5.100 PRESSURE 3.437  
 Z-COORD -4.900 PRESSURE 2.806

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
26	-.5000E+01	0.6243000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.62430

PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -5.300 PRESSURE 3.969  
 Z-COORD -5.100 PRESSURE 3.437

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
26	-.5000E+01	0.6243000E+00 /						



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NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
27	-.5200E+01	0.7406000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.74060			
PROCESSING DISTRIBUTED LOADS CARD NO. 7							
AT Y-COORD	0.000	Z-COORD	-5.500	PRESSURE	4.437		
		Z-COORD	-5.300	PRESSURE	3.969		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
28	-.5400E+01	0.8406000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.84060			
PROCESSING DISTRIBUTED LOADS CARD NO. 8							
AT Y-COORD	0.000	Z-COORD	-5.700	PRESSURE	4.860		
		Z-COORD	-5.500	PRESSURE	4.437		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
29	-.5600E+01	0.9297000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.92970			
PROCESSING DISTRIBUTED LOADS CARD NO. 9							
AT Y-COORD	0.000	Z-COORD	-5.900	PRESSURE	5.250		
		Z-COORD	-5.700	PRESSURE	4.860		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
30	-.5800E+01	0.1011000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.0110			
PROCESSING DISTRIBUTED LOADS CARD NO. 10							
AT Y-COORD	0.000	Z-COORD	-6.100	PRESSURE	5.612		
		Z-COORD	-5.900	PRESSURE	5.250		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
31	-.6000E+01	0.1086200E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.0862			
PROCESSING DISTRIBUTED LOADS CARD NO. 11							
AT Y-COORD	0.000	Z-COORD	-6.300	PRESSURE	5.953		
		Z-COORD	-6.100	PRESSURE	5.612		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
32	-.6200E+01	0.1156500E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.1565			
PROCESSING DISTRIBUTED LOADS CARD NO. 12							
AT Y-COORD	0.000	Z-COORD	-6.500	PRESSURE	6.275		
		Z-COORD	-6.300	PRESSURE	5.953		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
33	-.6400E+01	0.1222800E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.2228			

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PROCESSING DISTRIBUTED LOADS CARD NO. 13  
 AT Y-COORD 0.000 Z-COORD -6.700 PRESSURE 6.581  
 Z-COORD -6.500 PRESSURE 6.275  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 34 -.6600E+01 0.1285600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2856

PROCESSING DISTRIBUTED LOADS CARD NO. 14  
 AT Y-COORD 0.000 Z-COORD -6.900 PRESSURE 6.874  
 Z-COORD -6.700 PRESSURE 6.581  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 35 -.6800E+01 0.1345500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3455

PROCESSING DISTRIBUTED LOADS CARD NO. 15  
 AT Y-COORD 0.000 Z-COORD -7.100 PRESSURE 7.154  
 Z-COORD -6.900 PRESSURE 6.874  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 36 -.7000E+01 0.1402800E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4028

PROCESSING DISTRIBUTED LOADS CARD NO. 16  
 AT Y-COORD 0.000 Z-COORD -7.300 PRESSURE 7.425  
 Z-COORD -7.100 PRESSURE 7.154  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 37 -.7200E+01 0.1457900E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4579

PROCESSING DISTRIBUTED LOADS CARD NO. 17  
 AT Y-COORD 0.000 Z-COORD -7.500 PRESSURE 7.685  
 Z-COORD -7.300 PRESSURE 7.425  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 38 -.7400E+01 0.1511000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5110

PROCESSING DISTRIBUTED LOADS CARD NO. 18  
 AT Y-COORD 0.000 Z-COORD -7.700 PRESSURE 7.937  
 Z-COORD -7.500 PRESSURE 7.685  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 39 -.7600E+01 0.1562200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5622

PROCESSING DISTRIBUTED LOADS CARD NO. 19  
 AT Y-COORD 0.000 Z-COORD -7.900 PRESSURE 8.181  
 Z-COORD -7.700 PRESSURE 7.937

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L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
40	-.7800E+01	0.1611800E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.6118			
PROCESSING DISTRIBUTED LOADS CARD NO.	20						
AT Y-COORD	0.000	Z-COORD -8.100	PRESSURE	8.419			
		Z-COORD -7.900	PRESSURE	8.181			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
41	-.8000E+01	0.1660000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.6600			
PROCESSING DISTRIBUTED LOADS CARD NO.	21						
AT Y-COORD	0.000	Z-COORD -8.300	PRESSURE	8.649			
		Z-COORD -8.100	PRESSURE	8.419			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
42	-.8200E+01	0.1706800E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.7068			
PROCESSING DISTRIBUTED LOADS CARD NO.	22						
AT Y-COORD	0.000	Z-COORD -8.500	PRESSURE	8.874			
		Z-COORD -8.300	PRESSURE	8.649			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
43	-.8400E+01	0.1752300E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.7523			
PROCESSING DISTRIBUTED LOADS CARD NO.	23						
AT Y-COORD	0.000	Z-COORD -8.700	PRESSURE	9.093			
		Z-COORD -8.500	PRESSURE	8.874			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
44	-.8600E+01	0.1796700E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.7967			
PROCESSING DISTRIBUTED LOADS CARD NO.	24						
AT Y-COORD	0.000	Z-COORD -8.900	PRESSURE	9.307			
		Z-COORD -8.700	PRESSURE	9.093			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
45	-.8800E+01	0.1840000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.8400			
PROCESSING DISTRIBUTED LOADS CARD NO.	25						
AT Y-COORD	0.000	Z-COORD -9.100	PRESSURE	9.516			
		Z-COORD -8.900	PRESSURE	9.307			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
46	-.9000E+01	0.1882300E+01 /					

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8823

PROCESSING DISTRIBUTED LOADS CARD NO. 26  
AT Y-COORD 0.000 Z-COORD -9.300 PRESSURE 9.721  
Z-COORD -9.100 PRESSURE 9.516

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
47 -.9200E+01 0.1923700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9237

PROCESSING DISTRIBUTED LOADS CARD NO. 27  
AT Y-COORD 0.000 Z-COORD -9.500 PRESSURE 9.921  
Z-COORD -9.300 PRESSURE 9.721

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
48 -.9400E+01 0.1964200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9642

PROCESSING DISTRIBUTED LOADS CARD NO. 28  
AT Y-COORD 0.000 Z-COORD -9.700 PRESSURE 10.12  
Z-COORD -9.500 PRESSURE 9.921

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
49 -.9600E+01 0.2004100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0041

PROCESSING DISTRIBUTED LOADS CARD NO. 29  
AT Y-COORD 0.000 Z-COORD -9.900 PRESSURE 10.31  
Z-COORD -9.700 PRESSURE 10.12

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
50 -.9800E+01 0.2043000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0430

PROCESSING DISTRIBUTED LOADS CARD NO. 30  
AT Y-COORD 0.000 Z-COORD -10.10 PRESSURE 10.50  
Z-COORD -9.900 PRESSURE 10.31

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
51 -.1000E+02 0.2081000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0810

PROCESSING DISTRIBUTED LOADS CARD NO. 31  
AT Y-COORD 0.000 Z-COORD -10.30 PRESSURE 10.69  
Z-COORD -10.10 PRESSURE 10.50

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
52 -.1020E+02 0.2119000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1190

PROCESSING DISTRIBUTED LOADS CARD NO. 32

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AT Y-COORD 0.000 Z-COORD -10.50 PRESSURE 10.87  
Z-COORD -10.30 PRESSURE 10.69  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
53 -.1040E+02 0.2156000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1560

PROCESSING DISTRIBUTED LOADS CARD NO. 33  
AT Y-COORD 0.000 Z-COORD -10.70 PRESSURE 11.05  
Z-COORD -10.50 PRESSURE 10.87  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
54 -.1060E+02 0.2192000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1920

PROCESSING DISTRIBUTED LOADS CARD NO. 34  
AT Y-COORD 0.000 Z-COORD -10.90 PRESSURE 11.22  
Z-COORD -10.70 PRESSURE 11.05  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
55 -.1080E+02 0.2227000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2270

PROCESSING DISTRIBUTED LOADS CARD NO. 35  
AT Y-COORD 0.000 Z-COORD -11.10 PRESSURE 11.40  
Z-COORD -10.90 PRESSURE 11.22  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
56 -.1100E+02 0.2262000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2620

PROCESSING DISTRIBUTED LOADS CARD NO. 36  
AT Y-COORD 0.000 Z-COORD -11.30 PRESSURE 11.57  
Z-COORD -11.10 PRESSURE 11.40  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
57 -.1120E+02 0.2297000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2970

PROCESSING DISTRIBUTED LOADS CARD NO. 37  
AT Y-COORD 0.000 Z-COORD -11.50 PRESSURE 11.74  
Z-COORD -11.30 PRESSURE 11.57  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
58 -.1140E+02 0.2331000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3310

PROCESSING DISTRIBUTED LOADS CARD NO. 38  
AT Y-COORD 0.000 Z-COORD -11.70 PRESSURE 11.91  
Z-COORD -11.50 PRESSURE 11.74  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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59 -.1160E+02 0.2365000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3650

PROCESSING DISTRIBUTED LOADS CARD NO. 39  
 AT Y-COORD 0.000 Z-COORD -11.90 PRESSURE 12.07  
 Z-COORD -11.70 PRESSURE 11.91  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

60 -.1180E+02 0.2398000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3980

PROCESSING DISTRIBUTED LOADS CARD NO. 40  
 AT Y-COORD 0.000 Z-COORD -12.10 PRESSURE 12.23  
 Z-COORD -11.90 PRESSURE 12.07  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

61 -.1200E+02 0.2430000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4300

PROCESSING DISTRIBUTED LOADS CARD NO. 41  
 AT Y-COORD 0.000 Z-COORD -12.30 PRESSURE 12.39  
 Z-COORD -12.10 PRESSURE 12.23  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

62 -.1220E+02 0.2462000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4620

PROCESSING DISTRIBUTED LOADS CARD NO. 42  
 AT Y-COORD 0.000 Z-COORD -12.50 PRESSURE 12.55  
 Z-COORD -12.30 PRESSURE 12.39  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

63 -.1240E+02 0.2494000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4940

PROCESSING DISTRIBUTED LOADS CARD NO. 43  
 AT Y-COORD 0.000 Z-COORD -12.70 PRESSURE 12.71  
 Z-COORD -12.50 PRESSURE 12.55  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

64 -.1260E+02 0.2526000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5260

PROCESSING DISTRIBUTED LOADS CARD NO. 44  
 AT Y-COORD 0.000 Z-COORD -12.90 PRESSURE 12.86  
 Z-COORD -12.70 PRESSURE 12.71  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

65 -.1280E+02 0.2557000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5570

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PROCESSING DISTRIBUTED LOADS CARD NO. 45  
 AT Y-COORD 0.000 Z-COORD -13.10 PRESSURE 13.01  
 L.CURVE 3 Z-COORD -12.90 PRESSURE 12.86

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 66 -.1300E+02 0.2587000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.5870

PROCESSING DISTRIBUTED LOADS CARD NO. 46  
 AT Y-COORD 0.000 Z-COORD -13.30 PRESSURE 13.16  
 L.CURVE 3 Z-COORD -13.10 PRESSURE 13.01

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 67 -.1320E+02 0.2617000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6170

PROCESSING DISTRIBUTED LOADS CARD NO. 47  
 AT Y-COORD 0.000 Z-COORD -13.50 PRESSURE 13.31  
 L.CURVE 3 Z-COORD -13.30 PRESSURE 13.16

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 68 -.1340E+02 0.2647000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6470

PROCESSING DISTRIBUTED LOADS CARD NO. 48  
 AT Y-COORD 0.000 Z-COORD -13.70 PRESSURE 13.46  
 L.CURVE 3 Z-COORD -13.50 PRESSURE 13.31

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 69 -.1360E+02 0.2677000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6770

PROCESSING DISTRIBUTED LOADS CARD NO. 49  
 AT Y-COORD 0.000 Z-COORD -13.90 PRESSURE 13.60  
 L.CURVE 3 Z-COORD -13.70 PRESSURE 13.46

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 70 -.1380E+02 0.2706000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.7060

PROCESSING DISTRIBUTED LOADS CARD NO. 50  
 AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 13.68  
 L.CURVE 3 Z-COORD -13.90 PRESSURE 13.60

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 71 -.1400E+02 0.1364000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3640

PROCESSING DISTRIBUTED LOADS CARD NO. 51  
 AT Y-COORD 0.000 Z-COORD -6.200 PRESSURE 1.821  
 L.CURVE 3 Z-COORD -6.000 PRESSURE 0.000

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NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
32	-.6200E+01	0.1821000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.18210			
PROCESSING DISTRIBUTED LOADS CARD NO. 52							
AT Y-COORD	0.000	Z-COORD	-6.400	PRESSURE	2.575		
		Z-COORD	-6.200	PRESSURE	1.821		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
33	-.6400E+01	0.4396000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.43960			
PROCESSING DISTRIBUTED LOADS CARD NO. 53							
AT Y-COORD	0.000	Z-COORD	-6.600	PRESSURE	3.154		
		Z-COORD	-6.400	PRESSURE	2.575		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
34	-.6600E+01	0.5729000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.57290			
PROCESSING DISTRIBUTED LOADS CARD NO. 54							
AT Y-COORD	0.000	Z-COORD	-6.800	PRESSURE	3.642		
		Z-COORD	-6.600	PRESSURE	3.154		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
35	-.6800E+01	0.6796000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.67960			
PROCESSING DISTRIBUTED LOADS CARD NO. 55							
AT Y-COORD	0.000	Z-COORD	-7.000	PRESSURE	4.072		
		Z-COORD	-6.800	PRESSURE	3.642		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
36	-.7000E+01	0.7714000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.77140			
PROCESSING DISTRIBUTED LOADS CARD NO. 56							
AT Y-COORD	0.000	Z-COORD	-7.200	PRESSURE	4.460		
		Z-COORD	-7.000	PRESSURE	4.072		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
37	-.7200E+01	0.8532000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.85320			
PROCESSING DISTRIBUTED LOADS CARD NO. 57							
AT Y-COORD	0.000	Z-COORD	-7.400	PRESSURE	4.818		
		Z-COORD	-7.200	PRESSURE	4.460		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
38	-.7400E+01	0.9278000E+00	/				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.92780			



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PROCESSING DISTRIBUTED LOADS CARD NO. 58  
AT Y-COORD 0.000 Z-COORD -7.600 PRESSURE 5.150  
Z-COORD -7.400 PRESSURE 4.818

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
39 -.7600E+01 0.9968000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.99680

PROCESSING DISTRIBUTED LOADS CARD NO. 59  
AT Y-COORD 0.000 Z-COORD -7.800 PRESSURE 5.463  
Z-COORD -7.600 PRESSURE 5.150

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
40 -.7800E+01 0.1061300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0613

PROCESSING DISTRIBUTED LOADS CARD NO. 60  
AT Y-COORD 0.000 Z-COORD -8.000 PRESSURE 5.758  
Z-COORD -7.800 PRESSURE 5.463

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
41 -.8000E+01 0.1122100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1221

PROCESSING DISTRIBUTED LOADS CARD NO. 61  
AT Y-COORD 0.000 Z-COORD -8.200 PRESSURE 6.039  
Z-COORD -8.000 PRESSURE 5.758

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
42 -.8200E+01 0.1179700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1797

PROCESSING DISTRIBUTED LOADS CARD NO. 62  
AT Y-COORD 0.000 Z-COORD -8.400 PRESSURE 6.308  
Z-COORD -8.200 PRESSURE 6.039

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
43 -.8400E+01 0.1234700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2347

PROCESSING DISTRIBUTED LOADS CARD NO. 63  
AT Y-COORD 0.000 Z-COORD -8.600 PRESSURE 6.565  
Z-COORD -8.400 PRESSURE 6.308

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
44 -.8600E+01 0.1287300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2873

PROCESSING DISTRIBUTED LOADS CARD NO. 64  
AT Y-COORD 0.000 Z-COORD -8.800 PRESSURE 6.813  
Z-COORD -8.600 PRESSURE 6.565

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
45	-.8800E+01	0.1337800E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3378

PROCESSING DISTRIBUTED LOADS CARD NO. 65

AT Y-COORD 0.000 Z-COORD -9.000 PRESSURE 7.052

Z-COORD -8.800 PRESSURE 6.813

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
46	-.9000E+01	0.1386500E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3865

PROCESSING DISTRIBUTED LOADS CARD NO. 66

AT Y-COORD 0.000 Z-COORD -9.200 PRESSURE 7.284

Z-COORD -9.000 PRESSURE 7.052

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
47	-.9200E+01	0.1433600E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4336

PROCESSING DISTRIBUTED LOADS CARD NO. 67

AT Y-COORD 0.000 Z-COORD -9.400 PRESSURE 7.508

Z-COORD -9.200 PRESSURE 7.284

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
48	-.9400E+01	0.1479200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4792

PROCESSING DISTRIBUTED LOADS CARD NO. 68

AT Y-COORD 0.000 Z-COORD -9.600 PRESSURE 7.725

Z-COORD -9.400 PRESSURE 7.508

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
49	-.9600E+01	0.1523300E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5233

PROCESSING DISTRIBUTED LOADS CARD NO. 69

AT Y-COORD 0.000 Z-COORD -9.800 PRESSURE 7.937

Z-COORD -9.600 PRESSURE 7.725

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
50	-.9800E+01	0.1566200E+01 /				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5662

PROCESSING DISTRIBUTED LOADS CARD NO. 70

AT Y-COORD 0.000 Z-COORD -10.000 PRESSURE 8.143

Z-COORD -9.800 PRESSURE 7.937

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
51	-.1000E+02	0.1608000E+01 /				

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6080

PROCESSING DISTRIBUTED LOADS CARD NO. 71  
AT Y-COORD 0.000 Z-COORD -10.20 PRESSURE 8.344  
Z-COORD -10.00 PRESSURE 8.143

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
52 -.1020E+02 0.1648700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6487

PROCESSING DISTRIBUTED LOADS CARD NO. 72  
AT Y-COORD 0.000 Z-COORD -10.40 PRESSURE 8.541  
Z-COORD -10.20 PRESSURE 8.344

L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
53 -.1040E+02 0.8541204E+00 / 52 -.1020E+02 0.8343796E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6885

PROCESSING DISTRIBUTED LOADS CARD NO. 73  
AT Y-COORD 0.000 Z-COORD -10.60 PRESSURE 8.733  
Z-COORD -10.40 PRESSURE 8.541

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
54 -.1060E+02 0.1727400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7274

PROCESSING DISTRIBUTED LOADS CARD NO. 74  
AT Y-COORD 0.000 Z-COORD -10.80 PRESSURE 8.921  
Z-COORD -10.60 PRESSURE 8.733

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
55 -.1080E+02 0.1765400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7654

PROCESSING DISTRIBUTED LOADS CARD NO. 75  
AT Y-COORD 0.000 Z-COORD -11.00 PRESSURE 9.105  
Z-COORD -10.80 PRESSURE 8.921

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
56 -.1100E+02 0.1802600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8026

PROCESSING DISTRIBUTED LOADS CARD NO. 76  
AT Y-COORD 0.000 Z-COORD -11.20 PRESSURE 9.285  
Z-COORD -11.00 PRESSURE 9.105

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
57 -.1120E+02 0.1839000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8390

PROCESSING DISTRIBUTED LOADS CARD NO. 77

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AT Y-COORD 0.000 Z-COORD -11.40 PRESSURE 9.462  
Z-COORD -11.20 PRESSURE 9.285  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

58 -.1140E+02 0.1874700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8747

PROCESSING DISTRIBUTED LOADS CARD NO. 78  
AT Y-COORD 0.000 Z-COORD -11.60 PRESSURE 9.635  
Z-COORD -11.40 PRESSURE 9.462  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

59 -.1160E+02 0.1909700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9097

PROCESSING DISTRIBUTED LOADS CARD NO. 79  
AT Y-COORD 0.000 Z-COORD -11.80 PRESSURE 9.806  
Z-COORD -11.60 PRESSURE 9.635  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

60 -.1180E+02 0.1944100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9441

PROCESSING DISTRIBUTED LOADS CARD NO. 80  
AT Y-COORD 0.000 Z-COORD -12.00 PRESSURE 9.973  
Z-COORD -11.80 PRESSURE 9.806  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

61 -.1200E+02 0.1977900E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.9779

PROCESSING DISTRIBUTED LOADS CARD NO. 81  
AT Y-COORD 0.000 Z-COORD -12.20 PRESSURE 10.14  
Z-COORD -12.00 PRESSURE 9.973  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

62 -.1220E+02 0.2011300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0113

PROCESSING DISTRIBUTED LOADS CARD NO. 82  
AT Y-COORD 0.000 Z-COORD -12.40 PRESSURE 10.30  
Z-COORD -12.20 PRESSURE 10.14  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

63 -.1240E+02 0.2044000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0440

PROCESSING DISTRIBUTED LOADS CARD NO. 83  
AT Y-COORD 0.000 Z-COORD -12.60 PRESSURE 10.46  
Z-COORD -12.40 PRESSURE 10.30  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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64    -.1260E+02      0.2076000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                    2.0760

PROCESSING DISTRIBUTED LOADS CARD NO.    84  
AT Y-COORD    0.000           Z-COORD -12.80      PRESSURE    10.62  
    Z-COORD -12.60      PRESSURE    10.46  
L.CURVE                    3

NO. OF GENERATED NODAL FORCES          1  
NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE /

65    -.1280E+02      0.2108000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                    2.1080

PROCESSING DISTRIBUTED LOADS CARD NO.    85  
AT Y-COORD    0.000           Z-COORD -13.00      PRESSURE    10.77  
    Z-COORD -12.80      PRESSURE    10.62  
L.CURVE                    3

NO. OF GENERATED NODAL FORCES          1  
NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE /

66    -.1300E+02      0.2139000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                    2.1390

PROCESSING DISTRIBUTED LOADS CARD NO.    86  
AT Y-COORD    0.000           Z-COORD -13.20      PRESSURE    10.93  
    Z-COORD -13.00      PRESSURE    10.77  
L.CURVE                    3

NO. OF GENERATED NODAL FORCES          1  
NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE /

67    -.1320E+02      0.2170000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                    2.1700

PROCESSING DISTRIBUTED LOADS CARD NO.    87  
AT Y-COORD    0.000           Z-COORD -13.40      PRESSURE    11.08  
    Z-COORD -13.20      PRESSURE    10.93  
L.CURVE                    3

NO. OF GENERATED NODAL FORCES          1  
NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE /

68    -.1340E+02      0.2201000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                    2.2010

PROCESSING DISTRIBUTED LOADS CARD NO.    88  
AT Y-COORD    0.000           Z-COORD -13.60      PRESSURE    11.22  
    Z-COORD -13.40      PRESSURE    11.08  
L.CURVE                    3

NO. OF GENERATED NODAL FORCES          1  
NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE /

69    -.1360E+02      0.2230000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                    2.2300

PROCESSING DISTRIBUTED LOADS CARD NO.    89  
AT Y-COORD    0.000           Z-COORD -13.80      PRESSURE    11.37  
    Z-COORD -13.60      PRESSURE    11.22  
L.CURVE                    3

NO. OF GENERATED NODAL FORCES          1  
NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE / NODE                    Z-LVL                    FORCE /

70    -.1380E+02      0.2259000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD                    2.2590

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PROCESSING DISTRIBUTED LOADS CARD NO. 90  
AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 11.52  
Z-COORD -13.80 PRESSURE 11.37  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
71	-.1400E+02	0.2289000E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2890

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 91  
AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 11.52  
Z-COORD -14.00 PRESSURE 11.52  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
71	-.1400E+02	0.2289000E+01 /					

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2890

NO. OF DISTRIBUTED LOAD CARDS 91

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:37:29

L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 170.04565  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865

Exe Time : 8 June 2018 11:37:29

NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:37:29

LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2

GENERAL CONTRACTOR



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ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO.	1	NAME	&gt;= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	

## GENERAL CONTRACTOR



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ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO.	1	NAME	= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	= 4.6700	WALL NO.	1

GENERAL CONTRACTOR



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ITEM NO. 77 D-PERM >= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1	NAME	>= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	>= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	>= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	>= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	>= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	>= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	>= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	>= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	>= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	>= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	>= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	>= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	>= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	>= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	>= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	>= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	45	U-KAED	>= 0.50600	WALL NO.	1
ITEM NO.	46	U-KAEW	>= 0.57800	WALL NO.	1
ITEM NO.	47	U-KPED	>= 2.2830	WALL NO.	1
ITEM NO.	48	U-KPEW	>= 2.1170	WALL NO.	1
ITEM NO.	52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	>= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	>= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	>= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	>= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	>= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	>= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	>= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	95	D-KAED	>= 0.50600	WALL NO.	1
ITEM NO.	96	D-KAEW	>= 0.57800	WALL NO.	1
ITEM NO.	97	D-KPED	>= 2.2830	WALL NO.	1
ITEM NO.	98	D-KPEW	>= 2.1170	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	>= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	>= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	>= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	>= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	>= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	>= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	>= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	>= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	>= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	>= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	>= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	>= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	>= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	>= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	>= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	>= 0.30800	WALL NO.	1
ITEM NO.	46	U-KAEW	>= 0.34400	WALL NO.	1
ITEM NO.	47	U-KPED	>= 4.7490	WALL NO.	1
ITEM NO.	48	U-KPEW	>= 4.5660	WALL NO.	1
ITEM NO.	52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	>= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	>= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	>= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	>= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	>= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	>= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	>= 0.30800	WALL NO.	1
ITEM NO.	96	D-KAEW	>= 0.34400	WALL NO.	1
ITEM NO.	97	D-KPED	>= 4.7490	WALL NO.	1
ITEM NO.	98	D-KPEW	>= 4.5660	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	>= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	>= -5.0000	(BOTH WALLS)	

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ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	16.000	WALL NO.	1
ITEM NO.	8	U-COHE	20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	37.000	WALL NO.	2
ITEM NO.	10	U-KA	0.26700	WALL NO.	1
ITEM NO.	11	U-KP	4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.30800	WALL NO.	1
ITEM NO.	46	U-KAEW	0.34300	WALL NO.	1
ITEM NO.	47	U-KPED	4.7490	WALL NO.	1
ITEM NO.	48	U-KPEW	4.5700	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	16.000	WALL NO.	1
ITEM NO.	58	D-COHE	20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	37.000	WALL NO.	2
ITEM NO.	60	D-KA	0.26700	WALL NO.	1
ITEM NO.	61	D-KP	4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.30800	WALL NO.	1
ITEM NO.	96	D-KAEW	0.34300	WALL NO.	1
ITEM NO.	97	D-KPED	4.7490	WALL NO.	1
ITEM NO.	98	D-KPEW	4.5700	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	24.000	WALL NO.	1
ITEM NO.	8	U-COHE	30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	36.000	WALL NO.	2
ITEM NO.	10	U-KA	0.27800	WALL NO.	1
ITEM NO.	11	U-KP	4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.32000	WALL NO.	1
ITEM NO.	46	U-KAEW	0.35600	WALL NO.	1
ITEM NO.	47	U-KPED	4.4710	WALL NO.	1
ITEM NO.	48	U-KPEW	4.2980	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	24.000	WALL NO.	1
ITEM NO.	58	D-COHE	30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	36.000	WALL NO.	2
ITEM NO.	60	D-KA	0.27800	WALL NO.	1
ITEM NO.	61	D-KP	4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.32000	WALL NO.	1
ITEM NO.	96	D-KAEW	0.35600	WALL NO.	1
ITEM NO.	97	D-KPED	4.4710	WALL NO.	1
ITEM NO.	98	D-KPEW	4.2980	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 12 VALUES



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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 1			

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-5.500	0.000
Z-WATER_TABLE		-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 2			

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-5.500	0.000
Z-WATER_TABLE	-4.500	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6760E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	26.57	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.76000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.12000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.48000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.84000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.20000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.56000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 8.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.7600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.1200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 26.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 27.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 27.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 28.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 6118

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.7197E-27 REMNOR= 0.000 RATIO =0.6781E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.6781E-16 RATIOR= 0.000  
MAX UN=0.1421E-13 IEQ= 129 NODE 65 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.1018E-28 REMNOR=0.3913E-53 RATIO =0.8064E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.8064E-17 RATIOR= 0.000  
MAX UN=0.9346E-15 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.4700E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1565E+06 RIMNOR= 0.000  
RENORM=0.8287E-29 REMNOR=0.1906E-52 RATIO =0.7277E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 55.10 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1565E+06 RDR = 0.000  
RATIOT=0.7277E-17 RATIOR= 0.000  
MAX UN=0.1024E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.3177E-15 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865

Exe Time : 8 June 2018 11:37:29

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:37:29

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-2.03729E-17	2.03729E-17	1.76310E-28	4.07459E-18	
2 1.63061E-16	1.63061E-16	4.07459E-18	2.85376E-17	
3-3.17501E-16	3.17501E-16	2.85376E-17	3.49626E-16	
4-3.51831E-16	3.51831E-16	3.49626E-17	1.05329E-16	
5-3.84004E-16	3.84004E-16	1.05329E-16	1.82130E-16	
6-4.14000E-16	4.14000E-16	1.82130E-16	2.64929E-16	
7-4.41785E-16	4.41785E-16	2.64929E-16	3.53286E-16	
8-4.67316E-16	4.67316E-16	3.53286E-16	4.46750E-16	
9-5.38728E-16	5.38728E-16	4.46750E-16	5.54495E-16	
10-6.02804E-16	6.02804E-16	5.54495E-16	6.75056E-16	
11-6.59265E-16	6.59265E-16	6.75056E-16	8.06909E-16	
12-7.07780E-16	7.07780E-16	8.06909E-16	9.48465E-16	
13-7.47958E-16	7.47958E-16	9.48465E-16	1.09806E-15	
14-7.79350E-16	7.79350E-16	1.09806E-15	1.25393E-15	
15-8.01455E-16	8.01455E-16	1.25393E-15	1.41422E-15	
16-8.13721E-16	8.13721E-16	1.41422E-15	1.57696E-15	
17-8.15556E-16	8.15556E-16	1.57696E-15	1.74007E-15	
18-8.06340E-16	8.06340E-16	1.74007E-15	1.90134E-15	
19-7.85432E-16	7.85432E-16	1.90134E-15	2.05843E-15	
20-7.52192E-16	7.52192E-16	2.05843E-15	2.20887E-15	
21-7.05992E-16	7.05992E-16	2.20887E-15	2.35006E-15	
22-6.46236E-16	6.46236E-16	2.35006E-15	2.47931E-15	
23-5.72381E-16	5.72381E-16	2.47931E-15	2.59379E-15	
24-4.83954E-16	4.83954E-16	2.59379E-15	2.69058E-15	
25-3.80577E-16	3.80577E-16	2.69058E-15	2.76669E-15	
26-2.32342E-16	2.32342E-16	2.76669E-15	2.81316E-15	
27 3.48778E-15	3.48778E-15	2.81316E-15	2.11561E-15	
28 3.67431E-15	3.67431E-15	2.11561E-15	1.38074E-15	
29 3.87970E-15	3.87970E-15	1.38074E-15	6.04803E-16	
30 4.10341E-15	4.10341E-15	6.04803E-16	2.15880E-16	
31 4.34464E-15	4.34464E-15	2.15880E-16	1.08480E-15	
32 4.60228E-15	4.60228E-15	1.08480E-15	2.00526E-15	
33 4.87496E-15	4.87496E-15	2.00526E-15	2.98025E-15	
34 5.16096E-15	5.16096E-15	2.98025E-15	4.01244E-15	
35 5.45832E-15	5.45832E-15	4.01244E-15	5.10411E-15	
36 5.76477E-15	5.76477E-15	5.10411E-15	6.25706E-15	
37 6.07779E-15	6.07779E-15	6.25706E-15	7.47262E-15	
38 6.39463E-15	6.39463E-15	7.47262E-15	8.75154E-15	
39-3.93064E-16	3.93064E-16	8.75154E-15	8.67293E-15	
40-7.75380E-17	7.75380E-17	8.67293E-15	8.65742E-15	
41 2.32582E-16	2.32582E-16	8.65742E-15	8.70394E-15	
42 5.34029E-16	5.34029E-16	8.70394E-15	8.81074E-15	
43-6.28191E-15	6.28191E-15	8.81074E-15	7.55436E-15	
44-1.31131E-14	1.31131E-14	7.55436E-15	4.93176E-15	
45-1.28572E-14	1.28572E-14	4.93176E-15	2.36032E-15	
46-1.26229E-14	1.26229E-14	2.36032E-15	1.64259E-16	
47-5.30762E-15	5.30762E-15	1.64259E-16	1.22578E-15	
48 1.98031E-15	1.98031E-15	1.22578E-15	8.29722E-16	
49 2.13281E-15	2.13281E-15	8.29722E-16	4.03162E-16	
50 9.35823E-15	9.35823E-15	4.03162E-16	1.46848E-15	
51 9.44337E-15	9.44337E-15	1.46848E-15	3.35721E-15	
52 9.50732E-15	9.50732E-15	3.35721E-15	5.25857E-15	
53 2.41408E-15	2.41408E-15	5.25857E-15	5.74139E-15	
54-4.73328E-15	4.73328E-15	5.74139E-15	4.79473E-15	
55-4.83141E-15	4.83141E-15	4.79473E-15	3.82845E-15	
56-4.98756E-15	4.98756E-15	3.82845E-15	2.83094E-15	
57-5.20326E-15	5.20326E-15	2.83094E-15	1.79029E-15	
58-5.47973E-15	5.47973E-15	1.79029E-15	6.94340E-16	
59-5.81791E-15	5.81791E-15	6.94340E-16	4.69242E-16	
60-6.21847E-15	6.21847E-15	4.69242E-16	1.71294E-15	
61-6.68183E-15	6.68183E-15	1.71294E-15	3.04930E-15	
62-7.20816E-15	7.20816E-15	3.04930E-15	4.49093E-15	
63-7.79747E-15	7.79747E-15	4.49093E-15	6.05043E-15	
64-8.44961E-15	8.44961E-15	6.05043E-15	7.74035E-15	
65 5.04650E-15	5.04650E-15	7.74035E-15	6.73105E-15	
66 4.26945E-15	4.26945E-15	6.73105E-15	5.87716E-15	
67 1.05358E-14	1.05358E-14	5.87716E-15	3.77000E-15	
68 9.63487E-15	9.63487E-15	3.77000E-15	1.84303E-15	

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69 8.67232E-15-8.67232E-15 1.84303E-15-1.08566E-16  
70 5.42803E-16-5.42803E-16 1.08566E-16-2.77679E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1722E+06 RIMNOR=0.2089E-26  
RENORM=0.1127E+05 REMNOR=0.1906E-52 RATIO =0.2558 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8811E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1722E+06 RDR =0.1000E-19  
RATIOT=0.2558 RATIOR= 0.000  
MAX UN= 21.84 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F  
MIN UN=-18.46 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1722E+06 RIMNOR=0.2089E-26  
RENORM= 324.2 REMNOR=0.3724E-19 RATIO =0.4339E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8811E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1722E+06 RDR =0.1000E-19  
RATIOT=0.4339E-01 RATIOR= 0.000  
MAX UN= 9.614 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.1109E-08 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1722E+06 RIMNOR=0.2089E-26  
RENORM= 106.7 REMNOR=0.5790E-19 RATIO =0.2489E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8811E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1722E+06 RDR =0.1000E-19  
RATIOT=0.2489E-01 RATIOR= 0.000  
MAX UN= 7.096 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F  
MIN UN=-.2766 IEQ= 67 NODE 34 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1722E+06 RIMNOR=0.2089E-26  
RENORM= 8.464 REMNOR=0.4047E-19 RATIO =0.7010E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8811E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1722E+06 RDR =0.1000E-19  
RATIOT=0.7010E-02 RATIOR= 0.000  
MAX UN= 2.796 IEQ= 45 NODE 23 DOF 1 Y-DISPL.F  
MIN UN=-.2237 IEQ= 73 NODE 37 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1722E+06 RIMNOR=0.2089E-26  
RENORM=0.3466E-02 REMNOR=0.1697E-19 RATIO =0.1419E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 62.21 RMMAX =0.8811E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1722E+06 RDR =0.1000E-19  
RATIOT=0.1419E-03 RATIOR= 0.000  
MAX UN=0.5291E-01 IEQ= 67 NODE 34 DOF 1 Y-DISPL.F  
MIN UN=-.2194E-01 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 6 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1722E+06 RIMNOR=0.2089E-26  
RENORM=0.7175E-17 REMNOR=0.2045E-19 RATIO =0.6454E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 62.21 RMMAX =0.8811E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1722E+06 RDR =0.1000E-19  
RATIOT=0.6454E-11 RATIOR= 0.000  
MAX UN=0.9632E-09 IEQ= 23 NODE 12 DOF 1 Y-DISPL.F  
MIN UN=-.9653E-09 IEQ= 21 NODE 11 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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2653

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:37:29

New Project  
SOLUTION REACHED USING 6 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	8.0361067E-03	-1.2970097E-03	
2	7.7767048E-03	-1.2970097E-03	
3	7.5173028E-03	-1.2970097E-03	
4	7.2579009E-03	-1.2970097E-03	
5	6.9984991E-03	-1.2970076E-03	
6	6.7390991E-03	-1.2969867E-03	
7	6.4797084E-03	-1.2969054E-03	
8	6.2203454E-03	-1.2966967E-03	
9	5.9610444E-03	-1.2962683E-03	
10	5.7018568E-03	-1.2955599E-03	
11	5.4428407E-03	-1.2945465E-03	
12	5.1840614E-03	-1.2931850E-03	
13	4.9255940E-03	-1.2914141E-03	
14	4.6675285E-03	-1.2891524E-03	
15	4.4099724E-03	-1.2863010E-03	
16	4.1530551E-03	-1.2827433E-03	
17	3.8969299E-03	-1.2783438E-03	
18	3.6417826E-03	-1.2729501E-03	
19	3.3878275E-03	-1.2663923E-03	
20	3.1353158E-03	-1.2584825E-03	
21	2.8845396E-03	-1.2490149E-03	
22	2.6358298E-03	-1.2377666E-03	
23	2.3895676E-03	-1.2244984E-03	
24	2.1461822E-03	-1.2089537E-03	
25	1.9061564E-03	-1.1908547E-03	
26	1.6700325E-03	-1.1698728E-03	
27	1.4384239E-03	-1.1456593E-03	
28	1.2120134E-03	-1.1177953E-03	
29	9.9158892E-04	-1.0856841E-03	
30	7.7803979E-04	-1.0490718E-03	
31	5.7224519E-04	-1.0081848E-03	
32	3.7502990E-04	-9.6335188E-04	
33	1.8714282E-04	-9.1495799E-04	
34	9.2569175E-06	-8.6341089E-04	
35	-1.5804169E-04	-8.0916614E-04	
36	-3.1426246E-04	-7.5271526E-04	
37	-4.5901359E-04	-6.9456207E-04	
38	-5.9200804E-04	-6.3523103E-04	
39	-7.1306471E-04	-5.7528059E-04	
40	-8.2211898E-04	-5.1531078E-04	
41	-9.1923113E-04	-4.5597251E-04	
42	-1.0045933E-03	-3.9791396E-04	
43	-1.0785195E-03	-3.4169773E-04	
44	-1.1414259E-03	-2.8778377E-04	
45	-1.1938110E-03	-2.3654349E-04	
46	-1.2362409E-03	-1.8827106E-04	
47	-1.2693326E-03	-1.4319593E-04	
48	-1.2937440E-03	-1.0149163E-04	
49	-1.3101624E-03	-6.3284972E-05	
50	-1.3192970E-03	-2.8664251E-05	
51	-1.3218709E-03	2.3142237E-06	
52	-1.3186161E-03	2.9619257E-05	
53	-1.3102607E-03	5.3368205E-05	
54	-1.2974883E-03	7.3829552E-05	
55	-1.2809299E-03	9.1275008E-05	
56	-1.2611610E-03	1.0598045E-04	
57	-1.2387021E-03	1.1822054E-04	
58	-1.2140191E-03	1.2826526E-04	
59	-1.1875249E-03	1.3637683E-04	
60	-1.1595805E-03	1.4280718E-04	
61	-1.1304981E-03	1.4779576E-04	
62	-1.1005433E-03	1.5156774E-04	
63	-1.0699382E-03	1.5433245E-04	
64	-1.0388647E-03	1.5628211E-04	
65	-1.0074681E-03	1.5759080E-04	
66	-9.7586073E-04	1.5841352E-04	
67	-9.4412603E-04	1.5888553E-04	
68	-9.1232225E-04	1.5912165E-04	
69	-8.8048683E-04	1.5921580E-04	
70	-8.4864059E-04	1.5924003E-04	
71	-8.1679069E-04	1.5924227E-04	









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33 D	30.22	1.8714E-04	15.24 146.8 75.08	146.8	PASSIVE	0.000	-6.400	4.343	1.000	1.000
151.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
34 D	32.91	9.2569E-06	17.51 158.0 77.52	158.0	PASSIVE	0.000	-6.600	6.514	1.000	1.000
164.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
35 D	34.68	-1.5804E-04	19.77 164.7 79.96	169.3	UL-RL	2.8961E+04	-6.800	8.686	1.000	1.000
173.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
36 D	36.45	-3.1426E-04	22.04 171.4 82.40	180.5	UL-RL	2.8961E+04	-7.000	10.86	1.000	1.000
182.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
37 D	38.30	-4.5901E-04	24.31 178.5 84.84	191.8	UL-RL	2.8961E+04	-7.200	13.03	1.000	1.000
191.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
38 D	40.21	-5.9201E-04	26.58 185.9 87.28	203.0	UL-RL	2.8961E+04	-7.400	15.20	1.000	1.000
201.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
39 D	42.19	-7.1306E-04	28.85 193.6 89.72	214.2	UL-RL	2.8961E+04	-7.600	17.37	1.000	1.000
211.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
40 D	44.25	-8.2212E-04	31.12 201.7 92.16	225.5	UL-RL	2.8961E+04	-7.800	19.54	1.000	1.000
221.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
41 D	44.36	-9.1923E-04	33.39 200.1 94.60	226.7	UL-RL	2.8961E+04	-8.000	21.71	1.000	1.000
221.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
42 D	43.66	-1.0046E-03	35.65 194.4 97.04	223.5	UL-RL	2.8961E+04	-8.200	23.89	1.000	1.000
218.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
43 D	43.14	-1.0785E-03	37.92 189.6 99.48	220.9	UL-RL	2.8961E+04	-8.400	26.06	1.000	1.000
215.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
44 D	42.79	-1.1414E-03	40.19 185.7 101.9	218.8	UL-RL	2.8961E+04	-8.600	28.23	1.000	1.000
213.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
45 D	42.58	-1.1938E-03	42.46 182.5 104.4	217.1	UL-RL	2.8961E+04	-8.800	30.40	1.000	1.000
212.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
46 D	42.49	-1.2362E-03	44.73 179.9 106.8	215.7	UL-RL	2.8961E+04	-9.000	32.57	1.000	1.000
212.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
47 D	42.53	-1.2693E-03	47.00 177.9 109.2	214.7	UL-RL	2.8961E+04	-9.200	34.74	1.000	1.000
212.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
48 D	42.66	-1.2937E-03	49.27 176.4 111.7	213.9	UL-RL	2.8961E+04	-9.400	36.91	1.000	1.000
213.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
49 D	42.89	-1.3102E-03	51.53 175.4 114.1	213.3	UL-RL	2.8961E+04	-9.600	39.09	1.000	1.000
214.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
50 D	43.20	-1.3193E-03	53.80 174.7 116.6	212.9	UL-RL	2.8961E+04	-9.800	41.26	1.000	1.000
216.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
51 D	43.58	-1.3219E-03	56.07 174.5 119.0	212.7	UL-RL	2.8961E+04	-10.00	43.43	1.000	1.000
217.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
52 D	41.32	-1.3186E-03	58.34 161.0 121.4	212.7	UL-RL	3.9230E+04	-10.20	45.60	1.000	1.000
206.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
53 D	41.83	-1.3103E-03	60.61 161.4 123.9	212.8	UL-RL	3.9230E+04	-10.40	47.77	1.000	1.000
209.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
54 D	42.41	-1.2975E-03	62.88 162.1 126.3	213.0	UL-RL	3.9230E+04	-10.60	49.94	1.000	1.000
212.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
55 D	43.04	-1.2809E-03	65.15 163.1 128.8	213.3	UL-RL	3.9230E+04	-10.80	52.11	1.000	1.000
215.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
56 D	43.72	-1.2612E-03	67.41 164.3 131.2	213.8	UL-RL	3.9230E+04	-11.00	54.29	1.000	1.000
218.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
57 D	44.43	-1.2387E-03	69.68 165.7 133.6	214.3	UL-RL	3.9230E+04	-11.20	56.46	1.000	1.000
222.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
58 D	45.18	-1.2140E-03	71.95 167.3 136.1	214.9	UL-RL	3.9230E+04	-11.40	58.63	1.000	1.000
225.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
59 D	45.95	-1.1875E-03	74.22 169.0 138.5	215.6	UL-RL	3.9230E+04	-11.60	60.80	1.000	1.000
229.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
60 D	46.76	-1.1596E-03	76.49 170.8 141.0	216.3	UL-RL	3.9230E+04	-11.80	62.97	1.000	1.000
233.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
61 D	47.58	-1.1305E-03	78.76 172.7 143.4	217.1	UL-RL	3.9230E+04	-12.00	65.14	1.000	1.000
237.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
62 D	48.42	-1.1005E-03	81.03 174.8 145.8	218.0	UL-RL	3.9230E+04	-12.20	67.31	1.000	1.000
242.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
63 D	49.27	-1.0699E-03	83.29 176.9 148.3	218.9	UL-RL	3.9230E+04	-12.40	69.49	1.000	1.000
246.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
64 D	50.14	-1.0389E-03	85.56 179.1 150.7	219.8	UL-RL	3.9230E+04	-12.60	71.66	1.000	1.000
250.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
65 D	51.02	-1.0075E-03	87.83 181.3 153.2	220.8	UL-RL	3.9230E+04	-12.80	73.83	1.000	1.000
255.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
66 D	51.91	-9.7586E-04	90.10 183.6 155.6	221.9	UL-RL	3.9230E+04	-13.00	76.00	1.000	1.000
259.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
67 D	52.81	-9.4413E-04	92.37 185.9 158.0	222.9	UL-RL	3.9230E+04	-13.20	78.17	1.000	1.000
264.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
68 D	53.72	-9.1232E-04	94.64 188.3 160.5	224.0	UL-RL	3.9230E+04	-13.40	80.34	1.000	1.000
268.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
69 D	54.63	-8.8049E-04	96.91 190.7 162.9	225.2	UL-RL	3.9230E+04	-13.60	82.51	1.000	1.000
273.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
70 D	55.55	-8.4864E-04	99.17 193.1 165.4	226.4	UL-RL	3.9230E+04	-13.80	84.69	1.000	1.000
277.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
71 D	28.24	-8.1679E-04	101.4 195.5 167.8	227.6	UL-RL	3.9230E+04	-14.00	86.86	1.000	1.000
282.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_							

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:37:29

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	6.54232E-10	-6.54232E-10	6.56508E-11	1.81842E-10
2	-3.00236E-10	3.00236E-10	-1.46405E-10	1.05841E-11
3	1.56156E-10	-1.56156E-10	-2.53858E-11	1.29877E-10
4	6.54097E-02	-6.54097E-02	-8.35522E-11	1.30819E-02
5	0.53084	-0.53084	-1.30819E-02	0.11925
6	1.3806	-1.3806	-0.11925	0.39536
7	2.6488	-2.6488	-0.39536	0.92513
8	4.3062	-4.3062	-0.92513	1.7864
9	4.5497	-4.5497	-1.7864	2.6963
10	5.1000	-5.1000	-2.6963	3.7163
11	5.9151	-5.9151	-3.7163	4.8993
12	7.0396	-7.0396	-4.8993	6.3073
13	8.4876	-8.4876	-6.3073	8.0048
14	10.173	-10.173	-8.0048	10.039
15	12.173	-12.173	-10.039	12.474
16	14.459	-14.459	-12.474	15.366
17	17.003	-17.003	-15.366	18.766
18	19.827	-19.827	-18.766	22.732
19	22.950	-22.950	-22.732	27.322
20	26.344	-26.344	-27.322	32.591
21	29.995	-29.995	-32.591	38.590
22	33.913	-33.913	-38.590	45.372
23	38.120	-38.120	-45.372	52.996
24	42.696	-42.696	-52.996	61.535
25	48.524	-48.524	-61.535	71.240
26	53.727	-53.727	-71.240	81.985
27	61.772	-61.772	-81.985	94.340
28	72.609	-72.609	-94.340	108.86
29	69.810	-69.810	-108.86	122.82
30	65.439	-65.439	-122.82	135.91
31	59.422	-59.422	-135.91	147.80
32	53.241	-53.241	-147.80	158.44
33	46.528	-46.528	-158.44	167.75
34	38.826	-38.826	-167.75	175.52
35	30.977	-30.977	-175.52	181.71
36	22.894	-22.894	-181.71	186.29
37	14.364	-14.364	-186.29	189.16
38	5.2342	-5.2342	-189.16	190.21
39	-4.6216	4.6216	-190.21	189.28
40	-15.360	15.360	-189.28	186.21
41	-25.130	25.130	-186.21	181.19
42	-33.161	33.161	-181.19	174.55
43	-39.684	39.684	-174.55	166.62
44	-44.905	44.905	-166.62	157.64
45	-49.008	49.008	-157.64	147.83
46	-52.156	52.156	-147.83	137.40
47	-54.498	54.498	-137.40	126.50
48	-56.168	56.168	-126.50	115.27
49	-57.287	57.287	-115.27	103.81
50	-57.961	57.961	-103.81	92.221
51	-58.288	58.288	-92.221	80.563
52	-54.170	54.170	-80.563	69.730
53	-49.891	49.891	-69.730	59.751
54	-45.533	45.533	-59.751	50.645
55	-41.163	41.163	-50.645	42.412
56	-36.842	36.842	-42.412	35.044
57	-32.621	32.621	-35.044	28.520
58	-28.545	28.545	-28.520	22.811
59	-24.650	24.650	-22.811	17.881
60	-20.968	20.968	-17.881	13.687
61	-17.526	17.526	-13.687	10.182
62	-14.345	14.345	-10.182	7.3132
63	-11.444	11.444	-7.3132	5.0245
64	-8.8373	8.8373	-5.0245	3.2570
65	-6.5387	6.5387	-3.2570	1.9493
66	-4.5583	4.5583	-1.9493	1.0376
67	-2.9052	2.9052	-1.0376	0.45658
68	-1.5870	1.5870	-0.45658	0.13919

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69-0.62518 0.62518 -0.13919 1.41511E-02  
70-7.07520E-02 7.07520E-02-1.41511E-02 6.13593E-13

ITER 0 RNORM = 588.2 RMNORM= 0.000  
RINORM=0.3225E+06 RIMNOR=0.1247E+07  
RENORM= 611.7 REMNOR=0.2045E-19 RATIO =0.4355E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 72.61 RMMAX = 190.2  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
RDT =0.3225E+06 RDR =0.1247E+07  
RATIOT=0.4355E-01 RATIOR= 0.000  
MAX UN= 5.942 IEQ= 141 NODE 71 DOF 1 Y-DISPL.F  
MIN UN=-.6565E-10 IEQ= 2 NODE 1 DOF 2 X-ROT.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 588.2 RMNORM= 0.000  
RINORM=0.3225E+06 RIMNOR=0.1247E+07  
RENORM= 44.16 REMNOR=0.6006E-19 RATIO =0.1170E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 72.61 RMMAX = 190.2  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
RDT =0.3225E+06 RDR =0.1247E+07  
RATIOT=0.1170E-01 RATIOR= 0.000  
MAX UN= 4.507 IEQ= 51 NODE 26 DOF 1 Y-DISPL.F  
MIN UN=-.1105E-08 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 588.2 RMNORM= 0.000  
RINORM=0.3225E+06 RIMNOR=0.1247E+07  
RENORM=0.7132 REMNOR=0.5422E-19 RATIO =0.1487E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 72.61 RMMAX = 190.2  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
RDT =0.3225E+06 RDR =0.1247E+07  
RATIOT=0.1487E-02 RATIOR= 0.000  
MAX UN=0.8445 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F  
MIN UN=-.1135E-08 IEQ= 15 NODE 8 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 588.2 RMNORM= 0.000  
RINORM=0.3225E+06 RIMNOR=0.1247E+07  
RENORM=0.2913E-16 REMNOR=0.7685E-19 RATIO =0.9504E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 72.61 RMMAX = 190.2  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
RDT =0.3225E+06 RDR =0.1247E+07  
RATIOT=0.9504E-11 RATIOR= 0.000  
MAX UN=0.2377E-08 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
MIN UN=-.2502E-08 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:37:29

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	1.1031934E-02	-1.7527326E-03
2	1.0681388E-02	-1.7527211E-03
3	1.0330848E-02	-1.7526635E-03
4	9.9803287E-03	-1.7525136E-03
5	9.6298522E-03	-1.7522234E-03
6	9.2794529E-03	-1.7517299E-03
7	8.9291796E-03	-1.7509455E-03
8	8.5791016E-03	-1.7497571E-03
9	8.2293130E-03	-1.7480261E-03
10	7.8799344E-03	-1.7456465E-03
11	7.5311024E-03	-1.7425468E-03
12	7.1829696E-03	-1.7386380E-03
13	6.8357083E-03	-1.7338126E-03
14	6.4895141E-03	-1.7279432E-03
15	6.1446103E-03	-1.7208847E-03
16	5.8012504E-03	-1.7124744E-03
17	5.4597210E-03	-1.7025308E-03
18	5.1203518E-03	-1.6908552E-03
19	4.7835088E-03	-1.6772318E-03
20	4.4496045E-03	-1.6614266E-03
21	4.1191020E-03	-1.6431875E-03
22	3.7925114E-03	-1.6222455E-03
23	3.4704030E-03	-1.5983156E-03
24	3.1534045E-03	-1.5710947E-03
25	2.8422065E-03	-1.5402530E-03
26	2.5375697E-03	-1.5054157E-03
27	2.2403328E-03	-1.4662125E-03
28	1.9514013E-03	-1.4222824E-03
29	1.6717613E-03	-1.3732302E-03
30	1.4024483E-03	-1.3190927E-03
31	1.1444293E-03	-1.2603791E-03
32	8.9856534E-04	-1.1976534E-03
33	6.6559874E-04	-1.1314841E-03
34	4.4616576E-04	-1.0624038E-03
35	2.4079623E-04	-9.9093853E-04
36	4.9913054E-05	-9.1763275E-04
37	-1.2617138E-04	-8.4305766E-04
38	-2.8726495E-04	-7.6782006E-04
39	-4.3329889E-04	-6.9257465E-04
40	-5.6434108E-04	-6.1802334E-04
41	-6.8060371E-04	-5.4490427E-04
42	-7.8244555E-04	-4.7392651E-04
43	-8.7035706E-04	-4.0569005E-04
44	-9.4493609E-04	-3.4067142E-04
45	-1.0068645E-03	-2.7924038E-04
46	-1.0568895E-03	-2.2167330E-04
47	-1.0958046E-03	-1.6816806E-04
48	-1.1244362E-03	-1.1885462E-04
49	-1.1436308E-03	-7.3805963E-05
50	-1.1542446E-03	-3.3047936E-05
51	-1.1571350E-03	3.4329406E-06
52	-1.1531534E-03	3.5681232E-05
53	-1.1431320E-03	6.3895458E-05
54	-1.1278445E-03	8.8378227E-05
55	-1.1080107E-03	1.0941038E-04
56	-1.0842895E-03	1.2730461E-04
57	-1.0572773E-03	1.4237249E-04
58	-1.0275085E-03	1.5492013E-04
59	-9.9545747E-04	1.6524434E-04
60	-9.6154008E-04	1.7362943E-04
61	-9.2611704E-04	1.8034435E-04
62	-8.8949694E-04	1.8564030E-04
63	-8.5194009E-04	1.8974870E-04
64	-8.1366263E-04	1.9287950E-04
65	-7.7484099E-04	1.9521975E-04
66	-7.3561658E-04	1.9693235E-04
67	-6.9610071E-04	1.9815500E-04
68	-6.5637980E-04	1.9899924E-04
69	-6.1652060E-04	1.9954977E-04
70	-5.7657569E-04	1.9986333E-04
71	-5.3658732E-04	1.9996616E-04





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33 D	19.17	-6.6560E-04	143.3	78.47	143.3	111.0	UL-RL	4.5386E+04	-6.400	17.37	1.000	1.000
95.84	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	21.24	-4.4617E-04	145.9	87.00	145.9	115.0	UL-RL	4.5386E+04	-6.600	19.20	1.000	1.000
106.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	23.21	-2.4080E-04	149.4	95.00	149.4	118.8	UL-RL	4.5386E+04	-6.800	21.03	1.000	1.000
116.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	25.07	-4.9913E-05	152.4	102.5	152.4	122.6	UL-RL	4.5386E+04	-7.000	22.86	1.000	1.000
125.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	26.75	1.2617E-04	155.5	109.0	155.5	126.5	UL-RL	4.5386E+04	-7.200	24.69	1.000	1.000
133.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	28.32	2.8726E-04	158.4	115.1	158.4	130.3	UL-RL	4.5386E+04	-7.400	26.51	1.000	1.000
141.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	29.80	4.3330E-04	161.8	120.6	161.8	134.0	UL-RL	4.5386E+04	-7.600	28.34	1.000	1.000
149.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	31.17	5.6434E-04	164.7	125.7	164.7	137.5	UL-RL	4.5386E+04	-7.800	30.17	1.000	1.000
155.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	32.42	6.8060E-04	167.7	130.1	167.7	141.0	UL-RL	4.5386E+04	-8.000	32.00	1.000	1.000
162.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	33.61	7.8245E-04	170.6	134.2	170.6	144.3	UL-RL	4.5386E+04	-8.200	33.83	1.000	1.000
168.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	34.73	8.7036E-04	173.9	138.0	173.9	147.4	UL-RL	4.5386E+04	-8.400	35.66	1.000	1.000
173.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	35.78	9.4494E-04	176.4	141.4	176.4	150.3	UL-RL	4.5386E+04	-8.600	37.49	1.000	1.000
178.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	36.78	1.0069E-03	179.6	144.6	179.6	153.1	UL-RL	4.5386E+04	-8.800	39.31	1.000	1.000
183.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	37.72	1.0569E-03	182.5	147.4	182.5	155.6	UL-RL	4.5386E+04	-9.000	41.14	1.000	1.000
188.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	38.61	1.0958E-03	185.6	150.1	185.6	158.0	UL-RL	4.5386E+04	-9.200	42.97	1.000	1.000
193.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	39.46	1.1244E-03	188.2	152.5	188.2	160.2	UL-RL	4.5386E+04	-9.400	44.80	1.000	1.000
197.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	40.26	1.1436E-03	191.3	154.7	191.3	162.2	UL-RL	4.5386E+04	-9.600	46.63	1.000	1.000
201.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	41.02	1.1542E-03	194.1	156.7	194.1	164.2	UL-RL	4.5386E+04	-9.800	48.46	1.000	1.000
205.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	41.76	1.1571E-03	196.9	158.5	196.9	166.0	UL-RL	4.5386E+04	-10.00	50.29	1.000	1.000
208.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	43.47	1.1532E-03	199.7	165.2	199.7	175.1	UL-RL	5.9250E+04	-10.20	52.11	1.000	1.000
217.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	44.13	1.1431E-03	202.8	166.7	202.8	176.6	UL-RL	5.9250E+04	-10.40	53.94	1.000	1.000
220.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	44.76	1.1278E-03	205.3	168.0	205.3	178.1	UL-RL	5.9250E+04	-10.60	55.77	1.000	1.000
223.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	45.36	1.1080E-03	208.4	169.2	208.4	179.5	UL-RL	5.9250E+04	-10.80	57.60	1.000	1.000
226.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	45.94	1.0843E-03	211.1	170.3	211.1	180.8	UL-RL	5.9250E+04	-11.00	59.43	1.000	1.000
229.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	46.50	1.0573E-03	214.1	171.3	214.1	182.0	UL-RL	5.9250E+04	-11.20	61.26	1.000	1.000
232.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	47.04	1.0275E-03	216.6	172.1	216.6	183.2	UL-RL	5.9250E+04	-11.40	63.09	1.000	1.000
235.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	47.57	9.9546E-04	219.6	173.0	219.6	184.3	UL-RL	5.9250E+04	-11.60	64.91	1.000	1.000
237.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	48.09	9.6154E-04	222.4	173.7	222.4	185.4	UL-RL	5.9250E+04	-11.80	66.74	1.000	1.000
240.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	48.60	9.2612E-04	225.1	174.4	225.1	186.5	UL-RL	5.9250E+04	-12.00	68.57	1.000	1.000
243.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	49.10	8.8950E-04	227.8	175.1	227.8	187.6	UL-RL	5.9250E+04	-12.20	70.40	1.000	1.000
245.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	49.59	8.5194E-04	230.8	175.7	230.8	188.6	UL-RL	5.9250E+04	-12.40	72.23	1.000	1.000
248.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	50.08	8.1366E-04	233.3	176.3	233.3	189.7	UL-RL	5.9250E+04	-12.60	74.06	1.000	1.000
250.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	50.57	7.7484E-04	236.2	176.9	236.2	190.7	UL-RL	5.9250E+04	-12.80	75.89	1.000	1.000
252.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	51.05	7.3562E-04	238.9	177.5	238.9	191.8	UL-RL	5.9250E+04	-13.00	77.71	1.000	1.000
255.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	51.53	6.9610E-04	241.9	178.1	241.9	192.8	UL-RL	5.9250E+04	-13.20	79.54	1.000	1.000
257.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	52.01	6.5638E-04	244.3	178.7	244.3	193.8	UL-RL	5.9250E+04	-13.40	81.37	1.000	1.000
260.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	52.47	6.1652E-04	247.3	179.1	247.3	194.9	UL-RL	5.9250E+04	-13.60	83.20	1.000	1.000
262.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	52.88	5.7658E-04	249.9	179.4	249.9	196.1	UL-RL	5.9250E+04	-13.80	85.03	1.000	1.000
264.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	26.65	5.3659E-04	252.7	179.6	252.7	197.4	UL-RL	5.9250E+04	-14.00	86.86	1.000	1.000
266.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									



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33 D	29.05	6.6560E-04	15.24	140.9	75.08	146.8	PASSIVE	0.000	-6.400	4.343	1.000	1.000
145.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	31.53	4.4617E-04	17.51	151.1	77.52	158.0	PASSIVE	0.000	-6.600	6.514	1.000	1.000
157.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	34.02	2.4080E-04	19.77	161.4	79.96	169.3	PASSIVE	0.000	-6.800	8.686	1.000	1.000
170.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	36.51	4.9913E-05	22.04	171.7	82.40	180.5	PASSIVE	0.000	-7.000	10.86	1.000	1.000
182.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	39.01	-1.2617E-04	24.31	182.0	84.84	191.8	PASSIVE	0.000	-7.200	13.03	1.000	1.000
195.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	41.51	-2.8726E-04	26.58	192.3	87.28	203.0	PASSIVE	0.000	-7.400	15.20	1.000	1.000
207.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	43.81	-4.3330E-04	28.85	201.7	89.72	214.2	UL-RL	2.8961E+04	-7.600	17.37	1.000	1.000
219.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	45.74	-5.6434E-04	31.12	209.1	92.16	225.5	UL-RL	2.8961E+04	-7.800	19.54	1.000	1.000
228.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	45.74	-6.8060E-04	33.39	207.0	94.60	226.7	UL-RL	2.8961E+04	-8.000	21.71	1.000	1.000
228.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	44.94	-7.8245E-04	35.65	200.8	97.04	223.5	UL-RL	2.8961E+04	-8.200	23.89	1.000	1.000
224.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	44.35	-8.7036E-04	37.92	195.7	99.48	220.9	UL-RL	2.8961E+04	-8.400	26.06	1.000	1.000
221.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	43.92	-9.4494E-04	40.19	191.4	101.9	218.8	UL-RL	2.8961E+04	-8.600	28.23	1.000	1.000
219.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	43.66	-1.0069E-03	42.46	187.9	104.4	217.1	UL-RL	2.8961E+04	-8.800	30.40	1.000	1.000
218.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	43.53	-1.0569E-03	44.73	185.1	106.8	215.7	UL-RL	2.8961E+04	-9.000	32.57	1.000	1.000
217.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	43.53	-1.0958E-03	47.00	182.9	109.2	214.7	UL-RL	2.8961E+04	-9.200	34.74	1.000	1.000
217.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	43.64	-1.1244E-03	49.27	181.3	111.7	213.9	UL-RL	2.8961E+04	-9.400	36.91	1.000	1.000
218.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	43.85	-1.1436E-03	51.53	180.2	114.1	213.3	UL-RL	2.8961E+04	-9.600	39.09	1.000	1.000
219.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	44.15	-1.1542E-03	53.80	179.5	116.6	212.9	UL-RL	2.8961E+04	-9.800	41.26	1.000	1.000
220.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	44.53	-1.1571E-03	56.07	179.2	119.0	212.7	UL-RL	2.8961E+04	-10.00	43.43	1.000	1.000
222.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	42.61	-1.1532E-03	58.34	167.5	121.4	212.7	UL-RL	3.9230E+04	-10.20	45.60	1.000	1.000
213.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	43.15	-1.1431E-03	60.61	168.0	123.9	212.8	UL-RL	3.9230E+04	-10.40	47.77	1.000	1.000
215.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	43.74	-1.1278E-03	62.88	168.8	126.3	213.0	UL-RL	3.9230E+04	-10.60	49.94	1.000	1.000
218.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	44.40	-1.1080E-03	65.15	169.9	128.8	213.3	UL-RL	3.9230E+04	-10.80	52.11	1.000	1.000
222.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	45.11	-1.0843E-03	67.41	171.2	131.2	213.8	UL-RL	3.9230E+04	-11.00	54.29	1.000	1.000
225.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	45.85	-1.0573E-03	69.68	172.8	133.6	214.3	UL-RL	3.9230E+04	-11.20	56.46	1.000	1.000
229.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	46.64	-1.0275E-03	71.95	174.6	136.1	214.9	UL-RL	3.9230E+04	-11.40	58.63	1.000	1.000
233.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	47.46	-9.9546E-04	74.22	176.5	138.5	215.6	UL-RL	3.9230E+04	-11.60	60.80	1.000	1.000
237.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	48.31	-9.6154E-04	76.49	178.6	141.0	216.3	UL-RL	3.9230E+04	-11.80	62.97	1.000	1.000
241.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	49.18	-9.2612E-04	78.76	180.8	143.4	217.1	UL-RL	3.9230E+04	-12.00	65.14	1.000	1.000
245.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	50.07	-8.8950E-04	81.03	183.1	145.8	218.0	UL-RL	3.9230E+04	-12.20	67.31	1.000	1.000
250.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	50.98	-8.5194E-04	83.29	185.4	148.3	218.9	UL-RL	3.9230E+04	-12.40	69.49	1.000	1.000
254.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	51.91	-8.1366E-04	85.56	187.9	150.7	219.8	UL-RL	3.9230E+04	-12.60	71.66	1.000	1.000
259.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	52.85	-7.7484E-04	87.83	190.4	153.2	220.8	UL-RL	3.9230E+04	-12.80	73.83	1.000	1.000
264.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	53.80	-7.3562E-04	90.10	193.0	155.6	221.9	UL-RL	3.9230E+04	-13.00	76.00	1.000	1.000
269.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	54.76	-6.9610E-04	92.37	195.6	158.0	222.9	UL-RL	3.9230E+04	-13.20	78.17	1.000	1.000
273.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	55.73	-6.5638E-04	94.64	198.3	160.5	224.0	UL-RL	3.9230E+04	-13.40	80.34	1.000	1.000
278.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	56.71	-6.1652E-04	96.91	201.0	162.9	225.2	UL-RL	3.9230E+04	-13.60	82.51	1.000	1.000
283.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	57.69	-5.7658E-04	99.17	203.8	165.4	226.4	UL-RL	3.9230E+04	-13.80	84.69	1.000	1.000
288.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	29.34	-5.3659E-04	101.4	206.5	167.8	227.6	UL-RL	3.9230E+04	-14.00	86.86	1.000	1.000
293.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:37:29

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.36470	-0.36470	6.60466E-12	7.29392E-02
2	1.0941	-1.0941	-7.29392E-02	0.29176
3	1.8235	-1.8235	-0.29176	0.65645
4	2.6183	-2.6183	-0.65645	1.1801
5	3.8131	-3.8131	-1.1801	1.9427
6	5.3922	-5.3922	-1.9427	3.0212
7	7.3899	-7.3899	-3.0212	4.4991
8	9.7766	-9.7766	-4.4991	6.4545
9	10.750	-10.750	-6.4545	8.6044
10	12.029	-12.029	-8.6044	11.010
11	13.574	-13.574	-11.010	13.725
12	15.428	-15.428	-13.725	16.810
13	17.605	-17.605	-16.810	20.331
14	20.020	-20.020	-20.331	24.335
15	22.750	-22.750	-24.335	28.885
16	25.764	-25.764	-28.885	34.038
17	29.038	-29.038	-34.038	39.846
18	32.591	-32.591	-39.846	46.364
19	36.444	-36.444	-46.364	53.653
20	40.568	-40.568	-53.653	61.766
21	44.948	-44.948	-61.766	70.756
22	49.595	-49.595	-70.756	80.675
23	54.531	-54.531	-80.675	91.581
24	60.035	-60.035	-91.581	103.59
25	66.384	-66.384	-103.59	116.86
26	71.762	-71.762	-116.86	131.22
27	77.792	-77.792	-131.22	146.78
28	84.276	-84.276	-146.78	163.63
29	76.624	-76.624	-163.63	178.96
30	68.165	-68.165	-178.96	192.59
31	58.788	-58.788	-192.59	204.35
32	50.162	-50.162	-204.35	214.38
33	41.945	-41.945	-214.38	222.77
34	33.513	-33.513	-222.77	229.47
35	24.723	-24.723	-229.47	234.41
36	15.450	-15.450	-234.41	237.50
37	5.4997	-5.4997	-237.50	238.60
38	-5.2523	5.2523	-238.60	237.55
39	-16.709	16.709	-237.55	234.21
40	-28.608	28.608	-234.21	228.49
41	-39.144	39.144	-228.49	220.66
42	-47.592	47.592	-220.66	211.14
43	-54.222	54.222	-211.14	200.30
44	-59.281	59.281	-200.30	188.44
45	-62.986	62.986	-188.44	175.85
46	-65.532	65.532	-175.85	162.74
47	-67.098	67.098	-162.74	149.32
48	-67.842	67.842	-149.32	135.75
49	-67.909	67.909	-135.75	122.17
50	-67.428	67.428	-122.17	108.68
51	-66.516	66.516	-108.68	95.380
52	-61.055	61.055	-95.380	83.170
53	-57.058	57.058	-83.170	71.759
54	-52.121	52.121	-71.759	61.334
55	-47.164	47.164	-61.334	51.902
56	-42.262	42.262	-51.902	43.449
57	-37.479	37.479	-43.449	35.953
58	-32.871	32.871	-35.953	29.379
59	-28.484	28.484	-29.379	23.682
60	-24.361	24.361	-23.682	18.810
61	-20.536	20.536	-18.810	14.703
62	-17.039	17.039	-14.703	11.295
63	-13.893	13.893	-11.295	8.5167
64	-11.120	11.120	-8.5167	6.2926
65	-8.7385	8.7385	-6.2926	4.5449
66	-6.7640	6.7640	-4.5449	3.1921
67	-5.2090	5.2090	-3.1921	2.1503
68	-4.0839	4.0839	-2.1503	1.3335

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69	-3.4141	3.4141	-1.3335	0.65069
70	-3.2533	3.2533	-0.65069	5.06123E-13

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FINAL INCREMENTAL ANALYSIS  
SUMMARY

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	6
3	CONVERGENCE :YES	4

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.28 [sec]

DATABASE CREATION CPU TIME..... 0.11 [sec]

### 3. PARATIA ALLA PK 140+462, H = 10 M

#### Design Assumption : Nominal - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:40:46

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*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

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JOB : NewProject.BaseDesignSection\_28.Nominal\_63

STARTING

ACCEPTED &lt;FILE,GENW

ACCEPTED &lt;FILE,PLOTTER,BINARY

ACCEPTED &lt;SOLVE TOTAL\_STRESS

ACCEPTED &lt;PARAM ITEMAY 40

ACCEPTED &lt;CONTROL HINGES 0 0.0001 0.001

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\* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED \*  
\* BY THE PROGRAM. \*  
\*\*\*\*\*

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:40:46

INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	51
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	102
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	411
NO. OF LONG NAMES (LASTNAME) .....	15
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63

Exe Time : 8 June 2018 11:40:46

P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 411

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -10 0 1
7 : SOIL 0_L LeftWall_32 -10 0 1 0
8 : SOIL 0_R LeftWall_32 -10 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -10 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 1.5 28.5 0 20 45
34 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
35 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
36 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
37 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
38 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
39 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
40 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
41 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
42 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
43 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
44 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
45 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
46 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
47 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
48 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
49 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
50 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
51 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
52 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
53 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
54 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
55 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
56 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 14.8 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 15.2 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 15.6 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 16 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 16.4 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 16.8 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 17.2 0.4 0 50.4 45

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78 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
 79 : STRIP LeftWall\_32 1 1 18 0.4 0 50.4 45  
 80 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
 81 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
 82 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
 83 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
 84 : STRIP LeftWall\_32 1 1 20 0.4 0 50.4 45  
 85 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
 86 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
 87 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
 88 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
 89 : STRIP LeftWall\_32 1 1 22 0.4 0 50.4 45  
 90 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
 91 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
 92 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
 93 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
 94 : STRIP LeftWall\_32 1 1 24 0.4 0 50.4 45  
 95 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
 96 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
 97 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
 98 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
 99 : STRIP LeftWall\_32 1 1 26 0.4 0 50.4 45  
 100 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
 101 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
 102 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
 103 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
 104 : STRIP LeftWall\_32 1 1 28 0.4 0 50.4 45  
 105 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
 106 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
 107 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
 108 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
 109 : STRIP LeftWall\_32 2 2 0 0.4 0 1.68 45  
 110 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
 111 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
 112 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
 113 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
 114 : STRIP LeftWall\_32 2 2 2 0.4 0 18.48 45  
 115 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
 116 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
 117 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
 118 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
 119 : STRIP LeftWall\_32 2 2 4 0.4 0 35.28 45  
 120 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
 121 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
 122 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
 123 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
 124 : STRIP LeftWall\_32 2 2 6 0.4 0 50.4 45  
 125 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
 126 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
 127 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
 128 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
 129 : STRIP LeftWall\_32 2 2 8 0.4 0 50.4 45  
 130 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
 131 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
 132 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
 133 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
 134 : STRIP LeftWall\_32 2 2 10 0.4 0 50.4 45  
 135 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
 136 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
 137 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
 138 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
 139 : STRIP LeftWall\_32 2 2 12 0.4 0 50.4 45  
 140 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
 141 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
 142 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
 143 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
 144 : STRIP LeftWall\_32 2 2 14 0.4 0 50.4 45  
 145 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
 146 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
 147 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
 148 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
 149 : STRIP LeftWall\_32 2 2 16 0.4 0 50.4 45  
 150 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
 151 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
 152 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
 153 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
 154 : STRIP LeftWall\_32 2 2 18 0.4 0 50.4 45  
 155 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
 156 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
 157 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
 158 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
 159 : STRIP LeftWall\_32 2 2 20 0.4 0 50.4 45  
 160 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45  
 161 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 162 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 163 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 164 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 165 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 166 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 167 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 26 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 28 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 185 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 186 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 187 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
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 189 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 190 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
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 198 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
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 201 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
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 205 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 206 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
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 210 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
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 215 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 216 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
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 221 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 16 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 20 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 22 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 28 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 259 : STEP Stage1\_31  
 260 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 261 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 262 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 263 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 264 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 265 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 266 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 267 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 268 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 269 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 270 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32  
 271 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
 272 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
 273 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
 274 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
 275 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
 276 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
 277 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
 278 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
 279 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 280 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
 281 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 282 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
 283 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 284 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 286 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
 287 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 288 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
 289 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 290 : SETWALL LeftWall\_32  
 291 : GEOM 0 0  
 292 : WATER -0.5 0 -10 0 0  
 293 : ADD WallElement\_33  
 294 : ENDSTEP  
 295 : STEP Stage2\_446  
 296 : SETWALL LeftWall\_32  
 297 : GEOM 0 -2.42  
 298 : WATER -1.4 1.5 -10 0 0  
 299 : ENDSTEP  
 300 : STEP Stage3\_549  
 301 : SETWALL LeftWall\_32  
 302 : GEOM 0 -2.42  
 303 : WATER -1.4 1.5 -10 0 0  
 304 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.433 LeftWall\_32  
 305 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.503 LeftWall\_32  
 306 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.871 LeftWall\_32  
 307 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.661 LeftWall\_32  
 308 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.433 LeftWall\_32  
 309 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.503 LeftWall\_32  
 310 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.871 LeftWall\_32  
 311 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.661 LeftWall\_32  
 312 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAED=0.244 LeftWall\_32  
 313 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAEW=0.279 LeftWall\_32  
 314 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPED=7.211 LeftWall\_32  
 315 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPEW=6.935 LeftWall\_32  
 316 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAED=0.244 LeftWall\_32  
 317 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAEW=0.279 LeftWall\_32  
 318 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPED=7.211 LeftWall\_32  
 319 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPEW=6.935 LeftWall\_32  
 320 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAED=0.244 LeftWall\_32  
 321 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAEW=0.279 LeftWall\_32  
 322 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPED=7.211 LeftWall\_32  
 323 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPEW=6.942 LeftWall\_32  
 324 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAED=0.244 LeftWall\_32  
 325 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAEW=0.279 LeftWall\_32  
 326 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPED=7.211 LeftWall\_32  
 327 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPEW=6.942 LeftWall\_32  
 328 : EQK USER 0.0746 0 0 26.57 0.66 0 0.66 1 0  
 329 : DLOAD step LeftWall\_32 -2.42 1.243 0 1.243  
 330 : DLOAD step LeftWall\_32 -2.42 0.9375 0 0.9375  
 331 : DLOAD step LeftWall\_32 -1.6 1.888 -1.4 0  
 332 : DLOAD step LeftWall\_32 -1.8 2.67 -1.6 1.888  
 333 : DLOAD step LeftWall\_32 -2 3.27 -1.8 2.67  
 334 : DLOAD step LeftWall\_32 -2.2 3.776 -2 3.27  
 335 : DLOAD step LeftWall\_32 -2.4 4.222 -2.2 3.776  
 336 : DLOAD step LeftWall\_32 -2.6 4.625 -2.4 4.222  
 337 : DLOAD step LeftWall\_32 -2.8 4.995 -2.6 4.625  
 338 : DLOAD step LeftWall\_32 -3 5.34 -2.8 4.995  
 339 : DLOAD step LeftWall\_32 -3.2 5.664 -3 5.34  
 340 : DLOAD step LeftWall\_32 -3.4 5.97 -3.2 5.664  
 341 : DLOAD step LeftWall\_32 -3.6 6.262 -3.4 5.97  
 342 : DLOAD step LeftWall\_32 -3.8 6.54 -3.6 6.262  
 343 : DLOAD step LeftWall\_32 -4 6.807 -3.8 6.54  
 344 : DLOAD step LeftWall\_32 -4.2 7.064 -4 6.807  
 345 : DLOAD step LeftWall\_32 -4.4 7.312 -4.2 7.064  
 346 : DLOAD step LeftWall\_32 -4.6 7.552 -4.4 7.312  
 347 : DLOAD step LeftWall\_32 -4.8 7.784 -4.6 7.552

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348 : DLOAD step LeftWall\_32 -5 8.01 -4.8 7.784  
 349 : DLOAD step LeftWall\_32 -5.2 8.229 -5 8.01  
 350 : DLOAD step LeftWall\_32 -5.4 8.443 -5.2 8.229  
 351 : DLOAD step LeftWall\_32 -5.6 8.652 -5.4 8.443  
 352 : DLOAD step LeftWall\_32 -5.8 8.855 -5.6 8.652  
 353 : DLOAD step LeftWall\_32 -6 9.054 -5.8 8.855  
 354 : DLOAD step LeftWall\_32 -6.2 9.249 -6 9.054  
 355 : DLOAD step LeftWall\_32 -6.4 9.44 -6.2 9.249  
 356 : DLOAD step LeftWall\_32 -6.6 9.627 -6.4 9.44  
 357 : DLOAD step LeftWall\_32 -6.8 9.81 -6.6 9.627  
 358 : DLOAD step LeftWall\_32 -7 9.99 -6.8 9.81  
 359 : DLOAD step LeftWall\_32 -7.2 10.17 -7 9.99  
 360 : DLOAD step LeftWall\_32 -7.4 10.34 -7.2 10.17  
 361 : DLOAD step LeftWall\_32 -7.6 10.51 -7.4 10.34  
 362 : DLOAD step LeftWall\_32 -7.8 10.68 -7.6 10.51  
 363 : DLOAD step LeftWall\_32 -8 10.85 -7.8 10.68  
 364 : DLOAD step LeftWall\_32 -8.2 11.01 -8 10.85  
 365 : DLOAD step LeftWall\_32 -8.4 11.17 -8.2 11.01  
 366 : DLOAD step LeftWall\_32 -8.6 11.33 -8.4 11.17  
 367 : DLOAD step LeftWall\_32 -8.8 11.48 -8.6 11.33  
 368 : DLOAD step LeftWall\_32 -9 11.64 -8.8 11.48  
 369 : DLOAD step LeftWall\_32 -9.2 11.79 -9 11.64  
 370 : DLOAD step LeftWall\_32 -9.4 11.94 -9.2 11.79  
 371 : DLOAD step LeftWall\_32 -9.6 12.09 -9.4 11.94  
 372 : DLOAD step LeftWall\_32 -9.8 12.24 -9.6 12.09  
 373 : DLOAD step LeftWall\_32 -10 12.38 -9.8 12.24  
 374 : DLOAD step LeftWall\_32 -10 12.38 -10 12.38  
 375 : DLOAD step LeftWall\_32 -3.1 1.715 -2.9 0  
 376 : DLOAD step LeftWall\_32 -3.3 2.426 -3.1 1.715  
 377 : DLOAD step LeftWall\_32 -3.5 2.971 -3.3 2.426  
 378 : DLOAD step LeftWall\_32 -3.7 3.431 -3.5 2.971  
 379 : DLOAD step LeftWall\_32 -3.9 3.836 -3.7 3.431  
 380 : DLOAD step LeftWall\_32 -4.1 4.202 -3.9 3.836  
 381 : DLOAD step LeftWall\_32 -4.3 4.539 -4.1 4.202  
 382 : DLOAD step LeftWall\_32 -4.5 4.852 -4.3 4.539  
 383 : DLOAD step LeftWall\_32 -4.7 5.146 -4.5 4.852  
 384 : DLOAD step LeftWall\_32 -4.9 5.425 -4.7 5.146  
 385 : DLOAD step LeftWall\_32 -5.1 5.689 -4.9 5.425  
 386 : DLOAD step LeftWall\_32 -5.3 5.942 -5.1 5.689  
 387 : DLOAD step LeftWall\_32 -5.5 6.185 -5.3 5.942  
 388 : DLOAD step LeftWall\_32 -5.7 6.419 -5.5 6.185  
 389 : DLOAD step LeftWall\_32 -5.9 6.644 -5.7 6.419  
 390 : DLOAD step LeftWall\_32 -6.1 6.862 -5.9 6.644  
 391 : DLOAD step LeftWall\_32 -6.3 7.073 -6.1 6.862  
 392 : DLOAD step LeftWall\_32 -6.5 7.278 -6.3 7.073  
 393 : DLOAD step LeftWall\_32 -6.7 7.477 -6.5 7.278  
 394 : DLOAD step LeftWall\_32 -6.9 7.672 -6.7 7.477  
 395 : DLOAD step LeftWall\_32 -7.1 7.861 -6.9 7.672  
 396 : DLOAD step LeftWall\_32 -7.3 8.046 -7.1 7.861  
 397 : DLOAD step LeftWall\_32 -7.5 8.227 -7.3 8.046  
 398 : DLOAD step LeftWall\_32 -7.7 8.404 -7.5 8.227  
 399 : DLOAD step LeftWall\_32 -7.9 8.577 -7.7 8.404  
 400 : DLOAD step LeftWall\_32 -8.1 8.747 -7.9 8.577  
 401 : DLOAD step LeftWall\_32 -8.3 8.914 -8.1 8.747  
 402 : DLOAD step LeftWall\_32 -8.5 9.077 -8.3 8.914  
 403 : DLOAD step LeftWall\_32 -8.7 9.238 -8.5 9.077  
 404 : DLOAD step LeftWall\_32 -8.9 9.396 -8.7 9.238  
 405 : DLOAD step LeftWall\_32 -9.1 9.551 -8.9 9.396  
 406 : DLOAD step LeftWall\_32 -9.3 9.704 -9.1 9.551  
 407 : DLOAD step LeftWall\_32 -9.5 9.854 -9.3 9.704  
 408 : DLOAD step LeftWall\_32 -9.7 10 -9.5 9.854  
 409 : DLOAD step LeftWall\_32 -9.9 10.15 -9.7 10  
 410 : DLOAD step LeftWall\_32 -10 10.22 -9.9 10.15  
 411 : ENDSTEP

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD /
1	0.0000	0.0000 /	2	0.0000 -0.20000 /	3	0.0000 -0.40000 /	4	0.0000 -0.60000 /
5	0.0000	-0.80000 /	6	0.0000 -1.0000 /	7	0.0000 -1.2000 /	8	0.0000 -1.4000 /
9	0.0000	-1.6000 /	10	0.0000 -1.8000 /	11	0.0000 -2.0000 /	12	0.0000 -2.2000 /
13	0.0000	-2.4000 /	14	0.0000 -2.6000 /	15	0.0000 -2.8000 /	16	0.0000 -3.0000 /
17	0.0000	-3.2000 /	18	0.0000 -3.4000 /	19	0.0000 -3.6000 /	20	0.0000 -3.8000 /
21	0.0000	-4.0000 /	22	0.0000 -4.2000 /	23	0.0000 -4.4000 /	24	0.0000 -4.6000 /
25	0.0000	-4.8000 /	26	0.0000 -5.0000 /	27	0.0000 -5.2000 /	28	0.0000 -5.4000 /
29	0.0000	-5.6000 /	30	0.0000 -5.8000 /	31	0.0000 -6.0000 /	32	0.0000 -6.2000 /
33	0.0000	-6.4000 /	34	0.0000 -6.6000 /	35	0.0000 -6.8000 /	36	0.0000 -7.0000 /
37	0.0000	-7.2000 /	38	0.0000 -7.4000 /	39	0.0000 -7.6000 /	40	0.0000 -7.8000 /
41	0.0000	-8.0000 /	42	0.0000 -8.2000 /	43	0.0000 -8.4000 /	44	0.0000 -8.6000 /
45	0.0000	-8.8000 /	46	0.0000 -9.0000 /	47	0.0000 -9.2000 /	48	0.0000 -9.4000 /
49	0.0000	-9.6000 /	50	0.0000 -9.8000 /	51	0.0000 -10.000 /		



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+-----+
    
```

```

ELEMENT GROUP NO. 1

0_L
 5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0
    
```

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage	status
1	active
2	active
3	active

material set no. 1  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 1.00000

material set no. 2  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 2.00000

material set no. 3  
prop( 1) angle 0.00000  
prop( 2) layer as foreseen 3.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000

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43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.1000	0.000	0.000	0.000	1.000



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```

ELEMENT GROUP NO. 2

```

0_R
5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage status
-----
1 active
2 active
3 active

```

```

material set no. 1
prop( 1) angle 180.000
prop( 2) layer as foreseen 1.00000

```

```

material set no. 2
prop( 1) angle 180.000
prop( 2) layer as foreseen 2.00000

```

```

material set no. 3
prop( 1) angle 180.000
prop( 2) layer as foreseen 3.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000

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43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33  
2 50 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:40:46

NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:40:46

L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -2.420 PRESSURE 1.243  
Z-COORD 0.000 PRESSURE 1.243



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L.CURVE 3

NO. OF GENERATED NODAL FORCES		13	
NODE	Z-LVL	FORCE /	NODE
13	-.2400E+01	0.1372479E+00 /	12
10	-.1800E+01	0.2496358E+00 /	9
7	-.1200E+01	0.2496358E+00 /	6
4	-.6000E+00	0.2496358E+00 /	3
1	0.0000E+00	0.1248179E+00 /	

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 3.0081

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
 AT Y-COORD 0.000 Z-COORD -2.420 PRESSURE 0.9375  
 Z-COORD 0.000 PRESSURE 0.9375

L.CURVE 3

NO. OF GENERATED NODAL FORCES		13	
NODE	Z-LVL	FORCE /	NODE
13	-.2400E+01	0.1035156E+00 /	12
10	-.1800E+01	0.1882812E+00 /	9
7	-.1200E+01	0.1882812E+00 /	6
4	-.6000E+00	0.1882812E+00 /	3
1	0.0000E+00	0.9414062E-01 /	

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2687

PROCESSING DISTRIBUTED LOADS CARD NO. 3  
 AT Y-COORD 0.000 Z-COORD -1.600 PRESSURE 1.888  
 Z-COORD -1.400 PRESSURE 0.000

L.CURVE 3

NO. OF GENERATED NODAL FORCES		2	
NODE	Z-LVL	FORCE /	NODE
9	-.1600E+01	0.1888000E+00 /	8

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.18880

PROCESSING DISTRIBUTED LOADS CARD NO. 4  
 AT Y-COORD 0.000 Z-COORD -1.800 PRESSURE 2.670  
 Z-COORD -1.600 PRESSURE 1.888

L.CURVE 3

NO. OF GENERATED NODAL FORCES		2	
NODE	Z-LVL	FORCE /	NODE
10	-.1800E+01	0.2670000E+00 /	9

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.45580

PROCESSING DISTRIBUTED LOADS CARD NO. 5  
 AT Y-COORD 0.000 Z-COORD -2.000 PRESSURE 3.270  
 Z-COORD -1.800 PRESSURE 2.670

L.CURVE 3

NO. OF GENERATED NODAL FORCES		2	
NODE	Z-LVL	FORCE /	NODE
11	-.2000E+01	0.3270000E+00 /	10

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.59400

PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -2.200 PRESSURE 3.776  
 Z-COORD -2.000 PRESSURE 3.270

L.CURVE 3

NO. OF GENERATED NODAL FORCES		2	
NODE	Z-LVL	FORCE /	NODE
12	-.2200E+01	0.3776000E+00 /	11

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.70460

PROCESSING DISTRIBUTED LOADS CARD NO. 7

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AT Y-COORD 0.000 Z-COORD -2.400 PRESSURE 4.222  
 Z-COORD -2.200 PRESSURE 3.776  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 13 -.2400E+01 0.4222000E+00 / 12 -.2200E+01 0.3776000E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.79980

PROCESSING DISTRIBUTED LOADS CARD NO. 8  
 AT Y-COORD 0.000 Z-COORD -2.600 PRESSURE 4.625  
 Z-COORD -2.400 PRESSURE 4.222  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 14 -.2600E+01 0.4625000E+00 / 13 -.2400E+01 0.4222000E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.88470

PROCESSING DISTRIBUTED LOADS CARD NO. 9  
 AT Y-COORD 0.000 Z-COORD -2.800 PRESSURE 4.995  
 Z-COORD -2.600 PRESSURE 4.625  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 15 -.2800E+01 0.4995000E+00 / 14 -.2600E+01 0.4625000E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.96200

PROCESSING DISTRIBUTED LOADS CARD NO. 10  
 AT Y-COORD 0.000 Z-COORD -3.000 PRESSURE 5.340  
 Z-COORD -2.800 PRESSURE 4.995  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 16 -.3000E+01 0.5340000E+00 / 15 -.2800E+01 0.4995000E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0335

PROCESSING DISTRIBUTED LOADS CARD NO. 11  
 AT Y-COORD 0.000 Z-COORD -3.200 PRESSURE 5.664  
 Z-COORD -3.000 PRESSURE 5.340  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 16 -.3000E+01 0.1100400E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1004

PROCESSING DISTRIBUTED LOADS CARD NO. 12  
 AT Y-COORD 0.000 Z-COORD -3.400 PRESSURE 5.970  
 Z-COORD -3.200 PRESSURE 5.664  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 17 -.3200E+01 0.1163400E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1634

PROCESSING DISTRIBUTED LOADS CARD NO. 13  
 AT Y-COORD 0.000 Z-COORD -3.600 PRESSURE 6.262  
 Z-COORD -3.400 PRESSURE 5.970  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /



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18 -.3400E+01 0.1223200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2232

PROCESSING DISTRIBUTED LOADS CARD NO. 14  
AT Y-COORD 0.000 Z-COORD -3.800 PRESSURE 6.540  
Z-COORD -3.600 PRESSURE 6.262  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

19 -.3600E+01 0.1280200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2802

PROCESSING DISTRIBUTED LOADS CARD NO. 15  
AT Y-COORD 0.000 Z-COORD -4.000 PRESSURE 6.807  
Z-COORD -3.800 PRESSURE 6.540  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

21 -.4000E+01 0.6806966E+00 / 20 -.3800E+01 0.6540001E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3347

PROCESSING DISTRIBUTED LOADS CARD NO. 16  
AT Y-COORD 0.000 Z-COORD -4.200 PRESSURE 7.064  
Z-COORD -4.000 PRESSURE 6.807  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

22 -.4200E+01 0.7064000E+00 / 21 -.4000E+01 0.6807000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3871

PROCESSING DISTRIBUTED LOADS CARD NO. 17  
AT Y-COORD 0.000 Z-COORD -4.400 PRESSURE 7.312  
Z-COORD -4.200 PRESSURE 7.064  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

23 -.4400E+01 0.7312000E+00 / 22 -.4200E+01 0.7064000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4376

PROCESSING DISTRIBUTED LOADS CARD NO. 18  
AT Y-COORD 0.000 Z-COORD -4.600 PRESSURE 7.552  
Z-COORD -4.400 PRESSURE 7.312  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

24 -.4600E+01 0.7552000E+00 / 23 -.4400E+01 0.7312000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4864

PROCESSING DISTRIBUTED LOADS CARD NO. 19  
AT Y-COORD 0.000 Z-COORD -4.800 PRESSURE 7.784  
Z-COORD -4.600 PRESSURE 7.552  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

25 -.4800E+01 0.7784000E+00 / 24 -.4600E+01 0.7552000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5336

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PROCESSING DISTRIBUTED LOADS CARD NO. 20  
 AT Y-COORD 0.000 Z-COORD -5.000 PRESSURE 8.010  
 Z-COORD -4.800 PRESSURE 7.784  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 26 -.5000E+01 0.8010000E+00 / 25 -.4800E+01 0.7784000E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5794

PROCESSING DISTRIBUTED LOADS CARD NO. 21  
 AT Y-COORD 0.000 Z-COORD -5.200 PRESSURE 8.229  
 Z-COORD -5.000 PRESSURE 8.010  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 27 -.5200E+01 0.8228999E+00 / 26 -.5000E+01 0.8009960E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6239

PROCESSING DISTRIBUTED LOADS CARD NO. 22  
 AT Y-COORD 0.000 Z-COORD -5.400 PRESSURE 8.443  
 Z-COORD -5.200 PRESSURE 8.229  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 28 -.5400E+01 0.1667200E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6672

PROCESSING DISTRIBUTED LOADS CARD NO. 23  
 AT Y-COORD 0.000 Z-COORD -5.600 PRESSURE 8.652  
 Z-COORD -5.400 PRESSURE 8.443  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 29 -.5600E+01 0.1709500E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7095

PROCESSING DISTRIBUTED LOADS CARD NO. 24  
 AT Y-COORD 0.000 Z-COORD -5.800 PRESSURE 8.855  
 Z-COORD -5.600 PRESSURE 8.652  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 30 -.5800E+01 0.1750700E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7507

PROCESSING DISTRIBUTED LOADS CARD NO. 25  
 AT Y-COORD 0.000 Z-COORD -6.000 PRESSURE 9.054  
 Z-COORD -5.800 PRESSURE 8.855  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 31 -.6000E+01 0.1790900E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7909

PROCESSING DISTRIBUTED LOADS CARD NO. 26  
 AT Y-COORD 0.000 Z-COORD -6.200 PRESSURE 9.249  
 Z-COORD -6.000 PRESSURE 9.054  
 L.CURVE 3

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NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
32	-.6200E+01	0.1830300E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.8303			
PROCESSING DISTRIBUTED LOADS CARD NO. 27							
AT Y-COORD	0.000	Z-COORD	-6.400	PRESSURE	9.440		
		Z-COORD	-6.200	PRESSURE	9.249		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
33	-.6400E+01	0.1868900E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.8689			
PROCESSING DISTRIBUTED LOADS CARD NO. 28							
AT Y-COORD	0.000	Z-COORD	-6.600	PRESSURE	9.627		
		Z-COORD	-6.400	PRESSURE	9.440		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
34	-.6600E+01	0.1906700E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.9067			
PROCESSING DISTRIBUTED LOADS CARD NO. 29							
AT Y-COORD	0.000	Z-COORD	-6.800	PRESSURE	9.810		
		Z-COORD	-6.600	PRESSURE	9.627		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
35	-.6800E+01	0.1943700E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.9437			
PROCESSING DISTRIBUTED LOADS CARD NO. 30							
AT Y-COORD	0.000	Z-COORD	-7.000	PRESSURE	9.990		
		Z-COORD	-6.800	PRESSURE	9.810		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
36	-.7000E+01	0.1980000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.9800			
PROCESSING DISTRIBUTED LOADS CARD NO. 31							
AT Y-COORD	0.000	Z-COORD	-7.200	PRESSURE	10.17		
		Z-COORD	-7.000	PRESSURE	9.990		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
37	-.7200E+01	0.2016000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.0160			
PROCESSING DISTRIBUTED LOADS CARD NO. 32							
AT Y-COORD	0.000	Z-COORD	-7.400	PRESSURE	10.34		
		Z-COORD	-7.200	PRESSURE	10.17		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
38	-.7400E+01	0.2051000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.0510			

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PROCESSING DISTRIBUTED LOADS CARD NO. 33  
 AT Y-COORD 0.000 Z-COORD -7.600 PRESSURE 10.51  
 Z-COORD -7.400 PRESSURE 10.34  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 39 -.7600E+01 0.2085000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0850

PROCESSING DISTRIBUTED LOADS CARD NO. 34  
 AT Y-COORD 0.000 Z-COORD -7.800 PRESSURE 10.68  
 Z-COORD -7.600 PRESSURE 10.51  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 40 -.7800E+01 0.2119000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1190

PROCESSING DISTRIBUTED LOADS CARD NO. 35  
 AT Y-COORD 0.000 Z-COORD -8.000 PRESSURE 10.85  
 Z-COORD -7.800 PRESSURE 10.68  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 41 -.8000E+01 0.2153000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1530

PROCESSING DISTRIBUTED LOADS CARD NO. 36  
 AT Y-COORD 0.000 Z-COORD -8.200 PRESSURE 11.01  
 Z-COORD -8.000 PRESSURE 10.85  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 42 -.8200E+01 0.2186000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1860

PROCESSING DISTRIBUTED LOADS CARD NO. 37  
 AT Y-COORD 0.000 Z-COORD -8.400 PRESSURE 11.17  
 Z-COORD -8.200 PRESSURE 11.01  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 43 -.8400E+01 0.2218000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2180

PROCESSING DISTRIBUTED LOADS CARD NO. 38  
 AT Y-COORD 0.000 Z-COORD -8.600 PRESSURE 11.33  
 Z-COORD -8.400 PRESSURE 11.17  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 44 -.8600E+01 0.2250000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2500

PROCESSING DISTRIBUTED LOADS CARD NO. 39  
 AT Y-COORD 0.000 Z-COORD -8.800 PRESSURE 11.48  
 Z-COORD -8.600 PRESSURE 11.33

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
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45 -.8800E+01 0.2281000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2810

PROCESSING DISTRIBUTED LOADS CARD NO. 40

AT Y-COORD 0.000 Z-COORD -9.000 PRESSURE 11.64

Z-COORD -8.800 PRESSURE 11.48

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
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46 -.9000E+01 0.2312000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3120

PROCESSING DISTRIBUTED LOADS CARD NO. 41

AT Y-COORD 0.000 Z-COORD -9.200 PRESSURE 11.79

Z-COORD -9.000 PRESSURE 11.64

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
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47 -.9200E+01 0.2343000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3430

PROCESSING DISTRIBUTED LOADS CARD NO. 42

AT Y-COORD 0.000 Z-COORD -9.400 PRESSURE 11.94

Z-COORD -9.200 PRESSURE 11.79

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
------	-------	--------------	-------	--------------	-------	---------

48 -.9400E+01 0.2373000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.3730

PROCESSING DISTRIBUTED LOADS CARD NO. 43

AT Y-COORD 0.000 Z-COORD -9.600 PRESSURE 12.09

Z-COORD -9.400 PRESSURE 11.94

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
------	-------	--------------	-------	--------------	-------	---------

49 -.9600E+01 0.2403000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4030

PROCESSING DISTRIBUTED LOADS CARD NO. 44

AT Y-COORD 0.000 Z-COORD -9.800 PRESSURE 12.24

Z-COORD -9.600 PRESSURE 12.09

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
------	-------	--------------	-------	--------------	-------	---------

50 -.9800E+01 0.2433000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4330

PROCESSING DISTRIBUTED LOADS CARD NO. 45

AT Y-COORD 0.000 Z-COORD -10.00 PRESSURE 12.38

Z-COORD -9.800 PRESSURE 12.24

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
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51 -.1000E+02 0.2462000E+01 /

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4620

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 46  
 AT Y-COORD 0.000 Z-COORD -10.00 PRESSURE 12.38  
 Z-COORD -10.00 PRESSURE 12.38  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 51 -.1000E+02 0.246200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4620

PROCESSING DISTRIBUTED LOADS CARD NO. 47  
 AT Y-COORD 0.000 Z-COORD -3.100 PRESSURE 1.715  
 Z-COORD -2.900 PRESSURE 0.000  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 16 -.3000E+01 0.171500E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.17150

PROCESSING DISTRIBUTED LOADS CARD NO. 48  
 AT Y-COORD 0.000 Z-COORD -3.300 PRESSURE 2.426  
 Z-COORD -3.100 PRESSURE 1.715  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 17 -.3200E+01 0.414100E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.41410

PROCESSING DISTRIBUTED LOADS CARD NO. 49  
 AT Y-COORD 0.000 Z-COORD -3.500 PRESSURE 2.971  
 Z-COORD -3.300 PRESSURE 2.426  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 18 -.3400E+01 0.539700E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.53970

PROCESSING DISTRIBUTED LOADS CARD NO. 50  
 AT Y-COORD 0.000 Z-COORD -3.700 PRESSURE 3.431  
 Z-COORD -3.500 PRESSURE 2.971  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 19 -.3600E+01 0.640200E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.64020

PROCESSING DISTRIBUTED LOADS CARD NO. 51  
 AT Y-COORD 0.000 Z-COORD -3.900 PRESSURE 3.836  
 Z-COORD -3.700 PRESSURE 3.431  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 20 -.3800E+01 0.726700E+00 /

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.72670

PROCESSING DISTRIBUTED LOADS CARD NO. 52  
AT Y-COORD 0.000 Z-COORD -4.100 PRESSURE 4.202  
Z-COORD -3.900 PRESSURE 3.836  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
21	-.4000E+01	0.8038000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.80380

PROCESSING DISTRIBUTED LOADS CARD NO. 53  
AT Y-COORD 0.000 Z-COORD -4.300 PRESSURE 4.539  
Z-COORD -4.100 PRESSURE 4.202  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
22	-.4200E+01	0.8741000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.87410

PROCESSING DISTRIBUTED LOADS CARD NO. 54  
AT Y-COORD 0.000 Z-COORD -4.500 PRESSURE 4.852  
Z-COORD -4.300 PRESSURE 4.539  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
23	-.4400E+01	0.9391000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.93910

PROCESSING DISTRIBUTED LOADS CARD NO. 55  
AT Y-COORD 0.000 Z-COORD -4.700 PRESSURE 5.146  
Z-COORD -4.500 PRESSURE 4.852  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
24	-.4600E+01	0.9998000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.99980

PROCESSING DISTRIBUTED LOADS CARD NO. 56  
AT Y-COORD 0.000 Z-COORD -4.900 PRESSURE 5.425  
Z-COORD -4.700 PRESSURE 5.146  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
25	-.4800E+01	0.1057100E+01	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0571

PROCESSING DISTRIBUTED LOADS CARD NO. 57  
AT Y-COORD 0.000 Z-COORD -5.100 PRESSURE 5.689  
Z-COORD -4.900 PRESSURE 5.425  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
26	-.5000E+01	0.1111400E+01	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1114

PROCESSING DISTRIBUTED LOADS CARD NO. 58  
AT Y-COORD 0.000 Z-COORD -5.300 PRESSURE 5.942

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L.CURVE 3 Z-COORD -5.100 PRESSURE 5.689

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

27 -.5200E+01 0.1163100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1631

PROCESSING DISTRIBUTED LOADS CARD NO. 59  
 AT Y-COORD 0.000 Z-COORD -5.500 PRESSURE 6.185  
 Z-COORD -5.300 PRESSURE 5.942

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

28 -.5400E+01 0.1212700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2127

PROCESSING DISTRIBUTED LOADS CARD NO. 60  
 AT Y-COORD 0.000 Z-COORD -5.700 PRESSURE 6.419  
 Z-COORD -5.500 PRESSURE 6.185

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

29 -.5600E+01 0.1260400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2604

PROCESSING DISTRIBUTED LOADS CARD NO. 61  
 AT Y-COORD 0.000 Z-COORD -5.900 PRESSURE 6.644  
 Z-COORD -5.700 PRESSURE 6.419

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

30 -.5800E+01 0.1306300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3063

PROCESSING DISTRIBUTED LOADS CARD NO. 62  
 AT Y-COORD 0.000 Z-COORD -6.100 PRESSURE 6.862  
 Z-COORD -5.900 PRESSURE 6.644

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

31 -.6000E+01 0.1350600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3506

PROCESSING DISTRIBUTED LOADS CARD NO. 63  
 AT Y-COORD 0.000 Z-COORD -6.300 PRESSURE 7.073  
 Z-COORD -6.100 PRESSURE 6.862

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

32 -.6200E+01 0.1393500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3935

PROCESSING DISTRIBUTED LOADS CARD NO. 64  
 AT Y-COORD 0.000 Z-COORD -6.500 PRESSURE 7.278  
 Z-COORD -6.300 PRESSURE 7.073

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /



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33	- .6400E+01	0.1435100E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.4351		
PROCESSING DISTRIBUTED LOADS CARD NO. 65					
AT Y-COORD	0.000	Z-COORD -6.700	PRESSURE	7.477	
		Z-COORD -6.500	PRESSURE	7.278	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL FORCE /
34	- .6600E+01	0.1475500E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.4755		
PROCESSING DISTRIBUTED LOADS CARD NO. 66					
AT Y-COORD	0.000	Z-COORD -6.900	PRESSURE	7.672	
		Z-COORD -6.700	PRESSURE	7.477	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL FORCE /
35	- .6800E+01	0.1514900E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.5149		
PROCESSING DISTRIBUTED LOADS CARD NO. 67					
AT Y-COORD	0.000	Z-COORD -7.100	PRESSURE	7.861	
		Z-COORD -6.900	PRESSURE	7.672	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL FORCE /
36	- .7000E+01	0.1553300E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.5533		
PROCESSING DISTRIBUTED LOADS CARD NO. 68					
AT Y-COORD	0.000	Z-COORD -7.300	PRESSURE	8.046	
		Z-COORD -7.100	PRESSURE	7.861	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL FORCE /
37	- .7200E+01	0.1590700E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.5907		
PROCESSING DISTRIBUTED LOADS CARD NO. 69					
AT Y-COORD	0.000	Z-COORD -7.500	PRESSURE	8.227	
		Z-COORD -7.300	PRESSURE	8.046	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL FORCE /
38	- .7400E+01	0.1627300E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.6273		
PROCESSING DISTRIBUTED LOADS CARD NO. 70					
AT Y-COORD	0.000	Z-COORD -7.700	PRESSURE	8.404	
		Z-COORD -7.500	PRESSURE	8.227	
L.CURVE	3				
NO. OF GENERATED NODAL FORCES 1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL FORCE /
39	- .7600E+01	0.1663100E+01 /			
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.6631		

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PROCESSING DISTRIBUTED LOADS CARD NO. 71  
 AT Y-COORD 0.000 Z-COORD -7.900 PRESSURE 8.577  
 Z-COORD -7.700 PRESSURE 8.404

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 40 -.7800E+01 0.1698100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6981

PROCESSING DISTRIBUTED LOADS CARD NO. 72  
 AT Y-COORD 0.000 Z-COORD -8.100 PRESSURE 8.747  
 Z-COORD -7.900 PRESSURE 8.577

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 41 -.8000E+01 0.1732400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7324

PROCESSING DISTRIBUTED LOADS CARD NO. 73  
 AT Y-COORD 0.000 Z-COORD -8.300 PRESSURE 8.914  
 Z-COORD -8.100 PRESSURE 8.747

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 42 -.8200E+01 0.1766100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7661

PROCESSING DISTRIBUTED LOADS CARD NO. 74  
 AT Y-COORD 0.000 Z-COORD -8.500 PRESSURE 9.077  
 Z-COORD -8.300 PRESSURE 8.914

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 43 -.8400E+01 0.1799100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7991

PROCESSING DISTRIBUTED LOADS CARD NO. 75  
 AT Y-COORD 0.000 Z-COORD -8.700 PRESSURE 9.238  
 Z-COORD -8.500 PRESSURE 9.077

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 44 -.8600E+01 0.1831500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8315

PROCESSING DISTRIBUTED LOADS CARD NO. 76  
 AT Y-COORD 0.000 Z-COORD -8.900 PRESSURE 9.396  
 Z-COORD -8.700 PRESSURE 9.238

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 45 -.8800E+01 0.1863400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8634

PROCESSING DISTRIBUTED LOADS CARD NO. 77  
 AT Y-COORD 0.000 Z-COORD -9.100 PRESSURE 9.551  
 Z-COORD -8.900 PRESSURE 9.396

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

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NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
46	-.9000E+01	0.1894700E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.8947			
PROCESSING DISTRIBUTED LOADS CARD NO. 78								
AT Y-COORD	0.000	Z-COORD -9.300	PRESSURE	9.704				
		Z-COORD -9.100	PRESSURE	9.551				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
47	-.9200E+01	0.1925500E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.9255			
PROCESSING DISTRIBUTED LOADS CARD NO. 79								
AT Y-COORD	0.000	Z-COORD -9.500	PRESSURE	9.854				
		Z-COORD -9.300	PRESSURE	9.704				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
48	-.9400E+01	0.1955800E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.9558			
PROCESSING DISTRIBUTED LOADS CARD NO. 80								
AT Y-COORD	0.000	Z-COORD -9.700	PRESSURE	10.00				
		Z-COORD -9.500	PRESSURE	9.854				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
49	-.9600E+01	0.1985400E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.9854			
PROCESSING DISTRIBUTED LOADS CARD NO. 81								
AT Y-COORD	0.000	Z-COORD -9.900	PRESSURE	10.15				
		Z-COORD -9.700	PRESSURE	10.00				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
50	-.9800E+01	0.2015000E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					2.0150			
PROCESSING DISTRIBUTED LOADS CARD NO. 82								
AT Y-COORD	0.000	Z-COORD -10.00	PRESSURE	10.22				
		Z-COORD -9.900	PRESSURE	10.15				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
51	-.1000E+02	0.1018500E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.0185			
NO. OF DISTRIBUTED LOAD CARDS 82								

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Exe Time : 8 June 2018 11:40:46

L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 126.95430  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:40:46

LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.43300 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.50300 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 2.8710 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 2.6610 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.43300 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.50300 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 2.8710 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 2.6610 WALL NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.24400 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.27900 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 7.2110 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 6.9350 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.24400 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.27900 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 7.2110 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 6.9350 WALL NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)



GENERAL CONTRACTOR

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ITEM NO.	10	U-KA	>= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	>= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	>= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	>= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	>= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	>= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	>= 0.24400	WALL NO.	1
ITEM NO.	46	U-KAEW	>= 0.27900	WALL NO.	1
ITEM NO.	47	U-KPED	>= 7.2110	WALL NO.	1
ITEM NO.	48	U-KPEW	>= 6.9420	WALL NO.	1
ITEM NO.	52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	>= 20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	>= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	>= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	>= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	>= 0.24400	WALL NO.	1
ITEM NO.	96	D-KAEW	>= 0.27900	WALL NO.	1
ITEM NO.	97	D-KPED	>= 7.2110	WALL NO.	1
ITEM NO.	98	D-KPEW	>= 6.9420	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 9 VALUES

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Exe Time : 8 June 2018 11:40:46
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PHASE DESCRIPTORS

STEP NO. 1

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	0.000	0.000
Z-WATER_TABLE	-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 1

STEP NO. 2

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-2.420	0.000
Z-WATER_TABLE	-1.400	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 2

STEP NO. 3



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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-2.420	0.000
Z-WATER_TABLE	-1.400	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.7460E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	26.57	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000

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NewProject.BaseDesignSection\_28.Nominal\_63

Exe Time : 8 June 2018 11:40:46

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000



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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000



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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 8.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.7600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.1200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.2000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.5600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.800000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.200000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.600000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000



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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000



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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 38.6400000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 42.0000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 45.3600000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 48.7200000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.600000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.400000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.800000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.200000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.600000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000



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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 5258

NO. OF D.P.W FOR THIS AREA 6023  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.3158E-27 REMNOR= 0.000 RATIO =0.7121E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.7121E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.1191E-28 REMNOR=0.2834E-53 RATIO =0.1383E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.1383E-16 RATIOR= 0.000  
MAX UN=0.1767E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.4362E-15 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.6385E-29 REMNOR=0.4958E-53 RATIO =0.1013E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.1013E-16 RATIOR= 0.000  
MAX UN=0.1141E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.2735E-15 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:40:46

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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33 D	28.13	-1.8788E-20	75.08 81.63 75.08	81.63	V-C 5.6090E+04 -6.400 59.00 1.000 1.000
140.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.86	-1.8631E-20	77.52 83.30 77.52	83.30	V-C 5.6090E+04 -6.600 61.00 1.000 1.000
144.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.59	-1.7957E-20	79.96 84.97 79.96	84.97	V-C 5.6090E+04 -6.800 63.00 1.000 1.000
148.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.33	-1.6678E-20	82.40 86.63 82.40	86.63	V-C 5.6090E+04 -7.000 65.00 1.000 1.000
151.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.06	-1.4707E-20	84.84 88.28 84.84	88.28	V-C 5.6090E+04 -7.200 67.00 1.000 1.000
155.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.79	-1.1953E-20	87.28 89.93 87.28	89.93	V-C 5.6090E+04 -7.400 69.00 1.000 1.000
158.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.52	-8.3230E-21	89.72 91.58 89.72	91.58	V-C 5.6090E+04 -7.600 71.00 1.000 1.000
162.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.25	-3.7418E-21	92.16 93.23 92.16	93.23	V-C 5.6090E+04 -7.800 73.00 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	33.97	1.8075E-21	94.60 94.87 94.60	94.87	V-C 5.6090E+04 -8.000 75.00 1.000 1.000
169.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.70	8.3249E-21	97.04 96.51 97.04	96.51	V-C 5.6090E+04 -8.200 77.00 1.000 1.000
173.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.43	1.5808E-20	99.48 98.15 99.48	98.15	V-C 5.6090E+04 -8.400 79.00 1.000 1.000
177.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.16	2.4235E-20	101.9 99.79 101.9	99.79	V-C 5.6090E+04 -8.600 81.00 1.000 1.000
180.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	36.89	3.3505E-20	104.4 101.4 104.4	101.4	V-C 5.6090E+04 -8.800 83.00 1.000 1.000
184.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.61	4.3438E-20	106.8 103.1 106.8	103.1	V-C 5.6090E+04 -9.000 85.00 1.000 1.000
188.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.34	5.3828E-20	109.2 104.7 109.2	104.7	V-C 5.6090E+04 -9.200 87.00 1.000 1.000
191.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.07	6.4478E-20	111.7 106.3 111.7	106.3	V-C 5.6090E+04 -9.400 89.00 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	39.79	7.5256E-20	114.1 108.0 114.1	108.0	V-C 5.6090E+04 -9.600 91.00 1.000 1.000
199.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	40.52	8.6090E-20	116.6 109.6 116.6	109.6	V-C 5.6090E+04 -9.800 93.00 1.000 1.000
202.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.62	9.6930E-20	119.0 111.2 119.0	111.2	V-C 5.6090E+04 -10.00 95.00 1.000 1.000
206.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-1.88196E-17	1.88196E-17	2.20881E-29	3.76391E-18	
2 1.69208E-16	1.69208E-16	3.76391E-18	3.00777E-17	
3-3.05274E-16	3.05274E-16	3.00777E-17	3.09770E-17	
4-3.32034E-16	3.32034E-16	3.09770E-17	9.73839E-17	
5-3.55148E-16	3.55148E-16	9.73839E-17	1.68413E-16	
6-3.74589E-16	3.74589E-16	1.68413E-16	2.43331E-16	
7-3.90321E-16	3.90321E-16	2.43331E-16	3.21395E-16	
8-4.02293E-16	4.02293E-16	3.21395E-16	4.01854E-16	
9-4.28188E-16	4.28188E-16	4.01854E-16	4.87491E-16	
10-4.41679E-16	4.41679E-16	4.87491E-16	5.75827E-16	
11-4.42470E-16	4.42470E-16	5.75827E-16	6.64321E-16	
12-4.30225E-16	4.30225E-16	6.64321E-16	7.50366E-16	
13-4.04578E-16	4.04578E-16	7.50366E-16	8.31282E-16	
14-3.65147E-16	3.65147E-16	8.31282E-16	9.04311E-16	
15-3.11550E-16	3.11550E-16	9.04311E-16	9.66621E-16	
16-2.43432E-16	2.43432E-16	9.66621E-16	1.01531E-15	
17-1.60485E-16	1.60485E-16	1.01531E-15	1.04740E-15	
18-6.24845E-17	6.24845E-17	1.04740E-15	1.05990E-15	
19 5.06816E-17	5.06816E-17	1.05990E-15	1.04977E-15	
20 1.78977E-16	1.78977E-16	1.04977E-15	1.01397E-15	
21 3.22176E-16	3.22176E-16	1.01397E-15	9.49535E-16	
22 4.79829E-16	4.79829E-16	9.49535E-16	8.53569E-16	
23 6.51216E-16	6.51216E-16	8.53569E-16	7.23326E-16	
24 8.35311E-16	8.35311E-16	7.23326E-16	5.56264E-16	
25 1.03074E-15	1.03074E-15	5.56264E-16	3.50116E-16	
26 1.28699E-15	1.28699E-15	3.50116E-16	9.27185E-17	
27 5.10521E-15	5.10521E-15	9.27185E-17	9.28323E-16	
28 5.37667E-15	5.37667E-15	9.28323E-16	2.00366E-15	
29 5.65020E-15	5.65020E-15	2.00366E-15	3.13370E-15	
30 5.92130E-15	5.92130E-15	3.13370E-15	4.31796E-15	
31 6.18483E-15	6.18483E-15	4.31796E-15	5.55492E-15	
32 6.43505E-15	6.43505E-15	5.55492E-15	6.84193E-15	
33 6.66565E-15	6.66565E-15	6.84193E-15	8.17506E-15	
34 6.86979E-15	6.86979E-15	8.17506E-15	9.54902E-15	
35 7.04017E-15	7.04017E-15	9.54902E-15	1.09570E-14	
36 7.16914E-15	7.16914E-15	1.09570E-14	1.23909E-14	
37 7.24883E-15	7.24883E-15	1.23909E-14	1.38406E-14	
38 7.27124E-15	7.27124E-15	1.38406E-14	1.52949E-14	
39 1.22961E-16	1.22961E-16	1.52949E-14	1.53195E-14	
40 7.07101E-18	7.07101E-18	1.53195E-14	1.53209E-14	
41-1.89303E-16	1.89303E-16	1.53209E-14	1.52830E-14	
42-4.73115E-16	4.73115E-16	1.52830E-14	1.51884E-14	
43-7.95611E-15	7.95611E-15	1.51884E-14	1.35972E-14	
44-1.55384E-14	1.55384E-14	1.35972E-14	1.04895E-14	
45-1.61194E-14	1.61194E-14	1.04895E-14	7.26563E-15	
46-1.68083E-14	1.68083E-14	7.26563E-15	3.90398E-15	
47-1.05025E-14	1.05025E-14	3.90398E-15	1.80349E-15	
48-4.30951E-15	4.30951E-15	1.80349E-15	9.41584E-16	
49-5.33606E-15	5.33606E-15	9.41584E-16	1.25623E-16	
50 6.28097E-16	6.28097E-16	1.25623E-16	6.05845E-28	

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6532E+05 RIMNOR=0.4562E-26  
RENORM= 1261. REMNOR=0.4958E-53 RATIO =0.1389 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 43.14 RMMAX =0.1532E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.6532E+05 RDR =0.1000E-18  
RATIOT=0.1389 RATIO= 0.000  
MAX UN= 12.18 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
MIN UN=-9.089 IEQ= 29 NODE 15 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6532E+05 RIMNOR=0.4562E-26  
RENORM=0.7933 REMNOR=0.1635E-20 RATIO =0.3485E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 43.14 RMMAX =0.1532E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18

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RDT =0.6532E+05 RDR =0.1000E-18  
RATIOT=0.3485E-02 RATIO= 0.000  
MAX UN=0.8521 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.2450 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6532E+05 RIMNOR=0.4562E-26  
RENORM=0.2945E-04 REMNOR=0.1211E-21 RATIO =0.2123E-04 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 43.14 RMMAX =0.1532E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.6532E+05 RDR =0.1000E-18  
RATIOT=0.2123E-04 RATIO= 0.000  
MAX UN=0.8090E-10 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
MIN UN=-.3511E-02 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time : 8 June 2018 11:40:46

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	8.3722257E-04	-2.6153368E-04	
2	7.8491583E-04	-2.6153368E-04	
3	7.3260910E-04	-2.6153368E-04	
4	6.8030316E-04	-2.6152176E-04	
5	6.2800517E-04	-2.6143816E-04	
6	5.7574119E-04	-2.6115504E-04	
7	5.2356907E-04	-2.6048322E-04	
8	4.7159014E-04	-2.5917792E-04	
9	4.1995985E-04	-2.5694336E-04	
10	3.6888710E-04	-2.5359414E-04	
11	3.1860385E-04	-2.4902010E-04	
12	2.6937591E-04	-2.4299337E-04	
13	2.2152618E-04	-2.3517148E-04	
14	1.7545726E-04	-2.2510042E-04	
15	1.3163841E-04	-2.1274338E-04	
16	9.0473476E-05	-1.9868286E-04	
17	5.2235569E-05	-1.8356497E-04	
18	1.7084236E-05	-1.6789295E-04	
19	-1.4911061E-05	-1.5206267E-04	
20	-4.3751078E-05	-1.3638607E-04	
21	-6.9492138E-05	-1.2111109E-04	
22	-9.2235300E-05	-1.0643485E-04	
23	-1.1211633E-04	-9.2512388E-05	
24	-1.2929847E-04	-7.9463193E-05	
25	-1.4396582E-04	-6.7377107E-05	
26	-1.5631787E-04	-5.6319287E-05	
27	-1.6656363E-04	-4.6313759E-05	
28	-1.7491246E-04	-3.7345423E-05	
29	-1.8156887E-04	-2.9383175E-05	
30	-1.8672988E-04	-2.2383120E-05	
31	-1.9058269E-04	-1.6291603E-05	
32	-1.9330302E-04	-1.1047818E-05	
33	-1.9505393E-04	-6.5859417E-06	
34	-1.9598494E-04	-2.8372199E-06	
35	-1.9623169E-04	2.6850190E-07	
36	-1.9591574E-04	2.8013525E-06	
37	-1.9514475E-04	4.8302508E-06	
38	-1.9401278E-04	6.4219617E-06	
39	-1.9260086E-04	7.6402230E-06	
40	-1.9097759E-04	8.5451211E-06	
41	-1.8919998E-04	9.1925384E-06	
42	-1.8731432E-04	9.6337162E-06	
43	-1.8535716E-04	9.9149073E-06	
44	-1.8335629E-04	1.0077098E-05	
45	-1.8133189E-04	1.0155791E-05	
46	-1.7929756E-04	1.0180826E-05	
47	-1.7726154E-04	1.0176246E-05	
48	-1.7522783E-04	1.0160174E-05	
49	-1.7319743E-04	1.0144717E-05	
50	-1.7116951E-04	1.0135880E-05	
51	-1.6914260E-04	1.0133483E-05	



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NewProject.BaseDesignSection\_28.Nominal\_63
Exe Time : 8 June 2018 11:40:46

New Project

STRESS RESULTS FOR GROUP NO. 1

0\_L
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 51
CURRENT TIME IS 2.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

Table with 12 columns: EL \* Peq, FORCE Su\_a, DISPL-Y Su\_p, VERTICAL-P LAYER, HORIZON.-P, MAX-V-P, MAX-H-P, STATE, STIFFNESS, Z-LEVEL, PORE, E FACTOR, UFACTOR. Rows include data for various soil elements and layers.





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33 D	27.98	-1.9505E-04	48.53 101.5 75.08	112.9	UL-RL 5.8099E+04 -6.400 38.36 1.000 1.000
139.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.70	-1.9598E-04	50.78 102.9 77.52	114.3	UL-RL 5.8099E+04 -6.600 40.56 1.000 1.000
143.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.44	-1.9623E-04	53.02 104.4 79.96	115.8	UL-RL 5.8099E+04 -6.800 42.75 1.000 1.000
147.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.18	-1.9592E-04	55.27 106.0 82.40	117.4	UL-RL 5.8099E+04 -7.000 44.94 1.000 1.000
150.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	30.94	-1.9514E-04	57.52 107.6 84.84	118.9	UL-RL 5.8099E+04 -7.200 47.13 1.000 1.000
154.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.70	-1.9401E-04	59.77 109.2 87.28	120.5	UL-RL 5.8099E+04 -7.400 49.32 1.000 1.000
158.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.47	-1.9260E-04	62.02 110.9 89.72	122.0	UL-RL 5.8099E+04 -7.600 51.52 1.000 1.000
162.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.25	-1.9098E-04	64.26 112.5 92.16	123.6	UL-RL 5.8099E+04 -7.800 53.71 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	34.03	-1.8920E-04	66.51 114.2 94.60	125.2	UL-RL 5.8099E+04 -8.000 55.90 1.000 1.000
170.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.81	-1.8731E-04	68.76 116.0 97.04	126.8	UL-RL 5.8099E+04 -8.200 58.09 1.000 1.000
174.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.60	-1.8536E-04	71.01 117.7 99.48	128.5	UL-RL 5.8099E+04 -8.400 60.29 1.000 1.000
178.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.39	-1.8336E-04	73.25 119.4 101.9	130.1	UL-RL 5.8099E+04 -8.600 62.48 1.000 1.000
181.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.18	-1.8133E-04	75.50 121.2 104.4	131.7	UL-RL 5.8099E+04 -8.800 64.67 1.000 1.000
185.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.97	-1.7930E-04	77.75 123.0 106.8	133.4	UL-RL 5.8099E+04 -9.000 66.86 1.000 1.000
189.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.76	-1.7726E-04	80.00 124.7 109.2	135.0	UL-RL 5.8099E+04 -9.200 69.05 1.000 1.000
193.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.56	-1.7523E-04	82.25 126.5 111.7	136.7	UL-RL 5.8099E+04 -9.400 71.25 1.000 1.000
197.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.35	-1.7320E-04	84.49 128.3 114.1	138.4	UL-RL 5.8099E+04 -9.600 73.44 1.000 1.000
201.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.15	-1.7117E-04	86.74 130.1 116.6	140.1	UL-RL 5.8099E+04 -9.800 75.63 1.000 1.000
205.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.97	-1.6914E-04	88.99 131.9 119.0	141.7	UL-RL 5.8099E+04 -10.00 77.82 1.000 1.000
209.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	3.03544E-11	-3.03544E-11	3.04112E-12	1.01750E-11
2	1.86449E-11	-1.86449E-11	-5.87618E-12	-9.02386E-12
3	0.37717	-0.37717	1.09068E-11	7.54336E-02
4	1.8907	-1.8907	-7.54336E-02	0.45357
5	4.4227	-4.4227	-0.45357	1.3381
6	7.8755	-7.8755	-1.3381	2.9132
7	12.168	-12.168	-2.9132	5.3468
8	17.234	-17.234	-5.3468	8.7937
9	18.034	-18.034	-8.7937	12.400
10	20.720	-20.720	-12.400	16.544
11	25.244	-25.244	-16.544	21.593
12	31.556	-31.556	-21.593	27.904
13	39.608	-39.608	-27.904	35.826
14	32.721	-32.721	-35.826	42.370
15	21.177	-21.177	-42.370	46.606
16	12.276	-12.276	-46.606	49.061
17	5.2595	-5.2595	-49.061	50.113
18	-0.25218	0.25218	-50.113	50.062
19	-4.6101	4.6101	-50.062	49.140
20	-8.0951	8.0951	-49.140	47.521
21	-10.852	10.852	-47.521	45.351
22	-12.998	12.998	-45.351	42.751
23	-14.633	14.633	-42.751	39.825
24	-15.840	15.840	-39.825	36.657
25	-16.694	16.694	-36.657	33.318
26	-16.599	16.599	-33.318	29.998
27	-16.220	16.220	-29.998	26.754
28	-15.613	15.613	-26.754	23.632
29	-14.831	14.831	-23.632	20.665
30	-13.916	13.916	-20.665	17.882
31	-12.906	12.906	-17.882	15.301
32	-11.835	11.835	-15.301	12.934
33	-10.730	10.730	-12.934	10.788
34	-9.6150	9.6150	-10.788	8.8651
35	-8.5108	8.5108	-8.8651	7.1629
36	-7.4341	7.4341	-7.1629	5.6761
37	-6.3990	6.3990	-5.6761	4.3963
38	-5.4171	5.4171	-4.3963	3.3129
39	-4.4978	4.4978	-3.3129	2.4133
40	-3.6489	3.6489	-2.4133	1.6836
41	-2.8765	2.8765	-1.6836	1.1082
42	-2.1855	2.1855	-1.1082	0.67115
43	-1.5797	1.5797	-0.67115	0.35521
44	-1.0622	1.0622	-0.35521	0.14276
45	-0.63551	0.63551	-0.14276	1.56638E-02
46	-0.30156	0.30156	-1.56638E-02	4.46479E-02
47	-6.20574E-02	6.20574E-02	4.46479E-02	-5.70594E-02
48	8.15393E-02	-8.15393E-02	5.70594E-02	-4.07515E-02
49	0.12791	-0.12791	4.07515E-02	-1.51687E-02
50	7.58417E-02	-7.58417E-02	1.51687E-02	1.09956E-12

ITER 0 RNORM = 421.6 RMNORM= 0.000  
RINORM=0.8221E+05 RIMNOR=0.6141E+05  
RENORM= 424.5 REMNOR=0.1211E-21 RATIO =0.7186E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 41.15 RMMAX = 50.11  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.8221E+05 RDR =0.6141E+05  
RATIOT=0.7186E-01 RATIOR= 0.000  
MAX UN= 5.940 IEQ= 101 NODE 51 DOF 1 Y-DISPL.F  
MIN UN=-.4299E-11 IEQ= 4 NODE 2 DOF 2 X-ROT.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 421.6 RMNORM= 0.000  
RINORM=0.8221E+05 RIMNOR=0.6141E+05  
RENORM= 1.229 REMNOR=0.3013E-21 RATIO =0.3867E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 41.15 RMMAX = 50.11  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03

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RDT =0.8221E+05 RDR =0.6141E+05
RATIOT=0.3867E-02 RATIO= 0.000
MAX UN= 1.043 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F
MIN UN=-.1410E-09 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
```

```
ITER 3 RNORM = 421.6 RMNORM= 0.000
RINORM=0.8221E+05 RIMNOR=0.6141E+05
RENORM=0.1897E-19 REMNOR=0.1258E-21 RATIO =0.4803E-12 TOLER =0.1000E-03 CONVERGED !
RFMAX = 41.15 RMMAX = 50.11
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT =0.8221E+05 RDR =0.6141E+05
RATIOT=0.4803E-12 RATIO= 0.000
MAX UN=0.6125E-10 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F
MIN UN=-.6118E-10 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
```

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

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New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	9.3997832E-04	-2.7150838E-04	
2	8.8567711E-04	-2.7150146E-04	
3	8.3137959E-04	-2.7146685E-04	
4	7.7709423E-04	-2.7137433E-04	
5	7.2283831E-04	-2.7115496E-04	
6	6.6864986E-04	-2.7067135E-04	
7	6.1460066E-04	-2.6972447E-04	
8	5.6080796E-04	-2.6805924E-04	
9	5.0744528E-04	-2.6536928E-04	
10	4.5474212E-04	-2.6145133E-04	
11	4.0295346E-04	-2.5620263E-04	
12	3.5236264E-04	-2.4943038E-04	
13	3.0330395E-04	-2.4081853E-04	
14	2.5618646E-04	-2.2993817E-04	
15	2.1148118E-04	-2.1677023E-04	
16	1.6959226E-04	-2.0189391E-04	
17	1.3079480E-04	-1.8594699E-04	
18	9.5250792E-05	-1.6943719E-04	
19	6.3030715E-05	-1.5276556E-04	
20	3.4134791E-05	-1.3624060E-04	
21	8.5072152E-06	-1.2012643E-04	
22	-1.3957376E-05	-1.0463815E-04	
23	-3.3399818E-05	-8.9926478E-05	
24	-4.9987065E-05	-7.6101272E-05	
25	-6.3904361E-05	-6.3236574E-05	
26	-7.5348651E-05	-5.1376221E-05	
27	-8.4522818E-05	-4.0536067E-05	
28	-9.1632153E-05	-3.0732753E-05	
29	-9.6884906E-05	-2.1964226E-05	
30	-1.0048396E-04	-1.4187462E-05	
31	-1.0262233E-04	-7.3473601E-06	
32	-1.0348108E-04	-1.3798729E-06	
33	-1.0322776E-04	3.7853912E-06	
34	-1.0201546E-04	8.2226070E-06	
35	-9.9982187E-05	1.2007771E-05	
36	-9.7250753E-05	1.5216849E-05	
37	-9.3928915E-05	1.7924175E-05	
38	-9.0109791E-05	2.0201129E-05	
39	-8.5872679E-05	2.2114842E-05	
40	-8.1283946E-05	2.3727171E-05	
41	-7.6398194E-05	2.5093752E-05	
42	-7.1259587E-05	2.6263202E-05	
43	-6.5903331E-05	2.7276379E-05	
44	-6.0357294E-05	2.8165685E-05	
45	-5.4643790E-05	2.8954439E-05	
46	-4.8781337E-05	2.9656336E-05	
47	-4.2786810E-05	3.0274903E-05	
48	-3.6677403E-05	3.0803064E-05	
49	-3.0472822E-05	3.1222667E-05	
50	-2.4197582E-05	3.1504055E-05	
51	-1.7883052E-05	3.1605761E-05	



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33 D 26.94	1.0323E-04	118.2 89.40	118.2	100.1	UL-RL 1.1686E+05 -6.400 45.28	1.000	1.000
134.7 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
34 D 27.62	1.0202E-04	120.9 91.01	120.9	102.0	UL-RL 1.1686E+05 -6.600 47.09	1.000	1.000
138.1 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
35 D 28.29	9.9982E-05	124.4 92.56	124.4	103.8	UL-RL 1.1686E+05 -6.800 48.90	1.000	1.000
141.5 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
36 D 28.95	9.7251E-05	127.4 94.07	127.4	105.6	UL-RL 1.1686E+05 -7.000 50.71	1.000	1.000
144.8 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
37 D 29.61	9.3929E-05	130.5 95.54	130.5	107.4	UL-RL 1.1686E+05 -7.200 52.51	1.000	1.000
148.0 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
38 D 30.26	9.0110E-05	133.5 96.97	133.5	109.1	UL-RL 1.1686E+05 -7.400 54.32	1.000	1.000
151.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
39 D 30.90	8.5873E-05	136.9 98.37	136.9	110.8	UL-RL 1.1686E+05 -7.600 56.13	1.000	1.000
154.5 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
40 D 31.53	8.1284E-05	139.8 99.73	139.8	112.6	UL-RL 1.1686E+05 -7.800 57.94	1.000	1.000
157.7 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
41 D 32.16	7.6398E-05	142.8 101.1	142.8	114.3	UL-RL 1.1686E+05 -8.000 59.74	1.000	1.000
160.8 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
42 D 32.79	7.1260E-05	145.7 102.4	145.7	116.0	UL-RL 1.1686E+05 -8.200 61.55	1.000	1.000
163.9 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
43 D 33.41	6.5903E-05	149.0 103.7	149.0	117.7	UL-RL 1.1686E+05 -8.400 63.36	1.000	1.000
167.1 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
44 D 34.03	6.0357E-05	151.6 105.0	151.6	119.3	UL-RL 1.1686E+05 -8.600 65.17	1.000	1.000
170.1 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
45 D 34.64	5.4644E-05	154.8 106.2	154.8	121.0	UL-RL 1.1686E+05 -8.800 66.98	1.000	1.000
173.2 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
46 D 35.25	4.8781E-05	157.7 107.5	157.7	122.7	UL-RL 1.1686E+05 -9.000 68.78	1.000	1.000
176.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
47 D 35.86	4.2787E-05	160.9 108.7	160.9	124.4	UL-RL 1.1686E+05 -9.200 70.59	1.000	1.000
179.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
48 D 36.46	3.6677E-05	163.4 109.9	163.4	126.1	UL-RL 1.1686E+05 -9.400 72.40	1.000	1.000
182.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
49 D 37.06	3.0473E-05	166.6 111.1	166.6	127.8	UL-RL 1.1686E+05 -9.600 74.21	1.000	1.000
185.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
50 D 37.66	2.4198E-05	169.4 112.3	169.4	129.5	UL-RL 1.1686E+05 -9.800 76.01	1.000	1.000
188.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
51 D 19.13	1.7883E-05	172.2 113.5	172.2	131.2	UL-RL 1.1686E+05 -10.00 77.82	1.000	1.000
191.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					



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33 D	29.04	-1.0323E-04	48.53 106.9 75.08	112.9	UL-RL 5.8099E+04 -6.400 38.36 1.000 1.000
145.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	29.79	-1.0202E-04	50.78 108.4 77.52	114.3	UL-RL 5.8099E+04 -6.600 40.56 1.000 1.000
149.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.56	-9.9982E-05	53.02 110.0 79.96	115.8	UL-RL 5.8099E+04 -6.800 42.75 1.000 1.000
152.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	31.33	-9.7251E-05	55.27 111.7 82.40	117.4	UL-RL 5.8099E+04 -7.000 44.94 1.000 1.000
156.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	32.12	-9.3929E-05	57.52 113.5 84.84	118.9	UL-RL 5.8099E+04 -7.200 47.13 1.000 1.000
160.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	32.91	-9.0110E-05	59.77 115.2 87.28	120.5	UL-RL 5.8099E+04 -7.400 49.32 1.000 1.000
164.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	33.71	-8.5873E-05	62.02 117.1 89.72	122.0	UL-RL 5.8099E+04 -7.600 51.52 1.000 1.000
168.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	34.52	-8.1284E-05	64.26 118.9 92.16	123.6	UL-RL 5.8099E+04 -7.800 53.71 1.000 1.000
172.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	35.34	-7.6398E-05	66.51 120.8 94.60	125.2	UL-RL 5.8099E+04 -8.000 55.90 1.000 1.000
176.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	36.16	-7.1260E-05	68.76 122.7 97.04	126.8	UL-RL 5.8099E+04 -8.200 58.09 1.000 1.000
180.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	36.98	-6.5903E-05	71.01 124.6 99.48	128.5	UL-RL 5.8099E+04 -8.400 60.29 1.000 1.000
184.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	37.81	-6.0357E-05	73.25 126.6 101.9	130.1	UL-RL 5.8099E+04 -8.600 62.48 1.000 1.000
189.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	38.65	-5.4644E-05	75.50 128.6 104.4	131.7	UL-RL 5.8099E+04 -8.800 64.67 1.000 1.000
193.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	39.48	-4.8781E-05	77.75 130.6 106.8	133.4	UL-RL 5.8099E+04 -9.000 66.86 1.000 1.000
197.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	40.32	-4.2787E-05	80.00 132.6 109.2	135.0	UL-RL 5.8099E+04 -9.200 69.05 1.000 1.000
201.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	41.17	-3.6677E-05	82.25 134.6 111.7	136.7	UL-RL 5.8099E+04 -9.400 71.25 1.000 1.000
205.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	42.01	-3.0473E-05	84.49 136.6 114.1	138.4	UL-RL 5.8099E+04 -9.600 73.44 1.000 1.000
210.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	42.86	-2.4198E-05	86.74 138.7 116.6	140.1	UL-RL 5.8099E+04 -9.800 75.63 1.000 1.000
214.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	21.85	-1.7883E-05	88.99 140.7 119.0	141.7	UL-RL 5.8099E+04 -10.00 77.82 1.000 1.000
218.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.21896	-0.21896	-3.05533E-12	4.37917E-02
2	0.65688	-0.65688	-4.37917E-02	0.17517
3	1.1760	-1.1760	-0.17517	0.41036
4	2.8373	-2.8373	-0.41036	0.97783
5	5.5231	-5.5231	-0.97783	2.0824
6	9.1354	-9.1354	-2.0824	3.9095
7	13.593	-13.593	-3.9095	6.6282
8	18.830	-18.830	-6.6282	10.394
9	20.024	-20.024	-10.394	14.399
10	22.081	-22.081	-14.399	18.815
11	26.124	-26.124	-18.815	24.040
12	32.082	-32.082	-24.040	30.456
13	39.694	-39.694	-30.456	38.395
14	32.686	-32.686	-38.395	44.932
15	21.368	-21.368	-44.932	49.206
16	12.504	-12.504	-49.206	51.707
17	5.3085	-5.3085	-51.707	52.768
18	-0.18781	0.18781	-52.768	52.731
19	-4.4531	4.4531	-52.731	51.840
20	-8.5420	8.5420	-51.840	50.132
21	-11.264	11.264	-50.132	47.879
22	-13.309	13.309	-47.879	45.217
23	-14.739	14.739	-45.217	42.270
24	-15.651	15.651	-42.270	39.139
25	-16.127	16.127	-39.139	35.914
26	-16.151	16.151	-35.914	32.684
27	-16.657	16.657	-32.684	29.352
28	-16.085	16.085	-29.352	26.135
29	-15.295	15.295	-26.135	23.076
30	-14.341	14.341	-23.076	20.208
31	-13.268	13.268	-20.208	17.555
32	-12.116	12.116	-17.555	15.132
33	-10.920	10.920	-15.132	12.948
34	-9.7112	9.7112	-12.948	11.005
35	-8.5164	8.5164	-11.005	9.3020
36	-7.3588	7.3588	-9.3020	7.8302
37	-6.2588	6.2588	-7.8302	6.5785
38	-5.2343	5.2343	-6.5785	5.5316
39	-4.3016	4.3016	-5.5316	4.6713
40	-3.4740	3.4740	-4.6713	3.9765
41	-2.7633	2.7633	-3.9765	3.4238
42	-2.1812	2.1812	-3.4238	2.9876
43	-1.7382	1.7382	-2.9876	2.6400
44	-1.4432	1.4432	-2.6400	2.3513
45	-1.3051	1.3051	-2.3513	2.0903
46	-1.3315	1.3315	-2.0903	1.8240
47	-1.5290	1.5290	-1.8240	1.5182
48	-1.9057	1.9057	-1.5182	1.1371
49	-2.4674	2.4674	-1.1371	0.64358
50	-3.2178	3.2178	-0.64358	1.17018E-13



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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	3
3	CONVERGENCE :YES	3

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.17 [sec]

DATABASE CREATION CPU TIME..... 0.09 [sec]

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## Design Assumption : SLE (Rara/Frequente/Quasi Permanente) - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:40:46

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

STARTING

```

ACCEPTED &lt;FILE,GENW &gt;
ACCEPTED &lt;FILE,PLOTTER,BINARY &gt;
ACCEPTED &lt;SOLVE TOTAL_STRESS &gt;
ACCEPTED &lt;PARAM ITEMAX 40 &gt;
ACCEPTED &lt;CONTROL HINGES 0 0.0001 0.001 &gt;

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	51
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	102
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	304
NO. OF LONG NAMES (LASTNAME) .....	15
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 304

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -10 0 1
7 : SOIL 0_L LeftWall_32 -10 0 1 0
8 : SOIL 0_R LeftWall_32 -10 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -10 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 1.5 28.5 0 20 45
34 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
35 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
36 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
37 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
38 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
39 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
40 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
41 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
42 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
43 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
44 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
45 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
46 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
47 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
48 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
49 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
50 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
51 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
52 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
53 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
54 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
55 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
56 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 14.8 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 15.2 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 15.6 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 16 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 16.4 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 16.8 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 17.2 0.4 0 50.4 45

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78 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
79 : STRIP LeftWall\_32 1 1 18 0.4 0 50.4 45  
80 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
81 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
82 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
83 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
84 : STRIP LeftWall\_32 1 1 20 0.4 0 50.4 45  
85 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
86 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
87 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
88 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
89 : STRIP LeftWall\_32 1 1 22 0.4 0 50.4 45  
90 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
91 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
92 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
93 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
94 : STRIP LeftWall\_32 1 1 24 0.4 0 50.4 45  
95 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
96 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
97 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
98 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
99 : STRIP LeftWall\_32 1 1 26 0.4 0 50.4 45  
100 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
101 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
102 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
103 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
104 : STRIP LeftWall\_32 1 1 28 0.4 0 50.4 45  
105 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
106 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
107 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
108 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
109 : STRIP LeftWall\_32 2 2 0 0.4 0 1.68 45  
110 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
111 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
112 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
113 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
114 : STRIP LeftWall\_32 2 2 2 0.4 0 18.48 45  
115 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
116 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
117 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
118 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
119 : STRIP LeftWall\_32 2 2 4 0.4 0 35.28 45  
120 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
121 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
122 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
123 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
124 : STRIP LeftWall\_32 2 2 6 0.4 0 50.4 45  
125 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
126 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
127 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
128 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
129 : STRIP LeftWall\_32 2 2 8 0.4 0 50.4 45  
130 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
131 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
132 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
133 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
134 : STRIP LeftWall\_32 2 2 10 0.4 0 50.4 45  
135 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
136 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
137 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
138 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
139 : STRIP LeftWall\_32 2 2 12 0.4 0 50.4 45  
140 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
141 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
142 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
143 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
144 : STRIP LeftWall\_32 2 2 14 0.4 0 50.4 45  
145 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
146 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
147 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
148 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
149 : STRIP LeftWall\_32 2 2 16 0.4 0 50.4 45  
150 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
151 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
152 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
153 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
154 : STRIP LeftWall\_32 2 2 18 0.4 0 50.4 45  
155 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
156 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
157 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
158 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
159 : STRIP LeftWall\_32 2 2 20 0.4 0 50.4 45  
160 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45  
161 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
162 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
163 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
164 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
165 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
166 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
167 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 24.0 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 26.0 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 28.0 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 3 3 0.4 0.4 0 1.68 45  
 185 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 186 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 187 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 188 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 189 : STRIP LeftWall\_32 3 3 2.0 0.4 0 18.48 45  
 190 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 191 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 192 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 193 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 194 : STRIP LeftWall\_32 3 3 4.0 0.4 0 35.28 45  
 195 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 196 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 197 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 198 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 199 : STRIP LeftWall\_32 3 3 6.0 0.4 0 50.4 45  
 200 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 201 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 202 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 203 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 204 : STRIP LeftWall\_32 3 3 8.0 0.4 0 50.4 45  
 205 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 206 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 208 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 209 : STRIP LeftWall\_32 3 3 10.0 0.4 0 50.4 45  
 210 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 214 : STRIP LeftWall\_32 3 3 12.0 0.4 0 50.4 45  
 215 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 216 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 14.0 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 16.0 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 18.0 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 20.0 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 22.0 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 24.0 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 26.0 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 28.0 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 259 : STEP Stage1\_31  
 260 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 261 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 262 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 263 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 264 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 265 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 266 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 267 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 268 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 269 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 270 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32  
 271 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
 272 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
 273 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
 274 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
 275 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
 276 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
 277 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
 278 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
 279 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 280 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
 281 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 282 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
 283 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 284 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 286 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
 287 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 288 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
 289 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 290 : SETWALL LeftWall\_32  
 291 : GEOM 0 0  
 292 : WATER -0.5 0 -10 0 0  
 293 : ADD WallElement\_33  
 294 : ENDSTEP  
 295 : STEP Stage2\_446  
 296 : SETWALL LeftWall\_32  
 297 : GEOM 0 -2.42  
 298 : WATER -1.4 1.5 -10 0 0  
 299 : ENDSTEP  
 300 : STEP Stage3\_549  
 301 : SETWALL LeftWall\_32  
 302 : GEOM 0 -2.42  
 303 : WATER -1.4 1.5 -10 0 0  
 304 : ENDSTEP

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Exe Time : 8 June 2018 11:40:46

N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.000	/				



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```

ELEMENT GROUP NO. 1

```

0_L
 5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage  status
-----
 1  active
 2  active
 3  active

```

material set no. 1

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 1.00000

```

material set no. 2

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 2.00000

```

material set no. 3

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 3.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000

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43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.1000	0.000	0.000	0.000	1.000

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                Exe Time : 8 June 2018          11:40:46
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```

ELEMENT GROUP NO. 2

0\_R  
5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

```

stage  status
-----
 1  active
 2  active
 3  active

```

```

material set no.  1

prop( 1) angle           180.000
prop( 2) layer as foreseen 1.00000

```

```

material set no.  2

prop( 1) angle           180.000
prop( 2) layer as foreseen 2.00000

```

```

material set no.  3

prop( 1) angle           180.000
prop( 2) layer as foreseen 3.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000

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43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33 :  
2 50 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0



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L O A D      B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1  
 NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.37600	WALL NO.	1
ITEM NO.	11	U-KP	3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.37600	WALL NO.	1
ITEM NO.	61	D-KP	3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

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DEFAULT WATER UNIT WEIGHT = 10.000  
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                Exe Time : 8 June 2018      11:40:46
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PHASE DESCRIPTORS

STEP NO. 1

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	0.000	0.000
Z-WATER_TABLE	-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 1

STEP NO. 2

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-2.420	0.000
Z-WATER_TABLE	-1.400	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 2

STEP NO. 3



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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-2.420	0.000
Z-WATER_TABLE	-1.400	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.000	-10.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:40:46

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.76000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.12000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.48000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.84000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.20000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.56000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.800000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.200000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.600000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000



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TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 8.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.7600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.1200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.2000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.5600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.800000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.200000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.600000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000



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TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 20.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 21.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 21.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 22.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 22.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 22.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000



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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 5258

NO. OF D.P.W FOR THIS AREA 6023  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.3158E-27 REMNOR= 0.000 RATIO =0.7121E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.7121E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.1191E-28 REMNOR=0.2834E-53 RATIO =0.1383E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.1383E-16 RATIOR= 0.000  
MAX UN=0.1767E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.4362E-15 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.6385E-29 REMNOR=0.4958E-53 RATIO =0.1013E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.1013E-16 RATIOR= 0.000  
MAX UN=0.1141E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.2735E-15 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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E E2 CL GA 160 1 002

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:40:46

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS







GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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33 D	28.13	-1.8788E-20	75.08 81.63 75.08	81.63	V-C 5.6090E+04 -6.400 59.00 1.000 1.000
140.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.86	-1.8631E-20	77.52 83.30 77.52	83.30	V-C 5.6090E+04 -6.600 61.00 1.000 1.000
144.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.59	-1.7957E-20	79.96 84.97 79.96	84.97	V-C 5.6090E+04 -6.800 63.00 1.000 1.000
148.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.33	-1.6678E-20	82.40 86.63 82.40	86.63	V-C 5.6090E+04 -7.000 65.00 1.000 1.000
151.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.06	-1.4707E-20	84.84 88.28 84.84	88.28	V-C 5.6090E+04 -7.200 67.00 1.000 1.000
155.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.79	-1.1953E-20	87.28 89.93 87.28	89.93	V-C 5.6090E+04 -7.400 69.00 1.000 1.000
158.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.52	-8.3230E-21	89.72 91.58 89.72	91.58	V-C 5.6090E+04 -7.600 71.00 1.000 1.000
162.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.25	-3.7418E-21	92.16 93.23 92.16	93.23	V-C 5.6090E+04 -7.800 73.00 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	33.97	1.8075E-21	94.60 94.87 94.60	94.87	V-C 5.6090E+04 -8.000 75.00 1.000 1.000
169.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.70	8.3249E-21	97.04 96.51 97.04	96.51	V-C 5.6090E+04 -8.200 77.00 1.000 1.000
173.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.43	1.5808E-20	99.48 98.15 99.48	98.15	V-C 5.6090E+04 -8.400 79.00 1.000 1.000
177.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.16	2.4235E-20	101.9 99.79 101.9	99.79	V-C 5.6090E+04 -8.600 81.00 1.000 1.000
180.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	36.89	3.3505E-20	104.4 101.4 104.4	101.4	V-C 5.6090E+04 -8.800 83.00 1.000 1.000
184.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.61	4.3438E-20	106.8 103.1 106.8	103.1	V-C 5.6090E+04 -9.000 85.00 1.000 1.000
188.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.34	5.3828E-20	109.2 104.7 109.2	104.7	V-C 5.6090E+04 -9.200 87.00 1.000 1.000
191.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.07	6.4478E-20	111.7 106.3 111.7	106.3	V-C 5.6090E+04 -9.400 89.00 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	39.79	7.5256E-20	114.1 108.0 114.1	108.0	V-C 5.6090E+04 -9.600 91.00 1.000 1.000
199.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	40.52	8.6090E-20	116.6 109.6 116.6	109.6	V-C 5.6090E+04 -9.800 93.00 1.000 1.000
202.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.62	9.6930E-20	119.0 111.2 119.0	111.2	V-C 5.6090E+04 -10.00 95.00 1.000 1.000
206.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:40:46

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-1.88196E-17	1.88196E-17	2.20881E-29	3.76391E-18	
2 1.69208E-16	1.69208E-16	3.76391E-18	3.00777E-17	
3-3.05274E-16	3.05274E-16	3.00777E-17	3.09770E-17	
4-3.32034E-16	3.32034E-16	3.09770E-17	9.73839E-17	
5-3.55148E-16	3.55148E-16	9.73839E-17	1.68413E-16	
6-3.74589E-16	3.74589E-16	1.68413E-16	2.43331E-16	
7-3.90321E-16	3.90321E-16	2.43331E-16	3.21395E-16	
8-4.02293E-16	4.02293E-16	3.21395E-16	4.01854E-16	
9-4.28188E-16	4.28188E-16	4.01854E-16	4.87491E-16	
10-4.41679E-16	4.41679E-16	4.87491E-16	5.75827E-16	
11-4.42470E-16	4.42470E-16	5.75827E-16	6.64321E-16	
12-4.30225E-16	4.30225E-16	6.64321E-16	7.50366E-16	
13-4.04578E-16	4.04578E-16	7.50366E-16	8.31282E-16	
14-3.65147E-16	3.65147E-16	8.31282E-16	9.04311E-16	
15-3.11550E-16	3.11550E-16	9.04311E-16	9.66621E-16	
16-2.43432E-16	2.43432E-16	9.66621E-16	1.01531E-15	
17-1.60485E-16	1.60485E-16	1.01531E-15	1.04740E-15	
18-6.24845E-17	6.24845E-17	1.04740E-15	1.05990E-15	
19 5.06816E-17	5.06816E-17	1.05990E-15	1.04977E-15	
20 1.78977E-16	1.78977E-16	1.04977E-15	1.01397E-15	
21 3.22176E-16	3.22176E-16	1.01397E-15	9.49535E-16	
22 4.79829E-16	4.79829E-16	9.49535E-16	8.53569E-16	
23 6.51216E-16	6.51216E-16	8.53569E-16	7.23326E-16	
24 8.35311E-16	8.35311E-16	7.23326E-16	5.56264E-16	
25 1.03074E-15	1.03074E-15	5.56264E-16	3.50116E-16	
26 1.28699E-15	1.28699E-15	3.50116E-16	9.27185E-17	
27 5.10521E-15	5.10521E-15	9.27185E-17	9.28323E-16	
28 5.37667E-15	5.37667E-15	9.28323E-16	2.00366E-15	
29 5.65020E-15	5.65020E-15	2.00366E-15	3.13370E-15	
30 5.92130E-15	5.92130E-15	3.13370E-15	4.31796E-15	
31 6.18483E-15	6.18483E-15	4.31796E-15	5.55492E-15	
32 6.43505E-15	6.43505E-15	5.55492E-15	6.84193E-15	
33 6.66565E-15	6.66565E-15	6.84193E-15	8.17506E-15	
34 6.86979E-15	6.86979E-15	8.17506E-15	9.54902E-15	
35 7.04017E-15	7.04017E-15	9.54902E-15	1.09570E-14	
36 7.16914E-15	7.16914E-15	1.09570E-14	1.23909E-14	
37 7.24883E-15	7.24883E-15	1.23909E-14	1.38406E-14	
38 7.27124E-15	7.27124E-15	1.38406E-14	1.52949E-14	
39 1.22961E-16	1.22961E-16	1.52949E-14	1.53195E-14	
40 7.07101E-18	7.07101E-18	1.53195E-14	1.53209E-14	
41-1.89303E-16	1.89303E-16	1.53209E-14	1.52830E-14	
42-4.73115E-16	4.73115E-16	1.52830E-14	1.51884E-14	
43-7.95611E-15	7.95611E-15	1.51884E-14	1.35972E-14	
44-1.55384E-14	1.55384E-14	1.35972E-14	1.04895E-14	
45-1.61194E-14	1.61194E-14	1.04895E-14	7.26563E-15	
46-1.68083E-14	1.68083E-14	7.26563E-15	3.90398E-15	
47-1.05025E-14	1.05025E-14	3.90398E-15	1.80349E-15	
48-4.30951E-15	4.30951E-15	1.80349E-15	9.41584E-16	
49-5.33606E-15	5.33606E-15	9.41584E-16	1.25623E-16	
50 6.28097E-16	6.28097E-16	1.25623E-16	6.05845E-28	

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6532E+05 RIMNOR=0.4562E-26  
RENORM= 1261. REMNOR=0.4958E-53 RATIO =0.1389 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 43.14 RMMAX =0.1532E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.6532E+05 RDR =0.1000E-18  
RATIOT=0.1389 RATIO= 0.000  
MAX UN= 12.18 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
MIN UN=-9.089 IEQ= 29 NODE 15 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6532E+05 RIMNOR=0.4562E-26  
RENORM=0.7933 REMNOR=0.1635E-20 RATIO =0.3485E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 43.14 RMMAX =0.1532E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18



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RDT =0.6532E+05 RDR =0.1000E-18  
RATIOT=0.3485E-02 RATIO= 0.000  
MAX UN=0.8521 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.2450 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6532E+05 RIMNOR=0.4562E-26  
RENORM=0.2945E-04 REMNOR=0.1211E-21 RATIO =0.2123E-04 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 43.14 RMMAX =0.1532E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.6532E+05 RDR =0.1000E-18  
RATIOT=0.2123E-04 RATIO= 0.000  
MAX UN=0.8090E-10 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
MIN UN=-.3511E-02 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:40:46

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	8.3722257E-04	-2.6153368E-04	
2	7.8491583E-04	-2.6153368E-04	
3	7.3260910E-04	-2.6153368E-04	
4	6.8030316E-04	-2.6152176E-04	
5	6.2800517E-04	-2.6143816E-04	
6	5.7574119E-04	-2.6115504E-04	
7	5.2356907E-04	-2.6048322E-04	
8	4.7159014E-04	-2.5917792E-04	
9	4.1995985E-04	-2.5694336E-04	
10	3.6888710E-04	-2.5359414E-04	
11	3.1860385E-04	-2.4902010E-04	
12	2.6937591E-04	-2.4299337E-04	
13	2.2152618E-04	-2.3517148E-04	
14	1.7545726E-04	-2.2510042E-04	
15	1.3163841E-04	-2.1274338E-04	
16	9.0473476E-05	-1.9868286E-04	
17	5.2235569E-05	-1.8356497E-04	
18	1.7084236E-05	-1.6789295E-04	
19	-1.4911061E-05	-1.5206267E-04	
20	-4.3751078E-05	-1.3638607E-04	
21	-6.9492138E-05	-1.2111109E-04	
22	-9.2235300E-05	-1.0643485E-04	
23	-1.1211633E-04	-9.2512388E-05	
24	-1.2929847E-04	-7.9463193E-05	
25	-1.4396582E-04	-6.7377107E-05	
26	-1.5631787E-04	-5.6319287E-05	
27	-1.6656363E-04	-4.6313759E-05	
28	-1.7491246E-04	-3.7345423E-05	
29	-1.8156887E-04	-2.9383175E-05	
30	-1.8672988E-04	-2.2383120E-05	
31	-1.9058269E-04	-1.6291603E-05	
32	-1.9330302E-04	-1.1047818E-05	
33	-1.9505393E-04	-6.5859417E-06	
34	-1.9598494E-04	-2.8372199E-06	
35	-1.9623169E-04	2.6850190E-07	
36	-1.9591574E-04	2.8013525E-06	
37	-1.9514475E-04	4.8302508E-06	
38	-1.9401278E-04	6.4219617E-06	
39	-1.9260086E-04	7.6402230E-06	
40	-1.9097759E-04	8.5451211E-06	
41	-1.8919998E-04	9.1925384E-06	
42	-1.8731432E-04	9.6337162E-06	
43	-1.8535716E-04	9.9149073E-06	
44	-1.8335629E-04	1.0077098E-05	
45	-1.8133189E-04	1.0155791E-05	
46	-1.7929756E-04	1.0180826E-05	
47	-1.7726154E-04	1.0176246E-05	
48	-1.7522783E-04	1.0160174E-05	
49	-1.7319743E-04	1.0144717E-05	
50	-1.7116951E-04	1.0135880E-05	
51	-1.6914260E-04	1.0133483E-05	







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33 D	27.98	-1.9505E-04	48.53 101.5 75.08	112.9	UL-RL 5.8099E+04 -6.400 38.36 1.000 1.000
139.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.70	-1.9598E-04	50.78 102.9 77.52	114.3	UL-RL 5.8099E+04 -6.600 40.56 1.000 1.000
143.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.44	-1.9623E-04	53.02 104.4 79.96	115.8	UL-RL 5.8099E+04 -6.800 42.75 1.000 1.000
147.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.18	-1.9592E-04	55.27 106.0 82.40	117.4	UL-RL 5.8099E+04 -7.000 44.94 1.000 1.000
150.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	30.94	-1.9514E-04	57.52 107.6 84.84	118.9	UL-RL 5.8099E+04 -7.200 47.13 1.000 1.000
154.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.70	-1.9401E-04	59.77 109.2 87.28	120.5	UL-RL 5.8099E+04 -7.400 49.32 1.000 1.000
158.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.47	-1.9260E-04	62.02 110.9 89.72	122.0	UL-RL 5.8099E+04 -7.600 51.52 1.000 1.000
162.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.25	-1.9098E-04	64.26 112.5 92.16	123.6	UL-RL 5.8099E+04 -7.800 53.71 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	34.03	-1.8920E-04	66.51 114.2 94.60	125.2	UL-RL 5.8099E+04 -8.000 55.90 1.000 1.000
170.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.81	-1.8731E-04	68.76 116.0 97.04	126.8	UL-RL 5.8099E+04 -8.200 58.09 1.000 1.000
174.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.60	-1.8536E-04	71.01 117.7 99.48	128.5	UL-RL 5.8099E+04 -8.400 60.29 1.000 1.000
178.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.39	-1.8336E-04	73.25 119.4 101.9	130.1	UL-RL 5.8099E+04 -8.600 62.48 1.000 1.000
181.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.18	-1.8133E-04	75.50 121.2 104.4	131.7	UL-RL 5.8099E+04 -8.800 64.67 1.000 1.000
185.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.97	-1.7930E-04	77.75 123.0 106.8	133.4	UL-RL 5.8099E+04 -9.000 66.86 1.000 1.000
189.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.76	-1.7726E-04	80.00 124.7 109.2	135.0	UL-RL 5.8099E+04 -9.200 69.05 1.000 1.000
193.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.56	-1.7523E-04	82.25 126.5 111.7	136.7	UL-RL 5.8099E+04 -9.400 71.25 1.000 1.000
197.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.35	-1.7320E-04	84.49 128.3 114.1	138.4	UL-RL 5.8099E+04 -9.600 73.44 1.000 1.000
201.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.15	-1.7117E-04	86.74 130.1 116.6	140.1	UL-RL 5.8099E+04 -9.800 75.63 1.000 1.000
205.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.97	-1.6914E-04	88.99 131.9 119.0	141.7	UL-RL 5.8099E+04 -10.00 77.82 1.000 1.000
209.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

GENERAL CONTRACTOR

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:40:46

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	3.03544E-11	-3.03544E-11	3.04112E-12	1.01750E-11
2	1.86449E-11	-1.86449E-11	-5.87618E-12	-9.02386E-12
3	0.37717	-0.37717	1.09068E-11	7.54336E-02
4	1.8907	-1.8907	-7.54336E-02	0.45357
5	4.4227	-4.4227	-0.45357	1.3381
6	7.8755	-7.8755	-1.3381	2.9132
7	12.168	-12.168	-2.9132	5.3468
8	17.234	-17.234	-5.3468	8.7937
9	18.034	-18.034	-8.7937	12.400
10	20.720	-20.720	-12.400	16.544
11	25.244	-25.244	-16.544	21.593
12	31.556	-31.556	-21.593	27.904
13	39.608	-39.608	-27.904	35.826
14	32.721	-32.721	-35.826	42.370
15	21.177	-21.177	-42.370	46.606
16	12.276	-12.276	-46.606	49.061
17	5.2595	-5.2595	-49.061	50.113
18	-0.25218	0.25218	-50.113	50.062
19	-4.6101	4.6101	-50.062	49.140
20	-8.0951	8.0951	-49.140	47.521
21	-10.852	10.852	-47.521	45.351
22	-12.998	12.998	-45.351	42.751
23	-14.633	14.633	-42.751	39.825
24	-15.840	15.840	-39.825	36.657
25	-16.694	16.694	-36.657	33.318
26	-16.599	16.599	-33.318	29.998
27	-16.220	16.220	-29.998	26.754
28	-15.613	15.613	-26.754	23.632
29	-14.831	14.831	-23.632	20.665
30	-13.916	13.916	-20.665	17.882
31	-12.906	12.906	-17.882	15.301
32	-11.835	11.835	-15.301	12.934
33	-10.730	10.730	-12.934	10.788
34	-9.6150	9.6150	-10.788	8.8651
35	-8.5108	8.5108	-8.8651	7.1629
36	-7.4341	7.4341	-7.1629	5.6761
37	-6.3990	6.3990	-5.6761	4.3963
38	-5.4171	5.4171	-4.3963	3.3129
39	-4.4978	4.4978	-3.3129	2.4133
40	-3.6489	3.6489	-2.4133	1.6836
41	-2.8765	2.8765	-1.6836	1.1082
42	-2.1855	2.1855	-1.1082	0.67115
43	-1.5797	1.5797	-0.67115	0.35521
44	-1.0622	1.0622	-0.35521	0.14276
45	-0.63551	0.63551	-0.14276	1.56638E-02
46	-0.30156	0.30156	-1.56638E-02	4.46479E-02
47	-6.20574E-02	6.20574E-02	4.46479E-02	-5.70594E-02
48	8.15393E-02	-8.15393E-02	5.70594E-02	-4.07515E-02
49	0.12791	-0.12791	4.07515E-02	-1.51687E-02
50	7.58417E-02	-7.58417E-02	1.51687E-02	1.09956E-12

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.8225E+05 RIMNOR=0.6141E+05  
RENORM=0.2945E-04 REMNOR=0.1211E-21 RATIO =0.1892E-04 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 41.15 RMMAX = 50.11  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.8225E+05 RDR =0.6141E+05  
RATIOT=0.1892E-04 RATIOR= 0.000  
MAX UN=0.8090E-10 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
MIN UN=-.3511E-02 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.8225E+05 RIMNOR=0.6141E+05  
RENORM=0.6190E-06 REMNOR=0.1712E-21 RATIO =0.2743E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 41.15 RMMAX = 50.11  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03

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RDT =0.8225E+05 RDR =0.6141E+05  
RATIOT=0.2743E-05 RATIO= 0.000  
MAX UN=0.1292E-09 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
MIN UN=-.4190E-03 IEQ= 93 NODE 47 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.8225E+05 RIMNOR=0.6141E+05  
RENORM=0.1682E-08 REMNOR=0.2674E-21 RATIO =0.1430E-06 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 41.15 RMMAX = 50.11  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.8225E+05 RDR =0.6141E+05  
RATIOT=0.1430E-06 RATIO= 0.000  
MAX UN=0.1017E-09 IEQ= 7 NODE 4 DOF 1 Y-DISPL.F  
MIN UN=-.2981E-04 IEQ= 65 NODE 33 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:40:46

New Project  
SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	8.3721956E-04	-2.6153372E-04	
2	7.8491282E-04	-2.6153372E-04	
3	7.3260607E-04	-2.6153372E-04	
4	6.8030013E-04	-2.6152179E-04	
5	6.2800213E-04	-2.6143820E-04	
6	5.7573815E-04	-2.6115506E-04	
7	5.2356602E-04	-2.6048324E-04	
8	4.7158709E-04	-2.5917793E-04	
9	4.1995680E-04	-2.5694335E-04	
10	3.6888406E-04	-2.5359411E-04	
11	3.1860081E-04	-2.4902004E-04	
12	2.6937289E-04	-2.4299327E-04	
13	2.2152319E-04	-2.3517131E-04	
14	1.7545431E-04	-2.2510017E-04	
15	1.3163552E-04	-2.1274302E-04	
16	9.0470667E-05	-1.9868237E-04	
17	5.2232875E-05	-1.8356431E-04	
18	1.7081694E-05	-1.6789208E-04	
19	-1.4913404E-05	-1.5206155E-04	
20	-4.3753172E-05	-1.3638472E-04	
21	-6.9493946E-05	-1.2110960E-04	
22	-9.2236805E-05	-1.0643332E-04	
23	-1.1211753E-04	-9.2510909E-05	
24	-1.2929939E-04	-7.9461855E-05	
25	-1.4396649E-04	-6.7375998E-05	
26	-1.5631835E-04	-5.6318495E-05	
27	-1.6656400E-04	-4.6313372E-05	
28	-1.7491280E-04	-3.734527E-05	
29	-1.8156928E-04	-2.9383856E-05	
30	-1.8673049E-04	-2.2384462E-05	
31	-1.9058364E-04	-1.6293690E-05	
32	-1.9330447E-04	-1.1050731E-05	
33	-1.9505605E-04	-6.5897605E-06	
34	-1.9598793E-04	-2.8420197E-06	
35	-1.9623573E-04	2.6265025E-07	
36	-1.9592106E-04	2.7943827E-06	
37	-1.9515159E-04	4.8221028E-06	
38	-1.9402137E-04	6.4125835E-06	
39	-1.9261145E-04	7.6295728E-06	
40	-1.9099044E-04	8.5331700E-06	
41	-1.8921535E-04	9.1792726E-06	
42	-1.8733248E-04	9.6191410E-06	
43	-1.8537836E-04	9.8990499E-06	
44	-1.8338079E-04	1.0060012E-05	
45	-1.8135992E-04	1.0137559E-05	
46	-1.7932934E-04	1.0161568E-05	
47	-1.7729726E-04	1.0156119E-05	
48	-1.7526765E-04	1.0139381E-05	
49	-1.7324145E-04	1.0123497E-05	
50	-1.7121780E-04	1.0114464E-05	
51	-1.6919519E-04	1.0112020E-05	



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33 D	29.08	1.9506E-04	118.2 100.1 118.2	100.1	V-C 4.6620E+04 -6.400 45.28 1.000 1.000
145.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	29.82	1.9599E-04	120.9 102.0 120.9	102.0	V-C 4.6620E+04 -6.600 47.09 1.000 1.000
149.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.54	1.9624E-04	124.4 103.8 124.4	103.8	V-C 4.6620E+04 -6.800 48.90 1.000 1.000
152.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	31.26	1.9592E-04	127.4 105.6 127.4	105.6	V-C 4.6620E+04 -7.000 50.71 1.000 1.000
156.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.98	1.9515E-04	130.5 107.4 130.5	107.4	V-C 4.6620E+04 -7.200 52.51 1.000 1.000
159.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	32.69	1.9402E-04	133.5 109.1 133.5	109.1	V-C 4.6620E+04 -7.400 54.32 1.000 1.000
163.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	33.39	1.9261E-04	136.9 110.8 136.9	110.8	V-C 4.6620E+04 -7.600 56.13 1.000 1.000
167.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	34.10	1.9099E-04	139.8 112.6 139.8	112.6	V-C 4.6620E+04 -7.800 57.94 1.000 1.000
170.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	34.80	1.8922E-04	142.8 114.3 142.8	114.3	V-C 4.6620E+04 -8.000 59.74 1.000 1.000
174.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	35.50	1.8733E-04	145.7 116.0 145.7	116.0	V-C 4.6620E+04 -8.200 61.55 1.000 1.000
177.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	36.20	1.8538E-04	149.0 117.7 149.0	117.7	V-C 4.6620E+04 -8.400 63.36 1.000 1.000
181.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.90	1.8338E-04	151.6 119.3 151.6	119.3	V-C 4.6620E+04 -8.600 65.17 1.000 1.000
184.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.60	1.8136E-04	154.8 121.0 154.8	121.0	V-C 4.6620E+04 -8.800 66.98 1.000 1.000
188.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	38.30	1.7933E-04	157.7 122.7 157.7	122.7	V-C 4.6620E+04 -9.000 68.78 1.000 1.000
191.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	39.00	1.7730E-04	160.9 124.4 160.9	124.4	V-C 4.6620E+04 -9.200 70.59 1.000 1.000
195.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.70	1.7527E-04	163.4 126.1 163.4	126.1	UL-RL 1.1686E+05 -9.400 72.40 1.000 1.000
198.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.40	1.7324E-04	166.6 127.8 166.6	127.8	UL-RL 1.1686E+05 -9.600 74.21 1.000 1.000
202.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.09	1.7122E-04	169.4 129.5 169.4	129.5	UL-RL 1.1686E+05 -9.800 76.01 1.000 1.000
205.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.90	1.6920E-04	172.2 131.1 172.2	131.2	UL-RL 1.1686E+05 -10.00 77.82 1.000 1.000
209.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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33 D	27.98	-1.9506E-04	48.53 101.5 75.08	112.9	UL-RL 5.8099E+04 -6.400 38.36 1.000 1.000
139.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.70	-1.9599E-04	50.78 102.9 77.52	114.3	UL-RL 5.8099E+04 -6.600 40.56 1.000 1.000
143.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.44	-1.9624E-04	53.02 104.4 79.96	115.8	UL-RL 5.8099E+04 -6.800 42.75 1.000 1.000
147.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.18	-1.9592E-04	55.27 106.0 82.40	117.4	UL-RL 5.8099E+04 -7.000 44.94 1.000 1.000
150.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	30.94	-1.9515E-04	57.52 107.6 84.84	118.9	UL-RL 5.8099E+04 -7.200 47.13 1.000 1.000
154.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.70	-1.9402E-04	59.77 109.2 87.28	120.5	UL-RL 5.8099E+04 -7.400 49.32 1.000 1.000
158.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.47	-1.9261E-04	62.02 110.9 89.72	122.0	UL-RL 5.8099E+04 -7.600 51.52 1.000 1.000
162.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.25	-1.9099E-04	64.26 112.5 92.16	123.6	UL-RL 5.8099E+04 -7.800 53.71 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	34.03	-1.8922E-04	66.51 114.2 94.60	125.2	UL-RL 5.8099E+04 -8.000 55.90 1.000 1.000
170.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.81	-1.8733E-04	68.76 116.0 97.04	126.8	UL-RL 5.8099E+04 -8.200 58.09 1.000 1.000
174.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.60	-1.8538E-04	71.01 117.7 99.48	128.5	UL-RL 5.8099E+04 -8.400 60.29 1.000 1.000
178.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.38	-1.8338E-04	73.25 119.4 101.9	130.1	UL-RL 5.8099E+04 -8.600 62.48 1.000 1.000
181.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.17	-1.8136E-04	75.50 121.2 104.4	131.7	UL-RL 5.8099E+04 -8.800 64.67 1.000 1.000
185.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.97	-1.7933E-04	77.75 123.0 106.8	133.4	UL-RL 5.8099E+04 -9.000 66.86 1.000 1.000
189.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.76	-1.7730E-04	80.00 124.7 109.2	135.0	UL-RL 5.8099E+04 -9.200 69.05 1.000 1.000
193.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.55	-1.7527E-04	82.25 126.5 111.7	136.7	UL-RL 5.8099E+04 -9.400 71.25 1.000 1.000
197.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.35	-1.7324E-04	84.49 128.3 114.1	138.4	UL-RL 5.8099E+04 -9.600 73.44 1.000 1.000
201.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.15	-1.7122E-04	86.74 130.1 116.6	140.1	UL-RL 5.8099E+04 -9.800 75.63 1.000 1.000
205.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.97	-1.6920E-04	88.99 131.9 119.0	141.7	UL-RL 5.8099E+04 -10.00 77.82 1.000 1.000
209.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time : 8 June 2018 11:40:46

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	2.81745E-06	-2.81745E-06	-5.53498E-12	5.63502E-07
2	1.18555E-05	-1.18555E-05	-5.63504E-07	2.93459E-06
3	0.37719	-0.37719	-2.93459E-06	7.54407E-02
4	1.8907	-1.8907	-7.54407E-02	0.45358
5	4.4227	-4.4227	-0.45358	1.3381
6	7.8755	-7.8755	-1.3381	2.9132
7	12.168	-12.168	-2.9132	5.3469
8	17.234	-17.234	-5.3469	8.7937
9	18.034	-18.034	-8.7937	12.400
10	20.720	-20.720	-12.400	16.545
11	25.244	-25.244	-16.545	21.593
12	31.556	-31.556	-21.593	27.905
13	39.608	-39.608	-27.905	35.826
14	32.722	-32.722	-35.826	42.371
15	21.178	-21.178	-42.371	46.606
16	12.276	-12.276	-46.606	49.061
17	5.2602	-5.2602	-49.061	50.114
18	-0.25145	0.25145	-50.114	50.063
19	-4.6117	4.6117	-50.063	49.141
20	-8.0966	8.0966	-49.141	47.522
21	-10.853	10.853	-47.522	45.351
22	-12.999	12.999	-45.351	42.751
23	-14.634	14.634	-42.751	39.824
24	-15.842	15.842	-39.824	36.656
25	-16.696	16.696	-36.656	33.317
26	-16.601	16.601	-33.317	29.997
27	-16.221	16.221	-29.997	26.752
28	-15.615	15.615	-26.752	23.630
29	-14.832	14.832	-23.630	20.663
30	-13.917	13.917	-20.663	17.880
31	-12.907	12.907	-17.880	15.298
32	-11.836	11.836	-15.298	12.931
33	-10.731	10.731	-12.931	10.785
34	-9.6161	9.6161	-10.785	8.8617
35	-8.5118	8.5118	-8.8617	7.1593
36	-7.4350	7.4350	-7.1593	5.6723
37	-6.3998	6.3998	-5.6723	4.3924
38	-5.4177	5.4177	-4.3924	3.3088
39	-4.4982	4.4982	-3.3088	2.4092
40	-3.6490	3.6490	-2.4092	1.6794
41	-2.8763	2.8763	-1.6794	1.1041
42	-2.1849	2.1849	-1.1041	0.66715
43	-1.5786	1.5786	-0.66715	0.35143
44	-1.0606	1.0606	-0.35143	0.13930
45	-0.63334	0.63334	-0.13930	1.26317E-02
46	-0.29873	0.29873	-1.26317E-02	4.71136E-02
47	-5.84771E-02	5.84771E-02	4.71136E-02	5.88090E-02
48	8.55329E-02	-8.55329E-02	5.88090E-02	4.17024E-02
49	0.13120	-0.13120	4.17024E-02	-1.54621E-02
50	7.73086E-02	-7.73086E-02	1.54621E-02	3.44058E-13

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time : 8 June 2018 11:40:46

F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	3
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.14 [sec]

DATABASE CREATION CPU TIME..... 0.08 [sec]

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### Design Assumption : A1+M1+R1 (R3 per tiranti) - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:40:47

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]



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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) ..... 51  
NO. OF COORDINATES (NCOORD)..... 2  
NO. OF NODE DOFS (NDOF)..... 2  
NO. OF EQUATIONS (NEQ)..... 102  
NO. OF CONSTRAINTS CARDS (NVINC)..... 0  
NO. OF ELEMENT GROUPS (NEG)..... 3  
NO. OF SOLUTION STEPS (NSTE)..... 3  
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ... 0  
NO. OF RECORD FROM WALGEN ..... 304  
NO. OF LONG NAMES (LASTNAME) ..... 15  
LENGTH UNIT CHOICE ..... 3 ( M )  
FORCE UNIT CHOICE ..... 3 ( KN )  
MAX PORE PRESSURE TABLE LENGTH..... 1  
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF . 0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES kPa  
Y-DISPLACEMENTS m  
ROTATIONS RADIANS  
BEAM AND SLAB MOMENTS kN\*m/m  
BEAM SHEAR FORCES kN/m  
ANCHOR FORCES kN/m  
AXIAL FORCES IN TRUSSES kN/m  
AXIAL FORCES SPRINGS kN/m  
Y-REACTIONS kN/m  
X-MOMENT REACTIONS kN\*m/m  
ETC.

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Exe Time : 8 June 2018 11:40:47

P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 304

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -10 0 1
7 : SOIL 0_L LeftWall_32 -10 0 1 0
8 : SOIL 0_R LeftWall_32 -10 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -10 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 1.5 28.5 0 23.08 45
34 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
35 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
36 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
37 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
38 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
39 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
40 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
41 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
42 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
43 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
44 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
45 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
46 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
47 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
48 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
49 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
50 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
51 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
52 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
53 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
54 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
55 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
56 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 14.8 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 15.2 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 15.6 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 16 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 16.4 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 16.8 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 17.2 0.4 0 50.4 45

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78 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
 79 : STRIP LeftWall\_32 1 1 18 0.4 0 50.4 45  
 80 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
 81 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
 82 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
 83 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
 84 : STRIP LeftWall\_32 1 1 20 0.4 0 50.4 45  
 85 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
 86 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
 87 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
 88 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
 89 : STRIP LeftWall\_32 1 1 22 0.4 0 50.4 45  
 90 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
 91 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
 92 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
 93 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
 94 : STRIP LeftWall\_32 1 1 24 0.4 0 50.4 45  
 95 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
 96 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
 97 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
 98 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
 99 : STRIP LeftWall\_32 1 1 26 0.4 0 50.4 45  
 100 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
 101 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
 102 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
 103 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
 104 : STRIP LeftWall\_32 1 1 28 0.4 0 50.4 45  
 105 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
 106 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
 107 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
 108 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
 109 : STRIP LeftWall\_32 2 2 0 0.4 0 1.68 45  
 110 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
 111 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
 112 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
 113 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
 114 : STRIP LeftWall\_32 2 2 2 0.4 0 18.48 45  
 115 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
 116 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
 117 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
 118 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
 119 : STRIP LeftWall\_32 2 2 4 0.4 0 35.28 45  
 120 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
 121 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
 122 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
 123 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
 124 : STRIP LeftWall\_32 2 2 6 0.4 0 50.4 45  
 125 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
 126 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
 127 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
 128 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
 129 : STRIP LeftWall\_32 2 2 8 0.4 0 50.4 45  
 130 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
 131 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
 132 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
 133 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
 134 : STRIP LeftWall\_32 2 2 10 0.4 0 50.4 45  
 135 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
 136 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
 137 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
 138 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
 139 : STRIP LeftWall\_32 2 2 12 0.4 0 50.4 45  
 140 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
 141 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
 142 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
 143 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
 144 : STRIP LeftWall\_32 2 2 14 0.4 0 50.4 45  
 145 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
 146 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
 147 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
 148 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
 149 : STRIP LeftWall\_32 2 2 16 0.4 0 50.4 45  
 150 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
 151 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
 152 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
 153 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
 154 : STRIP LeftWall\_32 2 2 18 0.4 0 50.4 45  
 155 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
 156 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
 157 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
 158 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
 159 : STRIP LeftWall\_32 2 2 20 0.4 0 50.4 45  
 160 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45  
 161 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 162 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 163 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 164 : STRIP LeftWall\_32 2 2 22 0.4 0 50.4 45  
 165 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 166 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 167 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 24.0 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 26.0 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 28.0 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 3 3 0.4 0.4 0 1.68 45  
 185 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 186 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 187 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 188 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 189 : STRIP LeftWall\_32 3 3 2.0 0.4 0 18.48 45  
 190 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 191 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 192 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 193 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 194 : STRIP LeftWall\_32 3 3 4.0 0.4 0 35.28 45  
 195 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 196 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 197 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 198 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 199 : STRIP LeftWall\_32 3 3 6.0 0.4 0 50.4 45  
 200 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 201 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 202 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 203 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 204 : STRIP LeftWall\_32 3 3 8.0 0.4 0 50.4 45  
 205 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 206 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 208 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 209 : STRIP LeftWall\_32 3 3 10.0 0.4 0 50.4 45  
 210 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 214 : STRIP LeftWall\_32 3 3 12.0 0.4 0 50.4 45  
 215 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 216 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 14.0 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 16.0 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 18.0 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 20.0 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 22.0 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 24.0 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 26.0 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 28.0 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 259 : STEP Stage1\_31  
 260 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 261 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 262 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 263 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 264 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 265 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 266 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 267 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 268 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 269 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 270 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32  
 271 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
 272 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
 273 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
 274 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
 275 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
 276 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
 277 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
 278 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
 279 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 280 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
 281 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 282 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
 283 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 284 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 286 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
 287 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 288 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
 289 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 290 : SETWALL LeftWall\_32  
 291 : GEOM 0 0  
 292 : WATER -0.5 0 -10 0 0  
 293 : ADD WallElement\_33  
 294 : ENDSTEP  
 295 : STEP Stage2\_446  
 296 : SETWALL LeftWall\_32  
 297 : GEOM 0 -2.42  
 298 : WATER -1.4 1.5 -10 0 0  
 299 : ENDSTEP  
 300 : STEP Stage3\_549  
 301 : SETWALL LeftWall\_32  
 302 : GEOM 0 -2.42  
 303 : WATER -1.4 1.5 -10 0 0  
 304 : ENDSTEP

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE
1	0.0000	0.0000 /	2	0.0000 -0.20000 /	3	0.0000 -0.40000 /	4	0.0000 -0.60000 /
5	0.0000	-0.80000 /	6	0.0000 -1.0000 /	7	0.0000 -1.2000 /	8	0.0000 -1.4000 /
9	0.0000	-1.6000 /	10	0.0000 -1.8000 /	11	0.0000 -2.0000 /	12	0.0000 -2.2000 /
13	0.0000	-2.4000 /	14	0.0000 -2.6000 /	15	0.0000 -2.8000 /	16	0.0000 -3.0000 /
17	0.0000	-3.2000 /	18	0.0000 -3.4000 /	19	0.0000 -3.6000 /	20	0.0000 -3.8000 /
21	0.0000	-4.0000 /	22	0.0000 -4.2000 /	23	0.0000 -4.4000 /	24	0.0000 -4.6000 /
25	0.0000	-4.8000 /	26	0.0000 -5.0000 /	27	0.0000 -5.2000 /	28	0.0000 -5.4000 /
29	0.0000	-5.6000 /	30	0.0000 -5.8000 /	31	0.0000 -6.0000 /	32	0.0000 -6.2000 /
33	0.0000	-6.4000 /	34	0.0000 -6.6000 /	35	0.0000 -6.8000 /	36	0.0000 -7.0000 /
37	0.0000	-7.2000 /	38	0.0000 -7.4000 /	39	0.0000 -7.6000 /	40	0.0000 -7.8000 /
41	0.0000	-8.0000 /	42	0.0000 -8.2000 /	43	0.0000 -8.4000 /	44	0.0000 -8.6000 /
45	0.0000	-8.8000 /	46	0.0000 -9.0000 /	47	0.0000 -9.2000 /	48	0.0000 -9.4000 /
49	0.0000	-9.6000 /	50	0.0000 -9.8000 /	51	0.0000 -10.000 /		

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```

ELEMENT GROUP NO. 1

```

0_L
5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage status
-----

```

- 1 active
- 2 active
- 3 active

material set no. 1

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 1.00000

```

material set no. 2

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 2.00000

```

material set no. 3

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 3.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000

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43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.1000	0.000	0.000	0.000	1.000



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ELEMENT GROUP NO. 2

0\_R  
5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status

- 1 active
- 2 active
- 3 active

material set no. 1

prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000

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43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33  
2 50 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

Exe Time : 8 June 2018 11:40:47

L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED



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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

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DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 9 VALUES



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PHASE DESCRIPTORS

STEP NO. 1

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	0.000	0.000
Z-WATER_TABLE	-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 1

STEP NO. 2

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-2.420	0.000
Z-WATER_TABLE	-1.400	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-2.420	0.000
Z-WATER_TABLE	-1.400	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.000	-10.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:40:47

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 23.0800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.76000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.12000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.48000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.84000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.20000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.56000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 8.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.7600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.1200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.800000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.200000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.600000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.2000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.5600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 38.6400000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 42.0000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 45.3600000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 48.7200000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000



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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 5258

NO. OF D.P.W FOR THIS AREA 6023  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6325E+05 RIMNOR= 0.000  
RENORM=0.1515E-27 REMNOR= 0.000 RATIO =0.4893E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.71 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6325E+05 RDR = 0.000  
RATIOT=0.4893E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 95 NODE 48 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 87 NODE 44 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6325E+05 RIMNOR= 0.000  
RENORM=0.1092E-29 REMNOR=0.4022E-54 RATIO =0.4155E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.71 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6325E+05 RDR = 0.000  
RATIOT=0.4155E-17 RATIOR= 0.000  
MAX UN=0.4808E-15 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.1511E-15 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6325E+05 RIMNOR= 0.000  
RENORM=0.7471E-30 REMNOR=0.9447E-54 RATIO =0.3437E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.71 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6325E+05 RDR = 0.000  
RATIOT=0.3437E-17 RATIOR= 0.000  
MAX UN=0.3473E-15 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.1316E-15 IEQ= 51 NODE 26 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:40:47

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775
Exe Time : 8 June 2018 11:40:47

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50
CURRENT TIME IS 1.0000

WALL2D ELEMENT

Table with 5 columns: EL, TA, TB, MA, MB. Contains a list of 50 element IDs and their corresponding values for each column.

ITER 0 RNORM = 0.000 RMNORM= 0.000
RINORM=0.6627E+05 RIMNOR=0.2475E-27
RENORM= 1292. REMNOR=0.9447E-54 RATIO =0.1396 TOLER =0.1000E-03 NOT CONVERGED
RFMAX = 43.33 RMMAX =0.4190E-14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
RDT =0.6627E+05 RDR =0.1000E-19
RATIOT=0.1396 RATIO= 0.000
MAX UN= 12.44 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F
MIN UN=-8.833 IEQ= 29 NODE 15 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000
RINORM=0.6627E+05 RIMNOR=0.2475E-27
RENORM= 0.8323 REMNOR=0.1847E-20 RATIO =0.3544E-02 TOLER =0.1000E-03 NOT CONVERGED
RFMAX = 43.33 RMMAX =0.4190E-14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19

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```
RDT =0.6627E+05 RDR =0.1000E-19
RATIOT=0.3544E-02 RATIO= 0.000
MAX UN=0.8838 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F
MIN UN=-.2195 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
```

```
ITER 3 RNORM = 0.000 RMNORM= 0.000
RINORM=0.6627E+05 RIMNOR=0.2475E-27
RENORM=0.3817E-04 REMNOR=0.1925E-21 RATIO =0.2400E-04 TOLER =0.1000E-03 CONVERGED !
RFMAX = 43.33 RMMAX =0.4190E-14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
RDT =0.6627E+05 RDR =0.1000E-19
RATIOT=0.2400E-04 RATIO= 0.000
MAX UN=0.1605E-09 IEQ= 9 NODE 5 DOF 1 Y-DISPL.F
MIN UN=-.4350E-02 IEQ= 37 NODE 19 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
```

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:40:47

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	8.6636951E-04	-2.6876597E-04	
2	8.1261632E-04	-2.6876597E-04	
3	7.5886313E-04	-2.6876597E-04	
4	7.0511076E-04	-2.6875354E-04	
5	6.5136668E-04	-2.6866653E-04	
6	5.9765798E-04	-2.6837211E-04	
7	5.4404475E-04	-2.6767405E-04	
8	4.9063217E-04	-2.6631876E-04	
9	4.3758145E-04	-2.6400034E-04	
10	3.8510877E-04	-2.6053091E-04	
11	3.3345285E-04	-2.5580501E-04	
12	2.8288554E-04	-2.4959747E-04	
13	2.3373542E-04	-2.4156661E-04	
14	1.8641078E-04	-2.3125752E-04	
15	1.4138692E-04	-2.1863086E-04	
16	9.9074376E-05	-2.0426511E-04	
17	5.9753297E-05	-1.8881009E-04	
18	2.3588452E-05	-1.7278042E-04	
19	-9.3476122E-06	-1.5658188E-04	
20	-3.9054341E-05	-1.4053395E-04	
21	-6.5587996E-05	-1.2489001E-04	
22	-8.9050585E-05	-1.0985170E-04	
23	-1.0957964E-04	-9.5577821E-05	
24	-1.2734084E-04	-8.2190889E-05	
25	-1.4252127E-04	-6.9783119E-05	
26	-1.5532383E-04	-5.8421467E-05	
27	-1.6596124E-04	-4.8131384E-05	
28	-1.7464683E-04	-3.8898821E-05	
29	-1.8158924E-04	-3.0693252E-05	
30	-1.8698968E-04	-2.3470945E-05	
31	-1.9103958E-04	-1.7178058E-05	
32	-1.9391877E-04	-1.1753311E-05	
33	-1.9579433E-04	-7.1301717E-06	
34	-1.9681963E-04	-3.2389865E-06	
35	-1.9713397E-04	-8.5591569E-09	
36	-1.9686236E-04	2.6323889E-06	
37	-1.9611564E-04	4.7539999E-06	
38	-1.9499085E-04	6.4243091E-06	
39	-1.9357167E-04	7.7083438E-06	
40	-1.9192917E-04	8.6674805E-06	
41	-1.9012253E-04	9.3588739E-06	
42	-1.8819997E-04	9.8350061E-06	
43	-1.8619971E-04	1.0143327E-05	
44	-1.8415102E-04	1.0325966E-05	
45	-1.8207528E-04	1.0419510E-05	
46	-1.7998711E-04	1.0454818E-05	
47	-1.7789557E-04	1.0456879E-05	
48	-1.7580531E-04	1.0444694E-05	
49	-1.7371778E-04	1.0431173E-05	
50	-1.7163249E-04	1.0423045E-05	
51	-1.6954813E-04	1.0420782E-05	





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33 D	29.31	1.9579E-04	119.8 101.3 119.8	101.3	V-C	4.6620E+04	-6.400	45.28	1.000	1.000
146.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
34 D	30.05	1.9682E-04	122.4 103.1 122.4	103.1	V-C	4.6620E+04	-6.600	47.09	1.000	1.000
150.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
35 D	30.77	1.9713E-04	125.9 105.0 125.9	105.0	V-C	4.6620E+04	-6.800	48.90	1.000	1.000
153.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
36 D	31.49	1.9686E-04	129.0 106.7 129.0	106.7	V-C	4.6620E+04	-7.000	50.71	1.000	1.000
157.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
37 D	32.20	1.9612E-04	132.0 108.5 132.0	108.5	V-C	4.6620E+04	-7.200	52.51	1.000	1.000
161.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
38 D	32.91	1.9499E-04	135.1 110.2 135.1	110.2	V-C	4.6620E+04	-7.400	54.32	1.000	1.000
164.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
39 D	33.61	1.9357E-04	138.5 111.9 138.5	111.9	V-C	4.6620E+04	-7.600	56.13	1.000	1.000
168.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
40 D	34.32	1.9193E-04	141.4 113.6 141.4	113.6	V-C	4.6620E+04	-7.800	57.94	1.000	1.000
171.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
41 D	35.02	1.9012E-04	144.4 115.3 144.4	115.3	V-C	4.6620E+04	-8.000	59.74	1.000	1.000
175.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
42 D	35.72	1.8820E-04	147.3 117.0 147.3	117.0	V-C	4.6620E+04	-8.200	61.55	1.000	1.000
178.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
43 D	36.41	1.8620E-04	150.6 118.7 150.6	118.7	V-C	4.6620E+04	-8.400	63.36	1.000	1.000
182.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
44 D	37.11	1.8415E-04	153.2 120.4 153.2	120.4	V-C	4.6620E+04	-8.600	65.17	1.000	1.000
185.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
45 D	37.81	1.8208E-04	156.5 122.1 156.5	122.1	V-C	4.6620E+04	-8.800	66.98	1.000	1.000
189.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
46 D	38.50	1.7999E-04	159.3 123.7 159.3	123.7	V-C	4.6620E+04	-9.000	68.78	1.000	1.000
192.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
47 D	39.20	1.7790E-04	162.6 125.4 162.6	125.4	V-C	4.6620E+04	-9.200	70.59	1.000	1.000
196.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
48 D	39.90	1.7581E-04	165.1 127.1 165.1	127.1	UL-RL	1.1686E+05	-9.400	72.40	1.000	1.000
199.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
49 D	40.59	1.7372E-04	168.3 128.7 168.3	128.8	UL-RL	1.1686E+05	-9.600	74.21	1.000	1.000
203.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
50 D	41.29	1.7163E-04	171.1 130.4 171.1	130.4	UL-RL	1.1686E+05	-9.800	76.01	1.000	1.000
206.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							
51 D	20.99	1.6955E-04	173.9 132.1 173.9	132.1	UL-RL	1.1686E+05	-10.00	77.82	1.000	1.000
209.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_							



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33 D	28.19	-1.9579E-04	48.53 102.6 75.08	114.0	UL-RL 5.8099E+04 -6.400 38.36 1.000 1.000
141.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.91	-1.9682E-04	50.78 104.0 77.52	115.4	UL-RL 5.8099E+04 -6.600 40.56 1.000 1.000
144.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.65	-1.9713E-04	53.02 105.5 79.96	116.9	UL-RL 5.8099E+04 -6.800 42.75 1.000 1.000
148.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.39	-1.9686E-04	55.27 107.0 82.40	118.5	UL-RL 5.8099E+04 -7.000 44.94 1.000 1.000
152.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.15	-1.9612E-04	57.52 108.6 84.84	120.0	UL-RL 5.8099E+04 -7.200 47.13 1.000 1.000
155.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.91	-1.9499E-04	59.77 110.2 87.28	121.5	UL-RL 5.8099E+04 -7.400 49.32 1.000 1.000
159.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.67	-1.9357E-04	62.02 111.9 89.72	123.1	UL-RL 5.8099E+04 -7.600 51.52 1.000 1.000
163.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.45	-1.9193E-04	64.26 113.5 92.16	124.7	UL-RL 5.8099E+04 -7.800 53.71 1.000 1.000
167.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	34.22	-1.9012E-04	66.51 115.2 94.60	126.3	UL-RL 5.8099E+04 -8.000 55.90 1.000 1.000
171.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	35.01	-1.8820E-04	68.76 116.9 97.04	127.9	UL-RL 5.8099E+04 -8.200 58.09 1.000 1.000
175.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.79	-1.8620E-04	71.01 118.7 99.48	129.5	UL-RL 5.8099E+04 -8.400 60.29 1.000 1.000
178.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.58	-1.8415E-04	73.25 120.4 101.9	131.1	UL-RL 5.8099E+04 -8.600 62.48 1.000 1.000
182.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.36	-1.8208E-04	75.50 122.2 104.4	132.7	UL-RL 5.8099E+04 -8.800 64.67 1.000 1.000
186.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	38.16	-1.7999E-04	77.75 123.9 106.8	134.4	UL-RL 5.8099E+04 -9.000 66.86 1.000 1.000
190.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.95	-1.7790E-04	80.00 125.7 109.2	136.0	UL-RL 5.8099E+04 -9.200 69.05 1.000 1.000
194.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.74	-1.7581E-04	82.25 127.5 111.7	137.7	UL-RL 5.8099E+04 -9.400 71.25 1.000 1.000
198.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.54	-1.7372E-04	84.49 129.2 114.1	139.3	UL-RL 5.8099E+04 -9.600 73.44 1.000 1.000
202.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.33	-1.7163E-04	86.74 131.0 116.6	141.0	UL-RL 5.8099E+04 -9.800 75.63 1.000 1.000
206.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	21.06	-1.6955E-04	88.99 132.8 119.0	142.7	UL-RL 5.8099E+04 -10.00 77.82 1.000 1.000
210.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:40:47

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-4.66117E-12	4.66117E-12	-5.47118E-13	-5.95293E-11
2	-1.44382E-11	1.44382E-11	5.74687E-11	-2.05773E-11
3	0.39318	-0.39318	2.02292E-11	7.86359E-02
4	1.9667	-1.9667	-7.86359E-02	0.47198
5	4.5957	-4.5957	-0.47198	1.3911
6	8.1756	-8.1756	-1.3911	3.0262
7	12.619	-12.619	-3.0262	5.5501
8	17.855	-17.855	-5.5501	9.1211
9	18.563	-18.563	-9.1211	12.834
10	21.192	-21.192	-12.834	17.072
11	25.688	-25.688	-17.072	22.210
12	32.002	-32.002	-22.210	28.610
13	40.082	-40.082	-28.610	36.627
14	33.247	-33.247	-36.627	43.276
15	21.778	-21.778	-43.276	47.632
16	12.684	-12.684	-47.632	50.168
17	5.5000	-5.5000	-50.168	51.268
18	-0.15708	0.15708	-51.268	51.237
19	-4.6081	4.6081	-51.237	50.315
20	-8.1716	8.1716	-50.315	48.681
21	-10.994	10.994	-48.681	46.482
22	-13.193	13.193	-46.482	43.844
23	-14.870	14.870	-43.844	40.870
24	-16.111	16.111	-40.870	37.648
25	-16.989	16.989	-37.648	34.250
26	-16.914	16.914	-34.250	30.867
27	-16.548	16.548	-30.867	27.557
28	-15.947	15.947	-27.557	24.368
29	-15.164	15.164	-24.368	21.335
30	-14.243	14.243	-21.335	18.487
31	-13.224	13.224	-18.487	15.842
32	-12.140	12.140	-15.842	13.414
33	-11.019	11.019	-13.414	11.210
34	-9.8872	9.8872	-11.210	9.2325
35	-8.7641	8.7641	-9.2325	7.4796
36	-7.6676	7.6676	-7.4796	5.9461
37	-6.6121	6.6121	-5.9461	4.6237
38	-5.6097	5.6097	-4.6237	3.5018
39	-4.6702	4.6702	-3.5018	2.5677
40	-3.8013	3.8013	-2.5677	1.8075
41	-3.0096	3.0096	-1.8075	1.2055
42	-2.3000	2.3000	-1.2055	0.74554
43	-1.6766	1.6766	-0.74554	0.41022
44	-1.1424	1.1424	-0.41022	0.18173
45	-0.70016	0.70016	-0.18173	4.17002E-02
46	-0.35177	0.35177	-4.17002E-02	-2.86545E-02
47	-9.89933E-02	9.89933E-02	2.86545E-02	-4.84531E-02
48	5.66981E-02	-5.66981E-02	4.84531E-02	-3.71135E-02
49	0.11397	-0.11397	3.71135E-02	-1.43194E-02
50	7.15951E-02	-7.15951E-02	1.43194E-02	-1.25500E-12

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.8389E+05 RIMNOR=0.6455E+05  
RENORM=0.3817E-04 REMNOR=0.1925E-21 RATIO =0.2133E-04 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 41.33 RMMAX = 51.27  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.8389E+05 RDR =0.6455E+05  
RATIOT=0.2133E-04 RATIOR= 0.000  
MAX UN=0.1605E-09 IEQ= 9 NODE 5 DOF 1 Y-DISPL.F  
MIN UN=-.4350E-02 IEQ= 37 NODE 19 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.8389E+05 RIMNOR=0.6455E+05  
RENORM=0.4883E-06 REMNOR=0.3494E-21 RATIO =0.2412E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 41.33 RMMAX = 51.27  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03

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RDT =0.8389E+05 RDR =0.6455E+05
RATIOT=0.2412E-05 RATIO= 0.000
MAX UN=0.8229E-10 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F
MIN UN=-.3638E-03 IEQ= 93 NODE 47 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
```

```
ITER 2 RNORM = 0.000 RMNORM= 0.000
RINORM=0.8389E+05 RIMNOR=0.6455E+05
RENORM=0.4900E-19 REMNOR=0.2446E-21 RATIO =0.7643E-12 TOLER =0.1000E-03 CONVERGED !
RFMAX = 41.33 RMMAX = 51.27
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT =0.8389E+05 RDR =0.6455E+05
RATIOT=0.7643E-12 RATIO= 0.000
MAX UN=0.1184E-09 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F
MIN UN=-.8884E-10 IEQ= 15 NODE 8 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
```

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:40:47

New Project  
SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	8.6636519E-04	-2.6876726E-04	
2	8.1261174E-04	-2.6876726E-04	
3	7.5885829E-04	-2.6876725E-04	
4	7.0510567E-04	-2.6875483E-04	
5	6.5136133E-04	-2.6866781E-04	
6	5.9765237E-04	-2.6837338E-04	
7	5.4403889E-04	-2.6767531E-04	
8	4.9062606E-04	-2.6632000E-04	
9	4.3757510E-04	-2.6400155E-04	
10	3.8510218E-04	-2.6053208E-04	
11	3.3344603E-04	-2.5580614E-04	
12	2.8287850E-04	-2.4959851E-04	
13	2.3372818E-04	-2.4156753E-04	
14	1.8640337E-04	-2.3125829E-04	
15	1.4137937E-04	-2.1863141E-04	
16	9.9066751E-05	-2.0426538E-04	
17	5.9745653E-05	-1.8880999E-04	
18	2.3580870E-05	-1.7277987E-04	
19	-9.3550300E-06	-1.5658077E-04	
20	-3.9061480E-05	-1.4053230E-04	
21	-6.5594760E-05	-1.2488795E-04	
22	-8.9056908E-05	-1.0984938E-04	
23	-1.0958548E-04	-9.5575359E-05	
24	-1.2734619E-04	-8.2188413E-05	
25	-1.4252613E-04	-6.9780747E-05	
26	-1.5532824E-04	-5.8419311E-05	
27	-1.6596525E-04	-4.8129550E-05	
28	-1.7465051E-04	-3.8897411E-05	
29	-1.8159269E-04	-3.0692361E-05	
30	-1.8699301E-04	-2.3470664E-05	
31	-1.9104292E-04	-1.7178473E-05	
32	-1.9392227E-04	-1.1754505E-05	
33	-1.9579815E-04	-7.1322218E-06	
34	-1.9682396E-04	-3.2419657E-06	
35	-1.9713899E-04	-1.2534667E-08	
36	-1.9686828E-04	2.6273559E-06	
37	-1.9612268E-04	4.7478554E-06	
38	-1.9499923E-04	6.4170077E-06	
39	-1.9358163E-04	7.6998504E-06	
40	-1.9194095E-04	8.6577721E-06	
41	-1.9013637E-04	9.3479418E-06	
42	-1.8821612E-04	9.8228588E-06	
43	-1.8621841E-04	1.0129992E-05	
44	-1.8417250E-04	1.0311496E-05	
45	-1.8209976E-04	1.0403981E-05	
46	-1.8001479E-04	1.0438340E-05	
47	-1.7792663E-04	1.0439594E-05	
48	-1.7583989E-04	1.0426784E-05	
49	-1.7375599E-04	1.0412856E-05	
50	-1.7167439E-04	1.0404540E-05	
51	-1.6959374E-04	1.0402232E-05	





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33 D	29.31	1.9580E-04	119.8 101.3 119.8	101.3	V-C 4.6620E+04 -6.400 45.28 1.000 1.000
146.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	30.05	1.9682E-04	122.4 103.1 122.4	103.1	V-C 4.6620E+04 -6.600 47.09 1.000 1.000
150.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.77	1.9714E-04	125.9 105.0 125.9	105.0	V-C 4.6620E+04 -6.800 48.90 1.000 1.000
153.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	31.49	1.9687E-04	129.0 106.7 129.0	106.7	V-C 4.6620E+04 -7.000 50.71 1.000 1.000
157.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	32.20	1.9612E-04	132.0 108.5 132.0	108.5	V-C 4.6620E+04 -7.200 52.51 1.000 1.000
161.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	32.91	1.9500E-04	135.1 110.2 135.1	110.2	V-C 4.6620E+04 -7.400 54.32 1.000 1.000
164.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	33.61	1.9358E-04	138.5 111.9 138.5	111.9	V-C 4.6620E+04 -7.600 56.13 1.000 1.000
168.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	34.32	1.9194E-04	141.4 113.6 141.4	113.6	V-C 4.6620E+04 -7.800 57.94 1.000 1.000
171.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	35.02	1.9014E-04	144.4 115.3 144.4	115.3	V-C 4.6620E+04 -8.000 59.74 1.000 1.000
175.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	35.72	1.8822E-04	147.3 117.0 147.3	117.0	V-C 4.6620E+04 -8.200 61.55 1.000 1.000
178.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	36.41	1.8622E-04	150.6 118.7 150.6	118.7	V-C 4.6620E+04 -8.400 63.36 1.000 1.000
182.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	37.11	1.8417E-04	153.2 120.4 153.2	120.4	V-C 4.6620E+04 -8.600 65.17 1.000 1.000
185.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.81	1.8210E-04	156.5 122.1 156.5	122.1	V-C 4.6620E+04 -8.800 66.98 1.000 1.000
189.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	38.50	1.8001E-04	159.3 123.7 159.3	123.7	V-C 4.6620E+04 -9.000 68.78 1.000 1.000
192.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	39.20	1.7793E-04	162.6 125.4 162.6	125.4	V-C 4.6620E+04 -9.200 70.59 1.000 1.000
196.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.90	1.7584E-04	165.1 127.1 165.1	127.1	UL-RL 1.1686E+05 -9.400 72.40 1.000 1.000
199.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.59	1.7376E-04	168.3 128.8 168.3	128.8	UL-RL 1.1686E+05 -9.600 74.21 1.000 1.000
203.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.29	1.7167E-04	171.1 130.4 171.1	130.4	UL-RL 1.1686E+05 -9.800 76.01 1.000 1.000
206.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.99	1.6959E-04	173.9 132.1 173.9	132.1	UL-RL 1.1686E+05 -10.00 77.82 1.000 1.000
209.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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33 D	28.19	-1.9580E-04	48.53 102.6 75.08	114.0	UL-RL 5.8099E+04 -6.400 38.36 1.000 1.000
141.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.91	-1.9682E-04	50.78 104.0 77.52	115.4	UL-RL 5.8099E+04 -6.600 40.56 1.000 1.000
144.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.65	-1.9714E-04	53.02 105.5 79.96	116.9	UL-RL 5.8099E+04 -6.800 42.75 1.000 1.000
148.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.39	-1.9687E-04	55.27 107.0 82.40	118.5	UL-RL 5.8099E+04 -7.000 44.94 1.000 1.000
152.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.15	-1.9612E-04	57.52 108.6 84.84	120.0	UL-RL 5.8099E+04 -7.200 47.13 1.000 1.000
155.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.91	-1.9500E-04	59.77 110.2 87.28	121.5	UL-RL 5.8099E+04 -7.400 49.32 1.000 1.000
159.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.67	-1.9358E-04	62.02 111.9 89.72	123.1	UL-RL 5.8099E+04 -7.600 51.52 1.000 1.000
163.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.45	-1.9194E-04	64.26 113.5 92.16	124.7	UL-RL 5.8099E+04 -7.800 53.71 1.000 1.000
167.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	34.22	-1.9014E-04	66.51 115.2 94.60	126.3	UL-RL 5.8099E+04 -8.000 55.90 1.000 1.000
171.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	35.01	-1.8822E-04	68.76 116.9 97.04	127.9	UL-RL 5.8099E+04 -8.200 58.09 1.000 1.000
175.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.79	-1.8622E-04	71.01 118.7 99.48	129.5	UL-RL 5.8099E+04 -8.400 60.29 1.000 1.000
178.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.58	-1.8417E-04	73.25 120.4 101.9	131.1	UL-RL 5.8099E+04 -8.600 62.48 1.000 1.000
182.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.36	-1.8210E-04	75.50 122.2 104.4	132.7	UL-RL 5.8099E+04 -8.800 64.67 1.000 1.000
186.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	38.16	-1.8001E-04	77.75 123.9 106.8	134.4	UL-RL 5.8099E+04 -9.000 66.86 1.000 1.000
190.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.95	-1.7793E-04	80.00 125.7 109.2	136.0	UL-RL 5.8099E+04 -9.200 69.05 1.000 1.000
194.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.74	-1.7584E-04	82.25 127.5 111.7	137.7	UL-RL 5.8099E+04 -9.400 71.25 1.000 1.000
198.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.53	-1.7376E-04	84.49 129.2 114.1	139.3	UL-RL 5.8099E+04 -9.600 73.44 1.000 1.000
202.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.33	-1.7167E-04	86.74 131.0 116.6	141.0	UL-RL 5.8099E+04 -9.800 75.63 1.000 1.000
206.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	21.06	-1.6959E-04	88.99 132.8 119.0	142.7	UL-RL 5.8099E+04 -10.00 77.82 1.000 1.000
210.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time : 8 June 2018 11:40:47

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	4.04672E-06	-4.04672E-06	1.51118E-12	8.09282E-07
2	1.77685E-05	-1.77685E-05	-8.09276E-07	4.36301E-06
3	0.39321	-0.39321	-4.36301E-06	7.86467E-02
4	1.9668	-1.9668	-7.86467E-02	0.47200
5	4.5958	-4.5958	-0.47200	1.3912
6	8.1757	-8.1757	-1.3912	3.0263
7	12.619	-12.619	-3.0263	5.5502
8	17.855	-17.855	-5.5502	9.1212
9	18.563	-18.563	-9.1212	12.834
10	21.192	-21.192	-12.834	17.072
11	25.689	-25.689	-17.072	22.210
12	32.003	-32.003	-22.210	28.611
13	40.083	-40.083	-28.611	36.627
14	33.248	-33.248	-36.627	43.277
15	21.779	-21.779	-43.277	47.633
16	12.686	-12.686	-47.633	50.170
17	5.5016	-5.5016	-50.170	51.270
18	-0.15528	0.15528	-51.270	51.239
19	-4.6104	4.6104	-51.239	50.317
20	-8.1739	8.1739	-50.317	48.682
21	-10.996	10.996	-48.682	46.483
22	-13.195	13.195	-46.483	43.844
23	-14.872	14.872	-43.844	40.870
24	-16.113	16.113	-40.870	37.647
25	-16.991	16.991	-37.647	34.249
26	-16.916	16.916	-34.249	30.866
27	-16.549	16.549	-30.866	27.556
28	-15.948	15.948	-27.556	24.366
29	-15.165	15.165	-24.366	21.333
30	-14.245	14.245	-21.333	18.484
31	-13.225	13.225	-18.484	15.839
32	-12.141	12.141	-15.839	13.411
33	-11.021	11.021	-13.411	11.207
34	-9.8882	9.8882	-11.207	9.2292
35	-8.7650	8.7650	-9.2292	7.4762
36	-7.6684	7.6684	-7.4762	5.9425
37	-6.6128	6.6128	-5.9425	4.6200
38	-5.6102	5.6102	-4.6200	3.4979
39	-4.6704	4.6704	-3.4979	2.5639
40	-3.8013	3.8013	-2.5639	1.8036
41	-3.0093	3.0093	-1.8036	1.2017
42	-2.2994	2.2994	-1.2017	0.74184
43	-1.6756	1.6756	-0.74184	0.40673
44	-1.1410	1.1410	-0.40673	0.17853
45	-0.69819	0.69819	-0.17853	3.88921E-02
46	-0.34922	0.34922	-3.88921E-02	3.09527E-02
47	-9.57934E-02	9.57934E-02	3.09527E-02	5.01114E-02
48	6.04309E-02	-6.04309E-02	5.01114E-02	3.80252E-02
49	0.11711	-0.11711	3.80252E-02	1.46034E-02
50	7.30151E-02	-7.30151E-02	1.46034E-02	8.04967E-13

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	3
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.14 [sec]

DATABASE CREATION CPU TIME..... 0.08 [sec]

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## Design Assumption : A2+M2+R1 - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:40:47

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.A2M2R1\_3805

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	51
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	102
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	304
NO. OF LONG NAMES (LASTNAME) .....	15
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 304

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -10 0 1
7 : SOIL 0_L LeftWall_32 -10 0 1 0
8 : SOIL 0_R LeftWall_32 -10 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -10 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 1.5 28.5 0 26 45
34 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
35 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
36 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
37 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
38 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
39 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
40 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
41 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
42 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
43 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
44 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
45 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
46 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
47 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
48 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
49 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
50 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
51 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
52 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
53 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
54 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
55 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
56 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 14.8 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 15.2 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 15.6 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 16 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 16.4 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 16.8 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 17.2 0.4 0 50.4 45

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78 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
79 : STRIP LeftWall\_32 1 1 18.0 0.4 0 50.4 45  
80 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
81 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
82 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
83 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
84 : STRIP LeftWall\_32 1 1 20.0 0.4 0 50.4 45  
85 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
86 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
87 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
88 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
89 : STRIP LeftWall\_32 1 1 22.0 0.4 0 50.4 45  
90 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
91 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
92 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
93 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
94 : STRIP LeftWall\_32 1 1 24.0 0.4 0 50.4 45  
95 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
96 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
97 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
98 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
99 : STRIP LeftWall\_32 1 1 26.0 0.4 0 50.4 45  
100 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
101 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
102 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
103 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
104 : STRIP LeftWall\_32 1 1 28.0 0.4 0 50.4 45  
105 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
106 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
107 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
108 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
109 : STRIP LeftWall\_32 2 2 0.4 0.4 0 1.68 45  
110 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
111 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
112 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
113 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
114 : STRIP LeftWall\_32 2 2 2.0 0.4 0 18.48 45  
115 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
116 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
117 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
118 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
119 : STRIP LeftWall\_32 2 2 4.0 0.4 0 35.28 45  
120 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
121 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
122 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
123 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
124 : STRIP LeftWall\_32 2 2 6.0 0.4 0 50.4 45  
125 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
126 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
127 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
128 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
129 : STRIP LeftWall\_32 2 2 8.0 0.4 0 50.4 45  
130 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
131 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
132 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
133 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
134 : STRIP LeftWall\_32 2 2 10.0 0.4 0 50.4 45  
135 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
136 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
137 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
138 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
139 : STRIP LeftWall\_32 2 2 12.0 0.4 0 50.4 45  
140 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
141 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
142 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
143 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
144 : STRIP LeftWall\_32 2 2 14.0 0.4 0 50.4 45  
145 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
146 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
147 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
148 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
149 : STRIP LeftWall\_32 2 2 16.0 0.4 0 50.4 45  
150 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
151 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
152 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
153 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
154 : STRIP LeftWall\_32 2 2 18.0 0.4 0 50.4 45  
155 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
156 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
157 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
158 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
159 : STRIP LeftWall\_32 2 2 20.0 0.4 0 50.4 45  
160 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45  
161 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
162 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
163 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
164 : STRIP LeftWall\_32 2 2 22.0 0.4 0 50.4 45  
165 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
166 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
167 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 24.0 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 26.0 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 28.0 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 3 3 0.4 0.4 0 1.68 45  
 185 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 186 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 187 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 188 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 189 : STRIP LeftWall\_32 3 3 2.0 0.4 0 18.48 45  
 190 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 191 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 192 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 193 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 194 : STRIP LeftWall\_32 3 3 4.0 0.4 0 35.28 45  
 195 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 196 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 197 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 198 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 199 : STRIP LeftWall\_32 3 3 6.0 0.4 0 50.4 45  
 200 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 201 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 202 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 203 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 204 : STRIP LeftWall\_32 3 3 8.0 0.4 0 50.4 45  
 205 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 206 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 208 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 209 : STRIP LeftWall\_32 3 3 10.0 0.4 0 50.4 45  
 210 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 214 : STRIP LeftWall\_32 3 3 12.0 0.4 0 50.4 45  
 215 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 216 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 14.0 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 16.0 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 18.0 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 20.0 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 22.0 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 24.0 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 26.0 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 28.0 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 259 : STEP Stage1\_31  
 260 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=18.76 LeftWall\_32  
 261 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=18.76 LeftWall\_32  
 262 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.449 LeftWall\_32  
 263 : CHANGE Riporto\_2\_8\_L\_0 U-KP=2.415 LeftWall\_32  
 264 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.449 LeftWall\_32  
 265 : CHANGE Riporto\_2\_8\_L\_0 D-KP=2.415 LeftWall\_32  
 266 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=31.08 LeftWall\_32  
 267 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=31.08 LeftWall\_32  
 268 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.267 LeftWall\_32  
 269 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=4.957 LeftWall\_32  
 270 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.267 LeftWall\_32  
 271 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=4.957 LeftWall\_32  
 272 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=31.08 LeftWall\_32  
 273 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=31.08 LeftWall\_32  
 274 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.267 LeftWall\_32  
 275 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=4.957 LeftWall\_32  
 276 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.267 LeftWall\_32  
 277 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=4.957 LeftWall\_32  
 278 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=4 LeftWall\_32  
 279 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 280 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=4 LeftWall\_32  
 281 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 282 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=8 LeftWall\_32  
 283 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 284 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=8 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 286 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=16 LeftWall\_32  
 287 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 288 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=16 LeftWall\_32  
 289 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 290 : SETWALL LeftWall\_32  
 291 : GEOM 0 0  
 292 : WATER -0.5 0 -10 0 0  
 293 : ADD WallElement\_33  
 294 : ENDSTEP  
 295 : STEP Stage2\_446  
 296 : SETWALL LeftWall\_32  
 297 : GEOM 0 -2.42  
 298 : WATER -1.4 1.5 -10 0 0  
 299 : ENDSTEP  
 300 : STEP Stage3\_549  
 301 : SETWALL LeftWall\_32  
 302 : GEOM 0 -2.42  
 303 : WATER -1.4 1.5 -10 0 0  
 304 : ENDSTEP

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE					
1	0.0000	0.0000 /	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/	
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.000	/				

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                NewProject.BaseDesignSection_28.A2M2R1_3805
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```

ELEMENT GROUP NO. 1

```

0_L
5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage  status
-----

```

```

1  active
2  active
3  active

```

material set no. 1

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 1.00000

```

material set no. 2

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 2.00000

```

material set no. 3

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 3.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000

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43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.1000	0.000	0.000	0.000	1.000



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ELEMENT GROUP NO. 2

0\_R  
5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000

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43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.1000	0.000	0.000	0.000	2.000



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```

ELEMENT GROUP NO.  3

WallElement_33
  2 50 0 1 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

```

```

.....2D WALL ELEMENT.....

```

element group behaviour throughout stage analysis

```

stage  status
-----
  1  active
  2  active
  3  active

```

material set no. 1

```

prop( 1) young modulus      0.314800E+08
prop( 2) modification time  0.00000
prop( 3) new young modulus  0.00000
prop( 4) poisson ratio      0.00000
prop( 5) future .....      0.00000

```

no. of step variable items: 1

```

step  inertia multiplier
-----
  1  1.000
  2  1.000
  3  1.000

```

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2



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ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	

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ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1

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ITEM NO. 59<math>D-FRICT <math>= 37.000 WALL NO. 2  
ITEM NO. 60<math>D-KA <math>= 0.26700 WALL NO. 1  
ITEM NO. 61<math>D-KP <math>= 4.9570 WALL NO. 1  
ITEM NO. 77<math>D-PERM <math>= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1<math>NAME <math>= 12.000 (BOTH WALLS)  
ITEM NO. 2<math>NATURE <math>= 1.0000 (BOTH WALLS)  
ITEM NO. 3<math>LEVEL <math>= -5.0000 (BOTH WALLS)  
ITEM NO. 4<math>WALL <math>= 1.0000 (BOTH WALLS)  
ITEM NO. 5<math>GAMMAD <math>= 21.400 (BOTH WALLS)  
ITEM NO. 6<math>GAMMAB <math>= 12.200 (BOTH WALLS)  
ITEM NO. 7<math>GAMMAW <math>= 10.000 (BOTH WALLS)  
ITEM NO. 8<math>U-COHE <math>= 16.000 WALL NO. 1  
ITEM NO. 8<math>U-COHE <math>= 20.000 WALL NO. 2  
ITEM NO. 9<math>U-FRICT <math>= 31.080 WALL NO. 1  
ITEM NO. 9<math>U-FRICT <math>= 37.000 WALL NO. 2  
ITEM NO. 10<math>U-KA <math>= 0.26700 WALL NO. 1  
ITEM NO. 11<math>U-KP <math>= 4.9570 WALL NO. 1  
ITEM NO. 12<math>K0-NC <math>= 0.76000 (BOTH WALLS)  
ITEM NO. 13<math>NEXP <math>= 2.0000 (BOTH WALLS)  
ITEM NO. 14<math>OCR <math>= 1.0000 (BOTH WALLS)  
ITEM NO. 16<math>MODEL <math>= 1.0000 (BOTH WALLS)  
ITEM NO. 17<math>EVC <math>= 75000. (BOTH WALLS)  
ITEM NO. 18<math>EUR <math>= 0.18800E+06 (BOTH WALLS)  
ITEM NO. 27<math>U-PERM <math>= 0.10000E-04 (BOTH WALLS)  
ITEM NO. 52<math>D-NATURE<math>= 1.0000 (BOTH WALLS)  
ITEM NO. 53<math>D-LEVEL <math>= 0.0000 (BOTH WALLS)  
ITEM NO. 58<math>D-COHE <math>= 16.000 WALL NO. 1  
ITEM NO. 58<math>D-COHE <math>= 20.000 WALL NO. 2  
ITEM NO. 59<math>D-FRICT <math>= 31.080 WALL NO. 1  
ITEM NO. 59<math>D-FRICT <math>= 37.000 WALL NO. 2  
ITEM NO. 60<math>D-KA <math>= 0.26700 WALL NO. 1  
ITEM NO. 61<math>D-KP <math>= 4.9570 WALL NO. 1  
ITEM NO. 77<math>D-PERM <math>= 0.10000E-04 (BOTH WALLS)

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 9 VALUES



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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 1			

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-2.420	0.000
Z-WATER_TABLE		-1.400	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 2			

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-2.420	0.000
Z-WATER_TABLE	-1.400	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.000	-10.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000

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NewProject.BaseDesignSection\_28.A2M2R1\_3805

Exe Time : 8 June 2018 11:40:47

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 26.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 11.76000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 15.12000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.48000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.84000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.20000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.56000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 45.3600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 48.7200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.400000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.800000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.200000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.600000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.000000000000000  
 FOUNDATION WIDTH (B) 0.40000000000000000  
 ZETA-F..... 0.00000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 38.6400000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 42.0000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 45.3600000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 48.7200000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.600000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.400000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.800000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.200000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.600000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 5258

NO. OF D.P.W FOR THIS AREA 6023  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6419E+05 RIMNOR= 0.000  
RENORM=0.1144E-27 REMNOR= 0.000 RATIO =0.4221E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.89 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6419E+05 RDR = 0.000  
RATIOT=0.4221E-16 RATIOR= 0.000  
MAX UN=0.3553E-14 IEQ= 47 NODE 24 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 37 NODE 19 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6419E+05 RIMNOR= 0.000  
RENORM=0.3262E-29 REMNOR=0.8589E-54 RATIO =0.7129E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.89 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6419E+05 RDR = 0.000  
RATIOT=0.7129E-17 RATIOR= 0.000  
MAX UN=0.3581E-27 IEQ= 84 NODE 42 DOF 2 X-ROT. F  
MIN UN=-.4251E-15 IEQ= 95 NODE 48 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6419E+05 RIMNOR= 0.000  
RENORM=0.3085E-29 REMNOR=0.4378E-53 RATIO =0.6933E-17 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.89 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6419E+05 RDR = 0.000  
RATIOT=0.6933E-17 RATIOR= 0.000  
MAX UN=0.7699E-27 IEQ= 100 NODE 50 DOF 2 X-ROT. F  
MIN UN=-.4427E-15 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805

Exe Time : 8 June 2018 11:40:47

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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33 D	28.57	-1.2148E-20	75.08 83.83 75.08	83.83	V-C 6.3546E+04 -6.400 59.00 1.000 1.000
142.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	29.30	-1.2975E-20	77.52 85.48 77.52	85.48	V-C 6.3546E+04 -6.600 61.00 1.000 1.000
146.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.02	-1.3919E-20	79.96 87.12 79.96	87.12	V-C 6.3546E+04 -6.800 63.00 1.000 1.000
150.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.75	-1.4962E-20	82.40 88.76 82.40	88.76	V-C 6.3546E+04 -7.000 65.00 1.000 1.000
153.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.48	-1.6082E-20	84.84 90.39 84.84	90.39	V-C 6.3546E+04 -7.200 67.00 1.000 1.000
157.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	32.20	-1.7255E-20	87.28 92.02 87.28	92.02	V-C 6.3546E+04 -7.400 69.00 1.000 1.000
161.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.93	-1.8452E-20	89.72 93.64 89.72	93.64	V-C 6.3546E+04 -7.600 71.00 1.000 1.000
164.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.65	-1.9644E-20	92.16 95.27 92.16	95.27	V-C 6.3546E+04 -7.800 73.00 1.000 1.000
168.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	34.38	-2.0793E-20	94.60 96.89 94.60	96.89	V-C 6.3546E+04 -8.000 75.00 1.000 1.000
171.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	35.10	-2.1862E-20	97.04 98.51 97.04	98.51	V-C 6.3546E+04 -8.200 77.00 1.000 1.000
175.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.83	-2.2807E-20	99.48 100.1 99.48	100.1	V-C 6.3546E+04 -8.400 79.00 1.000 1.000
179.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.55	-2.3597E-20	101.9 101.7 101.9	101.7	V-C 6.3546E+04 -8.600 81.00 1.000 1.000
182.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.27	-2.4254E-20	104.4 103.4 104.4	103.4	V-C 6.3546E+04 -8.800 83.00 1.000 1.000
186.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	38.00	-2.4813E-20	106.8 105.0 106.8	105.0	V-C 6.3546E+04 -9.000 85.00 1.000 1.000
190.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.72	-2.5303E-20	109.2 106.6 109.2	106.6	V-C 6.3546E+04 -9.200 87.00 1.000 1.000
193.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.44	-2.5747E-20	111.7 108.2 111.7	108.2	V-C 6.3546E+04 -9.400 89.00 1.000 1.000
197.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.16	-2.6165E-20	114.1 109.8 114.1	109.8	V-C 6.3546E+04 -9.600 91.00 1.000 1.000
200.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	40.89	-2.6570E-20	116.6 111.4 116.6	111.4	V-C 6.3546E+04 -9.800 93.00 1.000 1.000
204.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.81	-2.6972E-20	119.0 113.1 119.0	113.1	V-C 6.3546E+04 -10.00 95.00 1.000 1.000
208.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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 PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*  
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 NewProject.BaseDesignSection\_28.A2M2R1\_3805  
 Exe Time : 8 June 2018 11:40:47  
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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
 CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	4.42884E-17	-4.42884E-17	6.34540E-29	8.85769E-18
2	1.31476E-16	-1.31476E-16	-8.85769E-18	3.51528E-17
3	2.17272E-16	-2.17272E-16	-3.51528E-17	7.86072E-17
4	3.01674E-16	-3.01674E-16	-7.86072E-17	1.38942E-16
5	3.84674E-16	-3.84674E-16	-1.38942E-16	2.15877E-16
6	4.66259E-16	-4.66259E-16	-2.15877E-16	3.09129E-16
7	5.46412E-16	-5.46412E-16	-3.09129E-16	4.18411E-16
8	-2.63069E-16	2.63069E-16	-4.18411E-16	3.65797E-16
9	-2.55865E-17	2.55865E-17	-3.65797E-16	3.60680E-16
10	2.07216E-16	-2.07216E-16	-3.60680E-16	4.02123E-16
11	4.35215E-16	-4.35215E-16	-4.02123E-16	4.89166E-16
12	6.58276E-16	-6.58276E-16	-4.89166E-16	6.20822E-16
13	8.76266E-16	-8.76266E-16	-6.20822E-16	7.96075E-16
14	1.08906E-15	-1.08906E-15	-7.96075E-16	1.01389E-15
15	1.29655E-15	-1.29655E-15	-1.01389E-15	1.27320E-15
16	1.49866E-15	-1.49866E-15	-1.27320E-15	1.57293E-15
17	1.69537E-15	-1.69537E-15	-1.57293E-15	1.91200E-15
18	1.88672E-15	-1.88672E-15	-1.91200E-15	2.28935E-15
19	-5.03260E-15	5.03260E-15	-2.28935E-15	1.28283E-15
20	-4.85155E-15	4.85155E-15	-1.28283E-15	3.12523E-16
21	-4.67523E-15	4.67523E-15	-3.12523E-16	6.22522E-16
22	-4.50322E-15	4.50322E-15	-6.22522E-16	1.52317E-15
23	-4.33500E-15	4.33500E-15	-1.52317E-15	2.39017E-15
24	-6.17201E-16	6.17201E-16	-2.39017E-15	2.51361E-15
25	-4.54484E-16	4.54484E-16	-2.51361E-15	2.60450E-15
26	-2.52973E-16	2.52973E-16	-2.60450E-15	2.65510E-15
27	-5.21577E-17	5.21577E-17	-2.65510E-15	2.66553E-15
28	1.49240E-16	-1.49240E-16	2.66553E-15	-2.63568E-15
29	3.52558E-16	-3.52558E-16	2.63568E-15	-2.56517E-15
30	5.59170E-16	-5.59170E-16	2.56517E-15	-2.45334E-15
31	7.70449E-16	-7.70449E-16	2.45334E-15	-2.29925E-15
32	9.87747E-16	-9.87747E-16	2.29925E-15	-2.10170E-15
33	1.21236E-15	-1.21236E-15	2.10170E-15	-1.85923E-15
34	1.44551E-15	-1.44551E-15	1.85923E-15	-1.57012E-15
35	1.68831E-15	-1.68831E-15	1.57012E-15	-1.23246E-15
36	1.94177E-15	-1.94177E-15	1.23246E-15	-8.44109E-16
37	2.20677E-15	-2.20677E-15	8.44109E-16	-4.02756E-16
38	2.48403E-15	-2.48403E-15	4.02756E-16	9.40496E-17
39	2.77415E-15	-2.77415E-15	9.40496E-17	6.48880E-16
40	3.07760E-15	-3.07760E-15	6.48880E-16	1.26440E-15
41	3.39470E-15	-3.39470E-15	1.26440E-15	1.94334E-15
42	3.72567E-15	-3.72567E-15	1.94334E-15	2.68847E-15
43	3.03478E-15	-3.03478E-15	2.68847E-15	2.08152E-15
44	-2.67577E-15	2.67577E-15	-2.08152E-15	1.54637E-15
45	-2.30271E-15	2.30271E-15	-1.54637E-15	1.08582E-15
46	-1.91565E-15	1.91565E-15	-1.08582E-15	7.02695E-16
47	-1.51463E-15	1.51463E-15	-7.02695E-16	3.99770E-16
48	-1.09970E-15	1.09970E-15	-3.99770E-16	1.79830E-16
49	-6.70899E-16	6.70899E-16	-1.79830E-16	4.56506E-17
50	-2.28247E-16	2.28247E-16	-4.56506E-17	5.49047E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.6654E+05 RIMNOR=0.2253E-27  
 RENORM= 1200. REMNOR=0.4378E-53 RATIO =0.1343 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 43.50 RMMAX =0.2688E-14  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
 RDT =0.6654E+05 RDR =0.1000E-19  
 RATIOT=0.1343 RATIOR= 0.000  
 MAX UN= 12.68 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
 MIN UN=-5.130 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.6654E+05 RIMNOR=0.2253E-27  
 RENORM= 1.589 REMNOR=0.3289E-20 RATIO =0.4887E-02 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 43.50 RMMAX =0.2688E-14  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-19

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RDT =0.6654E+05 RDR =0.1000E-19  
RATIOT=0.4887E-02 RATIO= 0.000  
MAX UN= 1.098 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.1329 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6654E+05 RIMNOR=0.2253E-27  
RENORM=0.3699E-03 REMNOR=0.3394E-21 RATIO =0.7455E-04 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 43.50 RMMAX =0.2688E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.6654E+05 RDR =0.1000E-19  
RATIOT=0.7455E-04 RATIO= 0.000  
MAX UN=0.2021E-09 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.1640E-01 IEQ= 41 NODE 21 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:40:47

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	1.0487563E-03	-2.9742405E-04	
2	9.8927149E-04	-2.9742405E-04	
3	9.2978668E-04	-2.9742405E-04	
4	8.7030225E-04	-2.9741827E-04	
5	8.1082310E-04	-2.9735653E-04	
6	7.5137159E-04	-2.9711560E-04	
7	6.9200138E-04	-2.9650685E-04	
8	6.3280987E-04	-2.9528273E-04	
9	5.7394939E-04	-2.9314209E-04	
10	5.1562622E-04	-2.8990364E-04	
11	4.5806559E-04	-2.8550034E-04	
12	4.0151421E-04	-2.7977522E-04	
13	3.4626181E-04	-2.7245547E-04	
14	2.9266404E-04	-2.6315545E-04	
15	2.4114180E-04	-2.5172285E-04	
16	1.9210273E-04	-2.3837277E-04	
17	1.4589702E-04	-2.2345444E-04	
18	1.0279607E-04	-2.0740597E-04	
19	6.2978996E-05	-1.9069200E-04	
20	2.6535897E-05	-1.7372853E-04	
21	-6.5181145E-06	-1.5685298E-04	
22	-3.6229041E-05	-1.4033615E-04	
23	-6.2690985E-05	-1.2439549E-04	
24	-8.6037259E-05	-1.0920515E-04	
25	-1.0643221E-04	-9.4902296E-05	
26	-1.2406439E-04	-8.1592626E-05	
27	-1.3913955E-04	-6.9338410E-05	
28	-1.5187142E-04	-5.8160278E-05	
29	-1.6247528E-04	-4.8056399E-05	
30	-1.7116423E-04	-3.9006292E-05	
31	-1.7814568E-04	-3.0974493E-05	
32	-1.8361874E-04	-2.3913766E-05	
33	-1.8777214E-04	-1.7767761E-05	
34	-1.9078264E-04	-1.2473676E-05	
35	-1.9281392E-04	-7.9642283E-06	
36	-1.9401598E-04	-4.1695330E-06	
37	-1.9452466E-04	-1.0186880E-06	
38	-1.9446166E-04	1.5589479E-06	
39	-1.9393468E-04	3.6325323E-06	
40	-1.9303780E-04	5.2688625E-06	
41	-1.9185205E-04	6.5315777E-06	
42	-1.9044609E-04	7.4805196E-06	
43	-1.8887705E-04	8.1712133E-06	
44	-1.8719143E-04	8.6544498E-06	
45	-1.8542607E-04	8.9759533E-06	
46	-1.8360915E-04	9.1761234E-06	
47	-1.8176138E-04	9.2898179E-06	
48	-1.7989704E-04	9.3461965E-06	
49	-1.7802517E-04	9.3685861E-06	
50	-1.7615072E-04	9.3743742E-06	
51	-1.7427573E-04	9.3749170E-06	



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33 D	29.25	1.8777E-04	121.2 101.0 121.2	101.0	V-C 4.1150E+04 -6.400 45.28 1.000 1.000
146.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	29.99	1.9078E-04	123.8 102.9 123.8	102.9	V-C 4.1150E+04 -6.600 47.09 1.000 1.000
150.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.73	1.9281E-04	127.4 104.7 127.4	104.7	V-C 4.1150E+04 -6.800 48.90 1.000 1.000
153.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	31.46	1.9402E-04	130.5 106.6 130.5	106.6	V-C 4.1150E+04 -7.000 50.71 1.000 1.000
157.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	32.18	1.9452E-04	133.5 108.4 133.5	108.4	V-C 4.1150E+04 -7.200 52.51 1.000 1.000
160.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	32.89	1.9446E-04	136.5 110.2 136.5	110.2	V-C 4.1150E+04 -7.400 54.32 1.000 1.000
164.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	33.61	1.9393E-04	140.0 111.9 140.0	111.9	V-C 4.1150E+04 -7.600 56.13 1.000 1.000
168.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	34.31	1.9304E-04	143.0 113.6 143.0	113.6	V-C 4.1150E+04 -7.800 57.94 1.000 1.000
171.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	35.02	1.9185E-04	145.9 115.4 145.9	115.4	V-C 4.1150E+04 -8.000 59.74 1.000 1.000
175.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	35.72	1.9045E-04	148.9 117.1 148.9	117.1	V-C 4.1150E+04 -8.200 61.55 1.000 1.000
178.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	36.42	1.8888E-04	152.2 118.8 152.2	118.8	V-C 4.1150E+04 -8.400 63.36 1.000 1.000
182.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	37.12	1.8719E-04	154.7 120.5 154.7	120.5	V-C 4.1150E+04 -8.600 65.17 1.000 1.000
185.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.82	1.8543E-04	158.0 122.1 158.0	122.1	V-C 4.1150E+04 -8.800 66.98 1.000 1.000
189.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	38.52	1.8361E-04	160.9 123.8 160.9	123.8	V-C 4.1150E+04 -9.000 68.78 1.000 1.000
192.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	39.22	1.8176E-04	164.2 125.5 164.2	125.5	V-C 4.1150E+04 -9.200 70.59 1.000 1.000
196.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.92	1.7990E-04	166.7 127.2 166.7	127.2	V-C 4.1150E+04 -9.400 72.40 1.000 1.000
199.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.62	1.7803E-04	169.9 128.9 169.9	128.9	V-C 4.1150E+04 -9.600 74.21 1.000 1.000
203.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.32	1.7615E-04	172.7 130.6 172.7	130.6	UL-RL 1.0315E+05 -9.800 76.01 1.000 1.000
206.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	21.01	1.7428E-04	175.5 132.2 175.5	132.3	UL-RL 1.0315E+05 -10.00 77.82 1.000 1.000
210.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		





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33 D	28.21	-1.8777E-04	48.53 102.7 75.08	115.0	UL-RL 6.5822E+04 -6.400 38.36 1.000 1.000
141.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.90	-1.9078E-04	50.78 103.9 77.52	116.5	UL-RL 6.5822E+04 -6.600 40.56 1.000 1.000
144.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.61	-1.9281E-04	53.02 105.3 79.96	118.0	UL-RL 6.5822E+04 -6.800 42.75 1.000 1.000
148.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.33	-1.9402E-04	55.27 106.7 82.40	119.5	UL-RL 6.5822E+04 -7.000 44.94 1.000 1.000
151.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.07	-1.9452E-04	57.52 108.2 84.84	121.0	UL-RL 6.5822E+04 -7.200 47.13 1.000 1.000
155.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.82	-1.9446E-04	59.77 109.8 87.28	122.6	UL-RL 6.5822E+04 -7.400 49.32 1.000 1.000
159.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.57	-1.9393E-04	62.02 111.3 89.72	124.1	UL-RL 6.5822E+04 -7.600 51.52 1.000 1.000
162.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.34	-1.9304E-04	64.26 113.0 92.16	125.7	UL-RL 6.5822E+04 -7.800 53.71 1.000 1.000
166.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	34.11	-1.9185E-04	66.51 114.6 94.60	127.3	UL-RL 6.5822E+04 -8.000 55.90 1.000 1.000
170.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.88	-1.9045E-04	68.76 116.3 97.04	128.8	UL-RL 6.5822E+04 -8.200 58.09 1.000 1.000
174.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.66	-1.8888E-04	71.01 118.0 99.48	130.4	UL-RL 6.5822E+04 -8.400 60.29 1.000 1.000
178.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.44	-1.8719E-04	73.25 119.7 101.9	132.1	UL-RL 6.5822E+04 -8.600 62.48 1.000 1.000
182.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.23	-1.8543E-04	75.50 121.5 104.4	133.7	UL-RL 6.5822E+04 -8.800 64.67 1.000 1.000
186.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	38.02	-1.8361E-04	77.75 123.2 106.8	135.3	UL-RL 6.5822E+04 -9.000 66.86 1.000 1.000
190.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.81	-1.8176E-04	80.00 125.0 109.2	136.9	UL-RL 6.5822E+04 -9.200 69.05 1.000 1.000
194.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.60	-1.7990E-04	82.25 126.7 111.7	138.6	UL-RL 6.5822E+04 -9.400 71.25 1.000 1.000
198.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.39	-1.7803E-04	84.49 128.5 114.1	140.2	UL-RL 6.5822E+04 -9.600 73.44 1.000 1.000
202.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.18	-1.7615E-04	86.74 130.3 116.6	141.9	UL-RL 6.5822E+04 -9.800 75.63 1.000 1.000
205.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.99	-1.7428E-04	88.99 132.1 119.0	143.6	UL-RL 6.5822E+04 -10.00 77.82 1.000 1.000
209.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

GENERAL CONTRACTOR

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:40:47

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	6.70753E-11	-6.70753E-11	6.46594E-12	-3.89377E-12
2	-1.35060E-10	1.35060E-10	-3.39640E-12	4.13536E-11
3	0.18297	-0.18297	3.51576E-11	3.65943E-02
4	1.5875	-1.5875	-3.65943E-02	0.35410
5	4.0821	-4.0821	-0.35410	1.1705
6	7.5556	-7.5556	-1.1705	2.6817
7	11.915	-11.915	-2.6817	5.0647
8	17.084	-17.084	-5.0647	8.4815
9	17.651	-17.651	-8.4815	12.012
10	19.206	-19.206	-12.012	15.853
11	22.617	-22.617	-15.853	20.376
12	27.838	-27.838	-20.376	25.944
13	34.819	-34.819	-25.944	32.907
14	32.657	-32.657	-32.907	39.439
15	28.012	-28.012	-39.439	45.041
16	21.605	-21.605	-45.041	49.362
17	14.155	-14.155	-49.362	52.193
18	6.9015	-6.9015	-52.193	53.574
19	0.99289	-0.99289	-53.574	53.772
20	-3.7723	3.7723	-53.772	53.018
21	-7.5802	7.5802	-53.018	51.502
22	-10.650	10.650	-51.502	49.372
23	-13.090	13.090	-49.372	46.754
24	-14.991	14.991	-46.754	43.756
25	-16.434	16.434	-43.756	40.469
26	-16.959	16.959	-40.469	37.077
27	-17.091	17.091	-37.077	33.659
28	-16.899	16.899	-33.659	30.279
29	-16.443	16.443	-30.279	26.991
30	-15.777	15.777	-26.991	23.835
31	-14.947	14.947	-23.835	20.846
32	-13.996	13.996	-20.846	18.047
33	-12.959	12.959	-18.047	15.455
34	-11.867	11.867	-15.455	13.081
35	-10.748	10.748	-13.081	10.932
36	-9.6234	9.6234	-10.932	9.0071
37	-8.5137	8.5137	-9.0071	7.3044
38	-7.4347	7.4347	-7.3044	5.8174
39	-6.4002	6.4002	-5.8174	4.5374
40	-5.4211	5.4211	-4.5374	3.4532
41	-4.5068	4.5068	-3.4532	2.5518
42	-3.6643	3.6643	-2.5518	1.8189
43	-2.8997	2.8997	-1.8189	1.2390
44	-2.2176	2.2176	-1.2390	0.79550
45	-1.6215	1.6215	-0.79550	0.47119
46	-1.1146	1.1146	-0.47119	0.24828
47	-0.69893	0.69893	-0.24828	0.10849
48	-0.37649	0.37649	-0.10849	3.31928E-02
49	-0.14879	0.14879	-3.31928E-02	3.43462E-03
50	-1.71727E-02	1.71727E-02	-3.43462E-03	9.85878E-13

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.8318E+05 RIMNOR=0.7409E+05  
RENORM=0.3699E-03 REMNOR=0.3394E-21 RATIO =0.6668E-04 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 41.32 RMMAX = 53.77  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.8318E+05 RDR =0.7409E+05  
RATIOT=0.6668E-04 RATIOR= 0.000  
MAX UN=0.2021E-09 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.1640E-01 IEQ= 41 NODE 21 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.8318E+05 RIMNOR=0.7409E+05  
RENORM=0.1956E-05 REMNOR=0.2460E-21 RATIO =0.4849E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 41.32 RMMAX = 53.77  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03

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RDT =0.8318E+05 RDR =0.7409E+05  
RATIOT=0.4849E-05 RATIO= 0.000  
MAX UN=0.7591E-10 IEQ= 21 NODE 11 DOF 1 Y-DISPL.F  
MIN UN=-.5453E-03 IEQ= 51 NODE 26 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.8318E+05 RIMNOR=0.7409E+05  
RENORM=0.1127E-08 REMNOR=0.4121E-21 RATIO =0.1164E-06 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 41.32 RMMAX = 53.77  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.8318E+05 RDR =0.7409E+05  
RATIOT=0.1164E-06 RATIO= 0.000  
MAX UN=0.2033E-05 IEQ= 1 NODE 1 DOF 1 Y-DISPL.F  
MIN UN=-.3068E-04 IEQ= 89 NODE 45 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:40:48

New Project  
SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	1.0487586E-03	-2.9744229E-04	
2	9.8927019E-04	-2.9744229E-04	
3	9.2978173E-04	-2.9744229E-04	
4	8.7029366E-04	-2.9743650E-04	
5	8.1081086E-04	-2.9737476E-04	
6	7.5135570E-04	-2.9713382E-04	
7	6.9198186E-04	-2.9652507E-04	
8	6.3278670E-04	-2.9530093E-04	
9	5.7392259E-04	-2.9316025E-04	
10	5.1559579E-04	-2.8992174E-04	
11	4.5803155E-04	-2.8551832E-04	
12	4.0147659E-04	-2.7979299E-04	
13	3.4622068E-04	-2.7247289E-04	
14	2.9261947E-04	-2.6317236E-04	
15	2.4109392E-04	-2.5173901E-04	
16	1.9205171E-04	-2.3838788E-04	
17	1.4584311E-04	-2.2346811E-04	
18	1.0273961E-04	-2.0741772E-04	
19	6.2920432E-05	-1.9070125E-04	
20	2.6475790E-05	-1.7373459E-04	
21	-6.5790532E-06	-1.5685509E-04	
22	-3.6289970E-05	-1.4033395E-04	
23	-6.2751067E-05	-1.2438933E-04	
24	-8.6095767E-05	-1.0919568E-04	
25	-1.0648855E-04	-9.4890198E-05	
26	-1.2411810E-04	-8.1578514E-05	
27	-1.3919028E-04	-6.9322834E-05	
28	-1.5191893E-04	-5.8143717E-05	
29	-1.6251942E-04	-4.8039266E-05	
30	-1.7120491E-04	-3.8988937E-05	
31	-1.7818290E-04	-3.0957209E-05	
32	-1.8365252E-04	-2.3896793E-05	
33	-1.8780258E-04	-1.7751293E-05	
34	-1.9080984E-04	-1.2457861E-05	
35	-1.9283804E-04	-7.9491761E-06	
36	-1.9403717E-04	-4.1553195E-06	
37	-1.9454309E-04	-1.0053579E-06	
38	-1.9447752E-04	1.5713767E-06	
39	-1.9394815E-04	3.6440649E-06	
40	-1.9304904E-04	5.2795240E-06	
41	-1.9186124E-04	6.5414099E-06	
42	-1.9045339E-04	7.4895781E-06	
43	-1.8888262E-04	8.1795647E-06	
44	-1.8719539E-04	8.6621698E-06	
45	-1.8542854E-04	8.9831236E-06	
46	-1.8361024E-04	9.1828312E-06	
47	-1.8176117E-04	9.2961543E-06	
48	-1.7989559E-04	9.3522534E-06	
49	-1.7802252E-04	9.3744537E-06	
50	-1.7614692E-04	9.3801383E-06	
51	-1.7427078E-04	9.3806500E-06	



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33 D	29.25	1.8780E-04	121.2 101.0 121.2	101.0	V-C 4.1150E+04 -6.400 45.28 1.000 1.000
146.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	29.99	1.9081E-04	123.8 102.9 123.8	102.9	V-C 4.1150E+04 -6.600 47.09 1.000 1.000
150.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.73	1.9284E-04	127.4 104.7 127.4	104.7	V-C 4.1150E+04 -6.800 48.90 1.000 1.000
153.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	31.46	1.9404E-04	130.5 106.6 130.5	106.6	V-C 4.1150E+04 -7.000 50.71 1.000 1.000
157.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	32.18	1.9454E-04	133.5 108.4 133.5	108.4	V-C 4.1150E+04 -7.200 52.51 1.000 1.000
160.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	32.89	1.9448E-04	136.5 110.2 136.5	110.2	V-C 4.1150E+04 -7.400 54.32 1.000 1.000
164.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	33.61	1.9395E-04	140.0 111.9 140.0	111.9	V-C 4.1150E+04 -7.600 56.13 1.000 1.000
168.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	34.31	1.9305E-04	143.0 113.6 143.0	113.6	V-C 4.1150E+04 -7.800 57.94 1.000 1.000
171.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	35.02	1.9186E-04	145.9 115.4 145.9	115.4	V-C 4.1150E+04 -8.000 59.74 1.000 1.000
175.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	35.72	1.9045E-04	148.9 117.1 148.9	117.1	V-C 4.1150E+04 -8.200 61.55 1.000 1.000
178.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	36.42	1.8888E-04	152.2 118.8 152.2	118.8	V-C 4.1150E+04 -8.400 63.36 1.000 1.000
182.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	37.12	1.8720E-04	154.7 120.5 154.7	120.5	V-C 4.1150E+04 -8.600 65.17 1.000 1.000
185.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.82	1.8543E-04	158.0 122.1 158.0	122.1	V-C 4.1150E+04 -8.800 66.98 1.000 1.000
189.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	38.52	1.8361E-04	160.9 123.8 160.9	123.8	V-C 4.1150E+04 -9.000 68.78 1.000 1.000
192.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	39.22	1.8176E-04	164.2 125.5 164.2	125.5	UL-RL 1.0315E+05 -9.200 70.59 1.000 1.000
196.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.92	1.7990E-04	166.7 127.2 166.7	127.2	UL-RL 1.0315E+05 -9.400 72.40 1.000 1.000
199.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.62	1.7802E-04	169.9 128.9 169.9	128.9	UL-RL 1.0315E+05 -9.600 74.21 1.000 1.000
203.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.32	1.7615E-04	172.7 130.6 172.7	130.6	UL-RL 1.0315E+05 -9.800 76.01 1.000 1.000
206.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	21.01	1.7427E-04	175.5 132.2 175.5	132.3	UL-RL 1.0315E+05 -10.00 77.82 1.000 1.000
210.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		





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33 D	28.21	-1.8780E-04	48.53 102.7 75.08	115.0	UL-RL 6.5822E+04 -6.400 38.36 1.000 1.000
141.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.90	-1.9081E-04	50.78 103.9 77.52	116.5	UL-RL 6.5822E+04 -6.600 40.56 1.000 1.000
144.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.61	-1.9284E-04	53.02 105.3 79.96	118.0	UL-RL 6.5822E+04 -6.800 42.75 1.000 1.000
148.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.33	-1.9404E-04	55.27 106.7 82.40	119.5	UL-RL 6.5822E+04 -7.000 44.94 1.000 1.000
151.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.07	-1.9454E-04	57.52 108.2 84.84	121.0	UL-RL 6.5822E+04 -7.200 47.13 1.000 1.000
155.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.82	-1.9448E-04	59.77 109.8 87.28	122.6	UL-RL 6.5822E+04 -7.400 49.32 1.000 1.000
159.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.57	-1.9395E-04	62.02 111.3 89.72	124.1	UL-RL 6.5822E+04 -7.600 51.52 1.000 1.000
162.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.33	-1.9305E-04	64.26 113.0 92.16	125.7	UL-RL 6.5822E+04 -7.800 53.71 1.000 1.000
166.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	34.10	-1.9186E-04	66.51 114.6 94.60	127.3	UL-RL 6.5822E+04 -8.000 55.90 1.000 1.000
170.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.88	-1.9045E-04	68.76 116.3 97.04	128.8	UL-RL 6.5822E+04 -8.200 58.09 1.000 1.000
174.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.66	-1.8888E-04	71.01 118.0 99.48	130.4	UL-RL 6.5822E+04 -8.400 60.29 1.000 1.000
178.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.44	-1.8720E-04	73.25 119.7 101.9	132.1	UL-RL 6.5822E+04 -8.600 62.48 1.000 1.000
182.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.23	-1.8543E-04	75.50 121.5 104.4	133.7	UL-RL 6.5822E+04 -8.800 64.67 1.000 1.000
186.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	38.02	-1.8361E-04	77.75 123.2 106.8	135.3	UL-RL 6.5822E+04 -9.000 66.86 1.000 1.000
190.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.81	-1.8176E-04	80.00 125.0 109.2	136.9	UL-RL 6.5822E+04 -9.200 69.05 1.000 1.000
194.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.60	-1.7990E-04	82.25 126.7 111.7	138.6	UL-RL 6.5822E+04 -9.400 71.25 1.000 1.000
198.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.39	-1.7802E-04	84.49 128.5 114.1	140.2	UL-RL 6.5822E+04 -9.600 73.44 1.000 1.000
202.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.18	-1.7615E-04	86.74 130.3 116.6	141.9	UL-RL 6.5822E+04 -9.800 75.63 1.000 1.000
205.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.99	-1.7427E-04	88.99 132.1 119.0	143.6	UL-RL 6.5822E+04 -10.00 77.82 1.000 1.000
209.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time : 8 June 2018 11:40:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-2.03304E-06	2.03304E-06	1.43559E-11	-4.06633E-07
2	1.55702E-06	-1.55702E-06	4.06637E-07	-9.52513E-08
3	0.18299	-0.18299	9.52413E-08	3.65973E-02
4	1.5876	-1.5876	-3.65973E-02	0.35411
5	4.0822	-4.0822	-0.35411	1.1706
6	7.5557	-7.5557	-1.1706	2.6817
7	11.915	-11.915	-2.6817	5.0647
8	17.084	-17.084	-5.0647	8.4816
9	17.651	-17.651	-8.4816	12.012
10	19.207	-19.207	-12.012	15.853
11	22.619	-22.619	-15.853	20.377
12	27.840	-27.840	-20.377	25.945
13	34.822	-34.822	-25.945	32.909
14	32.662	-32.662	-32.909	39.442
15	28.018	-28.018	-39.442	45.045
16	21.612	-21.612	-45.045	49.368
17	14.164	-14.164	-49.368	52.200
18	6.9114	-6.9114	-52.200	53.583
19	1.0044	-1.0044	-53.583	53.784
20	-3.7592	3.7592	-53.784	53.032
21	-7.5819	7.5819	-53.032	51.515
22	-10.660	10.660	-51.515	49.383
23	-13.101	13.101	-49.383	46.763
24	-15.001	15.001	-46.763	43.763
25	-16.444	16.444	-43.763	40.474
26	-16.967	16.967	-40.474	37.081
27	-17.098	17.098	-37.081	33.661
28	-16.905	16.905	-33.661	30.280
29	-16.448	16.448	-30.280	26.991
30	-15.781	15.781	-26.991	23.835
31	-14.951	14.951	-23.835	20.844
32	-13.999	13.999	-20.844	18.045
33	-12.961	12.961	-18.045	15.453
34	-11.869	11.869	-15.453	13.079
35	-10.749	10.749	-13.079	10.929
36	-9.6239	9.6239	-10.929	9.0043
37	-8.5137	8.5137	-9.0043	7.3015
38	-7.4345	7.4345	-7.3015	5.8146
39	-6.3996	6.3996	-5.8146	4.5347
40	-5.4204	5.4204	-4.5347	3.4506
41	-4.5058	4.5058	-3.4506	2.5495
42	-3.6632	3.6632	-2.5495	1.8168
43	-2.8984	2.8984	-1.8168	1.2371
44	-2.2162	2.2162	-1.2371	0.79389
45	-1.6201	1.6201	-0.79389	0.46987
46	-1.1131	1.1131	-0.46987	0.24725
47	-0.69748	0.69748	-0.24725	0.10775
48	-0.37509	0.37509	-0.10775	3.27340E-02
49	-0.14748	0.14748	-3.27340E-02	3.23830E-03
50	-1.61911E-02	1.61911E-02	-3.23830E-03	7.60364E-13

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NewProject.BaseDesignSection\_28.A2M2R1\_3805

Exe Time : 8 June 2018 11:40:48

F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	3
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.13 [sec]

DATABASE CREATION CPU TIME..... 0.08 [sec]

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## Design Assumption : SISMICA STR - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICATR\_3835  
Exe Time : 8 June 2018 11:40:48

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SISMICATR\_3835

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	51
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	102
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	411
NO. OF LONG NAMES (LASTNAME) .....	15
LENGTH UNIT CHOICE .....	3 ( M )
FORCE UNIT CHOICE .....	3 ( KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:40:48

P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 411

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -10 0 1
7 : SOIL 0_L LeftWall_32 -10 0 1 0
8 : SOIL 0_R LeftWall_32 -10 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -10 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 1.5 28.5 0 20 45
34 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
35 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
36 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
37 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
38 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
39 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
40 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
41 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
42 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
43 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
44 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
45 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
46 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
47 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
48 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
49 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
50 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
51 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
52 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
53 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
54 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
55 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
56 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 14.8 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 15.2 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 15.6 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 16 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 16.4 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 16.8 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 17.2 0.4 0 50.4 45

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78 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
79 : STRIP LeftWall\_32 1 1 18.0 0.4 0 50.4 45  
80 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
81 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
82 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
83 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
84 : STRIP LeftWall\_32 1 1 20.0 0.4 0 50.4 45  
85 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
86 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
87 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
88 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
89 : STRIP LeftWall\_32 1 1 22.0 0.4 0 50.4 45  
90 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
91 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
92 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
93 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
94 : STRIP LeftWall\_32 1 1 24.0 0.4 0 50.4 45  
95 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
96 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
97 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
98 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
99 : STRIP LeftWall\_32 1 1 26.0 0.4 0 50.4 45  
100 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
101 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
102 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
103 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
104 : STRIP LeftWall\_32 1 1 28.0 0.4 0 50.4 45  
105 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
106 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
107 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
108 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
109 : STRIP LeftWall\_32 2 2 0.4 0.4 0 1.68 45  
110 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
111 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
112 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
113 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
114 : STRIP LeftWall\_32 2 2 2.0 0.4 0 18.48 45  
115 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
116 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
117 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
118 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
119 : STRIP LeftWall\_32 2 2 4.0 0.4 0 35.28 45  
120 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
121 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
122 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
123 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
124 : STRIP LeftWall\_32 2 2 6.0 0.4 0 50.4 45  
125 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
126 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
127 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
128 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
129 : STRIP LeftWall\_32 2 2 8.0 0.4 0 50.4 45  
130 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
131 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
132 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
133 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
134 : STRIP LeftWall\_32 2 2 10.0 0.4 0 50.4 45  
135 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
136 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
137 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
138 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
139 : STRIP LeftWall\_32 2 2 12.0 0.4 0 50.4 45  
140 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
141 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
142 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
143 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
144 : STRIP LeftWall\_32 2 2 14.0 0.4 0 50.4 45  
145 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
146 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
147 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
148 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
149 : STRIP LeftWall\_32 2 2 16.0 0.4 0 50.4 45  
150 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
151 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
152 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
153 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
154 : STRIP LeftWall\_32 2 2 18.0 0.4 0 50.4 45  
155 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
156 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
157 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
158 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
159 : STRIP LeftWall\_32 2 2 20.0 0.4 0 50.4 45  
160 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45  
161 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
162 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
163 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
164 : STRIP LeftWall\_32 2 2 22.0 0.4 0 50.4 45  
165 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
166 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
167 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 24.0 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 26.0 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 28.0 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 3 3 0.4 0.4 0 1.68 45  
 185 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 186 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 187 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 188 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 189 : STRIP LeftWall\_32 3 3 2.0 0.4 0 18.48 45  
 190 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 191 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 192 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 193 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 194 : STRIP LeftWall\_32 3 3 4.0 0.4 0 35.28 45  
 195 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 196 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 197 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 198 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 199 : STRIP LeftWall\_32 3 3 6.0 0.4 0 50.4 45  
 200 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 201 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 202 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 203 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 204 : STRIP LeftWall\_32 3 3 8.0 0.4 0 50.4 45  
 205 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 206 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 208 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 209 : STRIP LeftWall\_32 3 3 10.0 0.4 0 50.4 45  
 210 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 214 : STRIP LeftWall\_32 3 3 12.0 0.4 0 50.4 45  
 215 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 216 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 14.0 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 16.0 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 18.0 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 20.0 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 22.0 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 24.0 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 26.0 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 28.0 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45



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258 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 259 : STEP Stage1\_31  
 260 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32  
 261 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32  
 262 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32  
 263 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32  
 264 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32  
 265 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32  
 266 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32  
 267 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32  
 268 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32  
 269 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32  
 270 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32  
 271 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32  
 272 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32  
 273 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32  
 274 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32  
 275 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32  
 276 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32  
 277 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32  
 278 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32  
 279 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 280 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32  
 281 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 282 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=10 LeftWall\_32  
 283 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 284 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=10 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 286 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=20 LeftWall\_32  
 287 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 288 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=20 LeftWall\_32  
 289 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 290 : SETWALL LeftWall\_32  
 291 : GEOM 0 0  
 292 : WATER -0.5 0 -10 0 0  
 293 : ADD WallElement\_33  
 294 : ENDSTEP  
 295 : STEP Stage2\_446  
 296 : SETWALL LeftWall\_32  
 297 : GEOM 0 -2.42  
 298 : WATER -1.4 1.5 -10 0 0  
 299 : ENDSTEP  
 300 : STEP Stage3\_549  
 301 : SETWALL LeftWall\_32  
 302 : GEOM 0 -2.42  
 303 : WATER -1.4 1.5 -10 0 0  
 304 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.433 LeftWall\_32  
 305 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.503 LeftWall\_32  
 306 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.871 LeftWall\_32  
 307 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.661 LeftWall\_32  
 308 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.433 LeftWall\_32  
 309 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.503 LeftWall\_32  
 310 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.871 LeftWall\_32  
 311 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.661 LeftWall\_32  
 312 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAED=0.244 LeftWall\_32  
 313 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAEW=0.279 LeftWall\_32  
 314 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPED=7.211 LeftWall\_32  
 315 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPEW=6.935 LeftWall\_32  
 316 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAED=0.244 LeftWall\_32  
 317 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAEW=0.279 LeftWall\_32  
 318 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPED=7.211 LeftWall\_32  
 319 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPEW=6.935 LeftWall\_32  
 320 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAED=0.244 LeftWall\_32  
 321 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAEW=0.279 LeftWall\_32  
 322 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPED=7.211 LeftWall\_32  
 323 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPEW=6.942 LeftWall\_32  
 324 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAED=0.244 LeftWall\_32  
 325 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAEW=0.279 LeftWall\_32  
 326 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPED=7.211 LeftWall\_32  
 327 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPEW=6.942 LeftWall\_32  
 328 : EQK USER 0.0746 0 0 26.57 0.66 0 0.66 1 0  
 329 : DLOAD step LeftWall\_32 -2.42 1.243 0 1.243  
 330 : DLOAD step LeftWall\_32 -2.42 0.9375 0 0.9375  
 331 : DLOAD step LeftWall\_32 -1.6 1.888 -1.4 0  
 332 : DLOAD step LeftWall\_32 -1.8 2.67 -1.6 1.888  
 333 : DLOAD step LeftWall\_32 -2 3.27 -1.8 2.67  
 334 : DLOAD step LeftWall\_32 -2.2 3.776 -2 3.27  
 335 : DLOAD step LeftWall\_32 -2.4 4.222 -2.2 3.776  
 336 : DLOAD step LeftWall\_32 -2.6 4.625 -2.4 4.222  
 337 : DLOAD step LeftWall\_32 -2.8 4.995 -2.6 4.625  
 338 : DLOAD step LeftWall\_32 -3 5.34 -2.8 4.995  
 339 : DLOAD step LeftWall\_32 -3.2 5.664 -3 5.34  
 340 : DLOAD step LeftWall\_32 -3.4 5.97 -3.2 5.664  
 341 : DLOAD step LeftWall\_32 -3.6 6.262 -3.4 5.97  
 342 : DLOAD step LeftWall\_32 -3.8 6.54 -3.6 6.262  
 343 : DLOAD step LeftWall\_32 -4 6.807 -3.8 6.54  
 344 : DLOAD step LeftWall\_32 -4.2 7.064 -4 6.807  
 345 : DLOAD step LeftWall\_32 -4.4 7.312 -4.2 7.064  
 346 : DLOAD step LeftWall\_32 -4.6 7.552 -4.4 7.312  
 347 : DLOAD step LeftWall\_32 -4.8 7.784 -4.6 7.552

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348 : DLOAD step LeftWall\_32 -5 8.01 -4.8 7.784  
 349 : DLOAD step LeftWall\_32 -5.2 8.229 -5 8.01  
 350 : DLOAD step LeftWall\_32 -5.4 8.443 -5.2 8.229  
 351 : DLOAD step LeftWall\_32 -5.6 8.652 -5.4 8.443  
 352 : DLOAD step LeftWall\_32 -5.8 8.855 -5.6 8.652  
 353 : DLOAD step LeftWall\_32 -6 9.054 -5.8 8.855  
 354 : DLOAD step LeftWall\_32 -6.2 9.249 -6 9.054  
 355 : DLOAD step LeftWall\_32 -6.4 9.44 -6.2 9.249  
 356 : DLOAD step LeftWall\_32 -6.6 9.627 -6.4 9.44  
 357 : DLOAD step LeftWall\_32 -6.8 9.81 -6.6 9.627  
 358 : DLOAD step LeftWall\_32 -7 9.99 -6.8 9.81  
 359 : DLOAD step LeftWall\_32 -7.2 10.17 -7 9.99  
 360 : DLOAD step LeftWall\_32 -7.4 10.34 -7.2 10.17  
 361 : DLOAD step LeftWall\_32 -7.6 10.51 -7.4 10.34  
 362 : DLOAD step LeftWall\_32 -7.8 10.68 -7.6 10.51  
 363 : DLOAD step LeftWall\_32 -8 10.85 -7.8 10.68  
 364 : DLOAD step LeftWall\_32 -8.2 11.01 -8 10.85  
 365 : DLOAD step LeftWall\_32 -8.4 11.17 -8.2 11.01  
 366 : DLOAD step LeftWall\_32 -8.6 11.33 -8.4 11.17  
 367 : DLOAD step LeftWall\_32 -8.8 11.48 -8.6 11.33  
 368 : DLOAD step LeftWall\_32 -9 11.64 -8.8 11.48  
 369 : DLOAD step LeftWall\_32 -9.2 11.79 -9 11.64  
 370 : DLOAD step LeftWall\_32 -9.4 11.94 -9.2 11.79  
 371 : DLOAD step LeftWall\_32 -9.6 12.09 -9.4 11.94  
 372 : DLOAD step LeftWall\_32 -9.8 12.24 -9.6 12.09  
 373 : DLOAD step LeftWall\_32 -10 12.38 -9.8 12.24  
 374 : DLOAD step LeftWall\_32 -10 12.38 -10 12.38  
 375 : DLOAD step LeftWall\_32 -3.1 1.715 -2.9 0  
 376 : DLOAD step LeftWall\_32 -3.3 2.426 -3.1 1.715  
 377 : DLOAD step LeftWall\_32 -3.5 2.971 -3.3 2.426  
 378 : DLOAD step LeftWall\_32 -3.7 3.431 -3.5 2.971  
 379 : DLOAD step LeftWall\_32 -3.9 3.836 -3.7 3.431  
 380 : DLOAD step LeftWall\_32 -4.1 4.202 -3.9 3.836  
 381 : DLOAD step LeftWall\_32 -4.3 4.539 -4.1 4.202  
 382 : DLOAD step LeftWall\_32 -4.5 4.852 -4.3 4.539  
 383 : DLOAD step LeftWall\_32 -4.7 5.146 -4.5 4.852  
 384 : DLOAD step LeftWall\_32 -4.9 5.425 -4.7 5.146  
 385 : DLOAD step LeftWall\_32 -5.1 5.689 -4.9 5.425  
 386 : DLOAD step LeftWall\_32 -5.3 5.942 -5.1 5.689  
 387 : DLOAD step LeftWall\_32 -5.5 6.185 -5.3 5.942  
 388 : DLOAD step LeftWall\_32 -5.7 6.419 -5.5 6.185  
 389 : DLOAD step LeftWall\_32 -5.9 6.644 -5.7 6.419  
 390 : DLOAD step LeftWall\_32 -6.1 6.862 -5.9 6.644  
 391 : DLOAD step LeftWall\_32 -6.3 7.073 -6.1 6.862  
 392 : DLOAD step LeftWall\_32 -6.5 7.278 -6.3 7.073  
 393 : DLOAD step LeftWall\_32 -6.7 7.477 -6.5 7.278  
 394 : DLOAD step LeftWall\_32 -6.9 7.672 -6.7 7.477  
 395 : DLOAD step LeftWall\_32 -7.1 7.861 -6.9 7.672  
 396 : DLOAD step LeftWall\_32 -7.3 8.046 -7.1 7.861  
 397 : DLOAD step LeftWall\_32 -7.5 8.227 -7.3 8.046  
 398 : DLOAD step LeftWall\_32 -7.7 8.404 -7.5 8.227  
 399 : DLOAD step LeftWall\_32 -7.9 8.577 -7.7 8.404  
 400 : DLOAD step LeftWall\_32 -8.1 8.747 -7.9 8.577  
 401 : DLOAD step LeftWall\_32 -8.3 8.914 -8.1 8.747  
 402 : DLOAD step LeftWall\_32 -8.5 9.077 -8.3 8.914  
 403 : DLOAD step LeftWall\_32 -8.7 9.238 -8.5 9.077  
 404 : DLOAD step LeftWall\_32 -8.9 9.396 -8.7 9.238  
 405 : DLOAD step LeftWall\_32 -9.1 9.551 -8.9 9.396  
 406 : DLOAD step LeftWall\_32 -9.3 9.704 -9.1 9.551  
 407 : DLOAD step LeftWall\_32 -9.5 9.854 -9.3 9.704  
 408 : DLOAD step LeftWall\_32 -9.7 10 -9.5 9.854  
 409 : DLOAD step LeftWall\_32 -9.9 10.15 -9.7 10  
 410 : DLOAD step LeftWall\_32 -10 10.22 -9.9 10.15  
 411 : ENDSTEP

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:40:48

N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.000	/				

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```

ELEMENT GROUP NO. 1

```

0_L      :
5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage  status
-----

```

```

1  active
2  active
3  active

```

material set no. 1

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 1.00000

```

material set no. 2

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 2.00000

```

material set no. 3

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 3.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000

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43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.1000	0.000	0.000	0.000	1.000

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```

ELEMENT GROUP NO. 2

0\_R  
5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000

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43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.1000	0.000	0.000	0.000	2.000

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Exe Time : 8 June 2018 11:40:48

ELEMENT GROUP NO. 3

WallElement\_33  
2 50 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000



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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
 AT Y-COORD 0.000 Z-COORD -2.420 PRESSURE 1.243  
 Z-COORD 0.000 PRESSURE 1.243



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L.CURVE 3

NO. OF GENERATED NODAL FORCES 13

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
13	-.2400E+01	0.1372479E+00 /	12	-.2200E+01	0.2496358E+00 /	11	-.2000E+01	0.2496358E+00 /
10	-.1800E+01	0.2496358E+00 /	9	-.1600E+01	0.2496358E+00 /	8	-.1400E+01	0.2496358E+00 /
7	-.1200E+01	0.2496358E+00 /	6	-.1000E+01	0.2496358E+00 /	5	-.8000E+00	0.2496358E+00 /
4	-.6000E+00	0.2496358E+00 /	3	-.4000E+00	0.2496358E+00 /	2	-.2000E+00	0.2496358E+00 /
1	0.0000E+00	0.1248179E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 3.0081

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
 AT Y-COORD 0.000 Z-COORD -2.420 PRESSURE 0.9375  
 Z-COORD 0.000 PRESSURE 0.9375

L.CURVE 3

NO. OF GENERATED NODAL FORCES 13

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
13	-.2400E+01	0.1035156E+00 /	12	-.2200E+01	0.1882812E+00 /	11	-.2000E+01	0.1882813E+00 /
10	-.1800E+01	0.1882812E+00 /	9	-.1600E+01	0.1882813E+00 /	8	-.1400E+01	0.1882813E+00 /
7	-.1200E+01	0.1882812E+00 /	6	-.1000E+01	0.1882812E+00 /	5	-.8000E+00	0.1882812E+00 /
4	-.6000E+00	0.1882812E+00 /	3	-.4000E+00	0.1882812E+00 /	2	-.2000E+00	0.1882812E+00 /
1	0.0000E+00	0.9414062E-01 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2687

PROCESSING DISTRIBUTED LOADS CARD NO. 3  
 AT Y-COORD 0.000 Z-COORD -1.600 PRESSURE 1.888  
 Z-COORD -1.400 PRESSURE 0.000

L.CURVE 3

NO. OF GENERATED NODAL FORCES 2

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
9	-.1600E+01	0.1888000E+00 /	8	-.1400E+01	0.0000000E+00 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.18880

PROCESSING DISTRIBUTED LOADS CARD NO. 4  
 AT Y-COORD 0.000 Z-COORD -1.800 PRESSURE 2.670  
 Z-COORD -1.600 PRESSURE 1.888

L.CURVE 3

NO. OF GENERATED NODAL FORCES 2

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
10	-.1800E+01	0.2670000E+00 /	9	-.1600E+01	0.1888000E+00 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.45580

PROCESSING DISTRIBUTED LOADS CARD NO. 5  
 AT Y-COORD 0.000 Z-COORD -2.000 PRESSURE 3.270  
 Z-COORD -1.800 PRESSURE 2.670

L.CURVE 3

NO. OF GENERATED NODAL FORCES 2

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
11	-.2000E+01	0.3270000E+00 /	10	-.1800E+01	0.2670000E+00 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.59400

PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -2.200 PRESSURE 3.776  
 Z-COORD -2.000 PRESSURE 3.270

L.CURVE 3

NO. OF GENERATED NODAL FORCES 2

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
12	-.2200E+01	0.3776000E+00 /	11	-.2000E+01	0.3270000E+00 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.70460

PROCESSING DISTRIBUTED LOADS CARD NO. 7

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AT Y-COORD 0.000 Z-COORD -2.400 PRESSURE 4.222  
 Z-COORD -2.200 PRESSURE 3.776  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 13 -.2400E+01 0.4222000E+00 / 12 -.2200E+01 0.3776000E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.79980

PROCESSING DISTRIBUTED LOADS CARD NO. 8  
 AT Y-COORD 0.000 Z-COORD -2.600 PRESSURE 4.625  
 Z-COORD -2.400 PRESSURE 4.222  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 14 -.2600E+01 0.4625000E+00 / 13 -.2400E+01 0.4222000E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.88470

PROCESSING DISTRIBUTED LOADS CARD NO. 9  
 AT Y-COORD 0.000 Z-COORD -2.800 PRESSURE 4.995  
 Z-COORD -2.600 PRESSURE 4.625  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 15 -.2800E+01 0.4995000E+00 / 14 -.2600E+01 0.4625000E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.96200

PROCESSING DISTRIBUTED LOADS CARD NO. 10  
 AT Y-COORD 0.000 Z-COORD -3.000 PRESSURE 5.340  
 Z-COORD -2.800 PRESSURE 4.995  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 16 -.3000E+01 0.5340000E+00 / 15 -.2800E+01 0.4995000E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0335

PROCESSING DISTRIBUTED LOADS CARD NO. 11  
 AT Y-COORD 0.000 Z-COORD -3.200 PRESSURE 5.664  
 Z-COORD -3.000 PRESSURE 5.340  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 16 -.3000E+01 0.1100400E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1004

PROCESSING DISTRIBUTED LOADS CARD NO. 12  
 AT Y-COORD 0.000 Z-COORD -3.400 PRESSURE 5.970  
 Z-COORD -3.200 PRESSURE 5.664  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 17 -.3200E+01 0.1163400E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1634

PROCESSING DISTRIBUTED LOADS CARD NO. 13  
 AT Y-COORD 0.000 Z-COORD -3.600 PRESSURE 6.262  
 Z-COORD -3.400 PRESSURE 5.970  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

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18 -.3400E+01 0.1223200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2232

PROCESSING DISTRIBUTED LOADS CARD NO. 14  
 AT Y-COORD 0.000 Z-COORD -3.800 PRESSURE 6.540  
 Z-COORD -3.600 PRESSURE 6.262  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

19 -.3600E+01 0.1280200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2802

PROCESSING DISTRIBUTED LOADS CARD NO. 15  
 AT Y-COORD 0.000 Z-COORD -4.000 PRESSURE 6.807  
 Z-COORD -3.800 PRESSURE 6.540  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

21 -.4000E+01 0.6806966E+00 / 20 -.3800E+01 0.6540001E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3347

PROCESSING DISTRIBUTED LOADS CARD NO. 16  
 AT Y-COORD 0.000 Z-COORD -4.200 PRESSURE 7.064  
 Z-COORD -4.000 PRESSURE 6.807  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

22 -.4200E+01 0.7064000E+00 / 21 -.4000E+01 0.6807000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3871

PROCESSING DISTRIBUTED LOADS CARD NO. 17  
 AT Y-COORD 0.000 Z-COORD -4.400 PRESSURE 7.312  
 Z-COORD -4.200 PRESSURE 7.064  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

23 -.4400E+01 0.7312000E+00 / 22 -.4200E+01 0.7064000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4376

PROCESSING DISTRIBUTED LOADS CARD NO. 18  
 AT Y-COORD 0.000 Z-COORD -4.600 PRESSURE 7.552  
 Z-COORD -4.400 PRESSURE 7.312  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

24 -.4600E+01 0.7552000E+00 / 23 -.4400E+01 0.7312000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.4864

PROCESSING DISTRIBUTED LOADS CARD NO. 19  
 AT Y-COORD 0.000 Z-COORD -4.800 PRESSURE 7.784  
 Z-COORD -4.600 PRESSURE 7.552  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

25 -.4800E+01 0.7784000E+00 / 24 -.4600E+01 0.7552000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5336

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PROCESSING DISTRIBUTED LOADS CARD NO. 20  
AT Y-COORD 0.000 Z-COORD -5.000 PRESSURE 8.010  
Z-COORD -4.800 PRESSURE 7.784  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
26 -.5000E+01 0.8010000E+00 / 25 -.4800E+01 0.7784000E+00 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5794

PROCESSING DISTRIBUTED LOADS CARD NO. 21  
AT Y-COORD 0.000 Z-COORD -5.200 PRESSURE 8.229  
Z-COORD -5.000 PRESSURE 8.010  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
27 -.5200E+01 0.8228999E+00 / 26 -.5000E+01 0.8009960E+00 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6239

PROCESSING DISTRIBUTED LOADS CARD NO. 22  
AT Y-COORD 0.000 Z-COORD -5.400 PRESSURE 8.443  
Z-COORD -5.200 PRESSURE 8.229  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
28 -.5400E+01 0.1667200E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6672

PROCESSING DISTRIBUTED LOADS CARD NO. 23  
AT Y-COORD 0.000 Z-COORD -5.600 PRESSURE 8.652  
Z-COORD -5.400 PRESSURE 8.443  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
29 -.5600E+01 0.1709500E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7095

PROCESSING DISTRIBUTED LOADS CARD NO. 24  
AT Y-COORD 0.000 Z-COORD -5.800 PRESSURE 8.855  
Z-COORD -5.600 PRESSURE 8.652  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
30 -.5800E+01 0.1750700E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7507

PROCESSING DISTRIBUTED LOADS CARD NO. 25  
AT Y-COORD 0.000 Z-COORD -6.000 PRESSURE 9.054  
Z-COORD -5.800 PRESSURE 8.855  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
31 -.6000E+01 0.1790900E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7909

PROCESSING DISTRIBUTED LOADS CARD NO. 26  
AT Y-COORD 0.000 Z-COORD -6.200 PRESSURE 9.249  
Z-COORD -6.000 PRESSURE 9.054  
L.CURVE 3

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NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
32	-.6200E+01	0.1830300E+01 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.8303		
PROCESSING DISTRIBUTED LOADS CARD NO. 27						
AT Y-COORD	0.000	Z-COORD -6.400	PRESSURE 9.440			
		Z-COORD -6.200	PRESSURE 9.249			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
33	-.6400E+01	0.1868900E+01 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.8689		
PROCESSING DISTRIBUTED LOADS CARD NO. 28						
AT Y-COORD	0.000	Z-COORD -6.600	PRESSURE 9.627			
		Z-COORD -6.400	PRESSURE 9.440			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
34	-.6600E+01	0.1906700E+01 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.9067		
PROCESSING DISTRIBUTED LOADS CARD NO. 29						
AT Y-COORD	0.000	Z-COORD -6.800	PRESSURE 9.810			
		Z-COORD -6.600	PRESSURE 9.627			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
35	-.6800E+01	0.1943700E+01 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.9437		
PROCESSING DISTRIBUTED LOADS CARD NO. 30						
AT Y-COORD	0.000	Z-COORD -7.000	PRESSURE 9.990			
		Z-COORD -6.800	PRESSURE 9.810			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
36	-.7000E+01	0.1980000E+01 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.9800		
PROCESSING DISTRIBUTED LOADS CARD NO. 31						
AT Y-COORD	0.000	Z-COORD -7.200	PRESSURE 10.17			
		Z-COORD -7.000	PRESSURE 9.990			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
37	-.7200E+01	0.2016000E+01 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.0160		
PROCESSING DISTRIBUTED LOADS CARD NO. 32						
AT Y-COORD	0.000	Z-COORD -7.400	PRESSURE 10.34			
		Z-COORD -7.200	PRESSURE 10.17			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
38	-.7400E+01	0.2051000E+01 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.0510		



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PROCESSING DISTRIBUTED LOADS CARD NO. 33  
 AT Y-COORD 0.000 Z-COORD -7.600 PRESSURE 10.51  
 Z-COORD -7.400 PRESSURE 10.34  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 39 -.7600E+01 0.2085000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0850

PROCESSING DISTRIBUTED LOADS CARD NO. 34  
 AT Y-COORD 0.000 Z-COORD -7.800 PRESSURE 10.68  
 Z-COORD -7.600 PRESSURE 10.51  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 40 -.7800E+01 0.2119000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1190

PROCESSING DISTRIBUTED LOADS CARD NO. 35  
 AT Y-COORD 0.000 Z-COORD -8.000 PRESSURE 10.85  
 Z-COORD -7.800 PRESSURE 10.68  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 41 -.8000E+01 0.2153000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1530

PROCESSING DISTRIBUTED LOADS CARD NO. 36  
 AT Y-COORD 0.000 Z-COORD -8.200 PRESSURE 11.01  
 Z-COORD -8.000 PRESSURE 10.85  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 42 -.8200E+01 0.2186000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1860

PROCESSING DISTRIBUTED LOADS CARD NO. 37  
 AT Y-COORD 0.000 Z-COORD -8.400 PRESSURE 11.17  
 Z-COORD -8.200 PRESSURE 11.01  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 43 -.8400E+01 0.2218000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2180

PROCESSING DISTRIBUTED LOADS CARD NO. 38  
 AT Y-COORD 0.000 Z-COORD -8.600 PRESSURE 11.33  
 Z-COORD -8.400 PRESSURE 11.17  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 44 -.8600E+01 0.2250000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2500

PROCESSING DISTRIBUTED LOADS CARD NO. 39  
 AT Y-COORD 0.000 Z-COORD -8.800 PRESSURE 11.48  
 Z-COORD -8.600 PRESSURE 11.33

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L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
45	-.8800E+01	0.2281000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.2810			
PROCESSING DISTRIBUTED LOADS CARD NO.	40						
AT Y-COORD	0.000	Z-COORD -9.000	PRESSURE	11.64			
		Z-COORD -8.800	PRESSURE	11.48			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
46	-.9000E+01	0.2312000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.3120			
PROCESSING DISTRIBUTED LOADS CARD NO.	41						
AT Y-COORD	0.000	Z-COORD -9.200	PRESSURE	11.79			
		Z-COORD -9.000	PRESSURE	11.64			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
47	-.9200E+01	0.2343000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.3430			
PROCESSING DISTRIBUTED LOADS CARD NO.	42						
AT Y-COORD	0.000	Z-COORD -9.400	PRESSURE	11.94			
		Z-COORD -9.200	PRESSURE	11.79			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
48	-.9400E+01	0.2373000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.3730			
PROCESSING DISTRIBUTED LOADS CARD NO.	43						
AT Y-COORD	0.000	Z-COORD -9.600	PRESSURE	12.09			
		Z-COORD -9.400	PRESSURE	11.94			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
49	-.9600E+01	0.2403000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.4030			
PROCESSING DISTRIBUTED LOADS CARD NO.	44						
AT Y-COORD	0.000	Z-COORD -9.800	PRESSURE	12.24			
		Z-COORD -9.600	PRESSURE	12.09			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
50	-.9800E+01	0.2433000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.4330			
PROCESSING DISTRIBUTED LOADS CARD NO.	45						
AT Y-COORD	0.000	Z-COORD -10.00	PRESSURE	12.38			
		Z-COORD -9.800	PRESSURE	12.24			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
51	-.1000E+02	0.2462000E+01 /					

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4620

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 46  
 AT Y-COORD 0.000 Z-COORD -10.00 PRESSURE 12.38  
 Z-COORD -10.00 PRESSURE 12.38  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 51 -.1000E+02 0.246200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4620

PROCESSING DISTRIBUTED LOADS CARD NO. 47  
 AT Y-COORD 0.000 Z-COORD -3.100 PRESSURE 1.715  
 Z-COORD -2.900 PRESSURE 0.000  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 16 -.3000E+01 0.171500E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.17150

PROCESSING DISTRIBUTED LOADS CARD NO. 48  
 AT Y-COORD 0.000 Z-COORD -3.300 PRESSURE 2.426  
 Z-COORD -3.100 PRESSURE 1.715  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 17 -.3200E+01 0.414100E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.41410

PROCESSING DISTRIBUTED LOADS CARD NO. 49  
 AT Y-COORD 0.000 Z-COORD -3.500 PRESSURE 2.971  
 Z-COORD -3.300 PRESSURE 2.426  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 18 -.3400E+01 0.539700E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.53970

PROCESSING DISTRIBUTED LOADS CARD NO. 50  
 AT Y-COORD 0.000 Z-COORD -3.700 PRESSURE 3.431  
 Z-COORD -3.500 PRESSURE 2.971  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 19 -.3600E+01 0.640200E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.64020

PROCESSING DISTRIBUTED LOADS CARD NO. 51  
 AT Y-COORD 0.000 Z-COORD -3.900 PRESSURE 3.836  
 Z-COORD -3.700 PRESSURE 3.431  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 20 -.3800E+01 0.726700E+00 /

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.72670

PROCESSING DISTRIBUTED LOADS CARD NO. 52  
AT Y-COORD 0.000 Z-COORD -4.100 PRESSURE 4.202  
Z-COORD -3.900 PRESSURE 3.836  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
21	-.4000E+01	0.8038000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.80380

PROCESSING DISTRIBUTED LOADS CARD NO. 53  
AT Y-COORD 0.000 Z-COORD -4.300 PRESSURE 4.539  
Z-COORD -4.100 PRESSURE 4.202  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
22	-.4200E+01	0.8741000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.87410

PROCESSING DISTRIBUTED LOADS CARD NO. 54  
AT Y-COORD 0.000 Z-COORD -4.500 PRESSURE 4.852  
Z-COORD -4.300 PRESSURE 4.539  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
23	-.4400E+01	0.9391000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.93910

PROCESSING DISTRIBUTED LOADS CARD NO. 55  
AT Y-COORD 0.000 Z-COORD -4.700 PRESSURE 5.146  
Z-COORD -4.500 PRESSURE 4.852  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
24	-.4600E+01	0.9998000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.99980

PROCESSING DISTRIBUTED LOADS CARD NO. 56  
AT Y-COORD 0.000 Z-COORD -4.900 PRESSURE 5.425  
Z-COORD -4.700 PRESSURE 5.146  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
25	-.4800E+01	0.1057100E+01	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0571

PROCESSING DISTRIBUTED LOADS CARD NO. 57  
AT Y-COORD 0.000 Z-COORD -5.100 PRESSURE 5.689  
Z-COORD -4.900 PRESSURE 5.425  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
26	-.5000E+01	0.1111400E+01	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1114

PROCESSING DISTRIBUTED LOADS CARD NO. 58  
AT Y-COORD 0.000 Z-COORD -5.300 PRESSURE 5.942

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L.CURVE	3	Z-COORD -5.100	PRESSURE 5.689				
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
27	-.5200E+01	0.1163100E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.1631			
PROCESSING DISTRIBUTED LOADS CARD NO. 59							
AT Y-COORD	0.000	Z-COORD -5.500	PRESSURE 6.185				
		Z-COORD -5.300	PRESSURE 5.942				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
28	-.5400E+01	0.1212700E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.2127			
PROCESSING DISTRIBUTED LOADS CARD NO. 60							
AT Y-COORD	0.000	Z-COORD -5.700	PRESSURE 6.419				
		Z-COORD -5.500	PRESSURE 6.185				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
29	-.5600E+01	0.1260400E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.2604			
PROCESSING DISTRIBUTED LOADS CARD NO. 61							
AT Y-COORD	0.000	Z-COORD -5.900	PRESSURE 6.644				
		Z-COORD -5.700	PRESSURE 6.419				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
30	-.5800E+01	0.1306300E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.3063			
PROCESSING DISTRIBUTED LOADS CARD NO. 62							
AT Y-COORD	0.000	Z-COORD -6.100	PRESSURE 6.862				
		Z-COORD -5.900	PRESSURE 6.644				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
31	-.6000E+01	0.1350600E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.3506			
PROCESSING DISTRIBUTED LOADS CARD NO. 63							
AT Y-COORD	0.000	Z-COORD -6.300	PRESSURE 7.073				
		Z-COORD -6.100	PRESSURE 6.862				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
32	-.6200E+01	0.1393500E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.3935			
PROCESSING DISTRIBUTED LOADS CARD NO. 64							
AT Y-COORD	0.000	Z-COORD -6.500	PRESSURE 7.278				
		Z-COORD -6.300	PRESSURE 7.073				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	

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33	-.6400E+01	0.1435100E+01 /							
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.4351						
PROCESSING DISTRIBUTED LOADS CARD NO. 65									
AT Y-COORD	0.000	Z-COORD -6.700	PRESSURE	7.477					
		Z-COORD -6.500	PRESSURE	7.278					
L.CURVE	3								
NO. OF GENERATED NODAL FORCES 1									
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /			
34	-.6600E+01	0.1475500E+01 /							
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.4755						
PROCESSING DISTRIBUTED LOADS CARD NO. 66									
AT Y-COORD	0.000	Z-COORD -6.900	PRESSURE	7.672					
		Z-COORD -6.700	PRESSURE	7.477					
L.CURVE	3								
NO. OF GENERATED NODAL FORCES 1									
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /			
35	-.6800E+01	0.1514900E+01 /							
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.5149						
PROCESSING DISTRIBUTED LOADS CARD NO. 67									
AT Y-COORD	0.000	Z-COORD -7.100	PRESSURE	7.861					
		Z-COORD -6.900	PRESSURE	7.672					
L.CURVE	3								
NO. OF GENERATED NODAL FORCES 1									
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /			
36	-.7000E+01	0.1553300E+01 /							
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.5533						
PROCESSING DISTRIBUTED LOADS CARD NO. 68									
AT Y-COORD	0.000	Z-COORD -7.300	PRESSURE	8.046					
		Z-COORD -7.100	PRESSURE	7.861					
L.CURVE	3								
NO. OF GENERATED NODAL FORCES 1									
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /			
37	-.7200E+01	0.1590700E+01 /							
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.5907						
PROCESSING DISTRIBUTED LOADS CARD NO. 69									
AT Y-COORD	0.000	Z-COORD -7.500	PRESSURE	8.227					
		Z-COORD -7.300	PRESSURE	8.046					
L.CURVE	3								
NO. OF GENERATED NODAL FORCES 1									
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /			
38	-.7400E+01	0.1627300E+01 /							
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.6273						
PROCESSING DISTRIBUTED LOADS CARD NO. 70									
AT Y-COORD	0.000	Z-COORD -7.700	PRESSURE	8.404					
		Z-COORD -7.500	PRESSURE	8.227					
L.CURVE	3								
NO. OF GENERATED NODAL FORCES 1									
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /			
39	-.7600E+01	0.1663100E+01 /							
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.6631						

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PROCESSING DISTRIBUTED LOADS CARD NO. 71  
 AT Y-COORD 0.000 Z-COORD -7.900 PRESSURE 8.577  
 Z-COORD -7.700 PRESSURE 8.404

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 40 -.7800E+01 0.1698100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6981

PROCESSING DISTRIBUTED LOADS CARD NO. 72  
 AT Y-COORD 0.000 Z-COORD -8.100 PRESSURE 8.747  
 Z-COORD -7.900 PRESSURE 8.577

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 41 -.8000E+01 0.1732400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7324

PROCESSING DISTRIBUTED LOADS CARD NO. 73  
 AT Y-COORD 0.000 Z-COORD -8.300 PRESSURE 8.914  
 Z-COORD -8.100 PRESSURE 8.747

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 42 -.8200E+01 0.1766100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7661

PROCESSING DISTRIBUTED LOADS CARD NO. 74  
 AT Y-COORD 0.000 Z-COORD -8.500 PRESSURE 9.077  
 Z-COORD -8.300 PRESSURE 8.914

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 43 -.8400E+01 0.1799100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7991

PROCESSING DISTRIBUTED LOADS CARD NO. 75  
 AT Y-COORD 0.000 Z-COORD -8.700 PRESSURE 9.238  
 Z-COORD -8.500 PRESSURE 9.077

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 44 -.8600E+01 0.1831500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8315

PROCESSING DISTRIBUTED LOADS CARD NO. 76  
 AT Y-COORD 0.000 Z-COORD -8.900 PRESSURE 9.396  
 Z-COORD -8.700 PRESSURE 9.238

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 45 -.8800E+01 0.1863400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8634

PROCESSING DISTRIBUTED LOADS CARD NO. 77  
 AT Y-COORD 0.000 Z-COORD -9.100 PRESSURE 9.551  
 Z-COORD -8.900 PRESSURE 9.396

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

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NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
46	-.9000E+01	0.1894700E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.8947			
PROCESSING DISTRIBUTED LOADS CARD NO. 78								
AT Y-COORD	0.000	Z-COORD -9.300	PRESSURE	9.704				
		Z-COORD -9.100	PRESSURE	9.551				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
47	-.9200E+01	0.1925500E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.9255			
PROCESSING DISTRIBUTED LOADS CARD NO. 79								
AT Y-COORD	0.000	Z-COORD -9.500	PRESSURE	9.854				
		Z-COORD -9.300	PRESSURE	9.704				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
48	-.9400E+01	0.1955800E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.9558			
PROCESSING DISTRIBUTED LOADS CARD NO. 80								
AT Y-COORD	0.000	Z-COORD -9.700	PRESSURE	10.00				
		Z-COORD -9.500	PRESSURE	9.854				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
49	-.9600E+01	0.1985400E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.9854			
PROCESSING DISTRIBUTED LOADS CARD NO. 81								
AT Y-COORD	0.000	Z-COORD -9.900	PRESSURE	10.15				
		Z-COORD -9.700	PRESSURE	10.00				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
50	-.9800E+01	0.2015000E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					2.0150			
PROCESSING DISTRIBUTED LOADS CARD NO. 82								
AT Y-COORD	0.000	Z-COORD -10.00	PRESSURE	10.22				
		Z-COORD -9.900	PRESSURE	10.15				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
51	-.1000E+02	0.1018500E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.0185			
NO. OF DISTRIBUTED LOAD CARDS 82								



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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:40:48

L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 126.95430  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO.	60	D-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1	NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	&gt;= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	&gt;= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	45	U-KAED	&gt;= 0.43300	WALL NO.	1
ITEM NO.	46	U-KAEW	&gt;= 0.50300	WALL NO.	1
ITEM NO.	47	U-KPED	&gt;= 2.8710	WALL NO.	1
ITEM NO.	48	U-KPEW	&gt;= 2.6610	WALL NO.	1
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	&gt;= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	&gt;= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	95	D-KAED	&gt;= 0.43300	WALL NO.	1
ITEM NO.	96	D-KAEW	&gt;= 0.50300	WALL NO.	1
ITEM NO.	97	D-KPED	&gt;= 2.8710	WALL NO.	1
ITEM NO.	98	D-KPEW	&gt;= 2.6610	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	&gt;= 0.24400	WALL NO.	1
ITEM NO.	46	U-KAEW	&gt;= 0.27900	WALL NO.	1
ITEM NO.	47	U-KPED	&gt;= 7.2110	WALL NO.	1
ITEM NO.	48	U-KPEW	&gt;= 6.9350	WALL NO.	1
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	&gt;= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	&gt;= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	&gt;= 0.24400	WALL NO.	1
ITEM NO.	96	D-KAEW	&gt;= 0.27900	WALL NO.	1
ITEM NO.	97	D-KPED	&gt;= 7.2110	WALL NO.	1
ITEM NO.	98	D-KPEW	&gt;= 6.9350	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	&gt;= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	&gt;= 37.000	(BOTH WALLS)	

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ITEM NO. 10	U-KA	>= 0.20500	WALL NO.	1
ITEM NO. 11	U-KP	>= 7.5190	WALL NO.	1
ITEM NO. 12	K0-NC	>= 0.76000	(BOTH WALLS)	
ITEM NO. 13	NEXP	>= 2.0000	(BOTH WALLS)	
ITEM NO. 14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO. 16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO. 17	EVC	>= 75000.	(BOTH WALLS)	
ITEM NO. 18	EUR	>= 0.18800E+06	(BOTH WALLS)	
ITEM NO. 27	U-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO. 45	U-KAED	>= 0.24400	WALL NO.	1
ITEM NO. 46	U-KAEW	>= 0.27900	WALL NO.	1
ITEM NO. 47	U-KPED	>= 7.2110	WALL NO.	1
ITEM NO. 48	U-KPEW	>= 6.9420	WALL NO.	1
ITEM NO. 52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO. 53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO. 58	D-COHE	>= 20.000	(BOTH WALLS)	
ITEM NO. 59	D-FRICT	>= 37.000	(BOTH WALLS)	
ITEM NO. 60	D-KA	>= 0.20500	WALL NO.	1
ITEM NO. 61	D-KP	>= 7.5190	WALL NO.	1
ITEM NO. 77	D-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO. 95	D-KAED	>= 0.24400	WALL NO.	1
ITEM NO. 96	D-KAEW	>= 0.27900	WALL NO.	1
ITEM NO. 97	D-KPED	>= 7.2110	WALL NO.	1
ITEM NO. 98	D-KPEW	>= 6.9420	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 9 VALUES



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 NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
 Exe Time : 8 June 2018 11:40:48

PHASE DESCRIPTORS

STEP NO.		LEFT WALL	RIGHT WALL
1	Y	0.000	-0.9990E+30
	Z-PC	0.000	0.000
	Z-EXCAVATION	0.000	0.000
	Z-WATER_TABLE	-0.5000	-0.9990E+30
	Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
	ZQ	0.000	0.000
	DZW_OF_THE_WATER_TABLE	0.000	0.000
	QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
	ZQS	-0.9990E+30	-0.9990E+30
	ZCUT	0.000	0.000
	BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
	WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
	PORE_UPDATE_FLAG	0.000	0.000
	PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
	lateral thrusts reduction elevatio	0.000	0.000
	Downhill reduction factor for effe	0.000	0.000
	Downhill reduction factor for pore	0.000	0.000
	Uphill reduction factor for effect	0.000	0.000
	Uphill reduction factor for pore p	0.000	0.000
	SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
	UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
	DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
	UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
	UPHILL DELTA/PHI RATIO	0.000	0.000
	DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
	DOWNHILL DELTA/PHI RATIO	0.000	0.000
	DYN.WATER BEHAVIOUR	0.000	0.000
	Excess pore pressure RATIO Ru	0.000	0.000
	SEISMIC PRESSURE LOWER VALUE	0.000	0.000
	SEISMIC PRESSURE UPPER VALUE	0.000	0.000
	SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
	SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 1

STEP NO.		LEFT WALL	RIGHT WALL
2	Y	0.000	-0.9990E+30
	Z-PC	0.000	0.000
	Z-EXCAVATION	-2.420	0.000
	Z-WATER_TABLE	-1.400	-0.9990E+30
	Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
	ZQ	0.000	0.000
	DZW_OF_THE_WATER_TABLE	1.500	0.000
	QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
	ZQS	-0.9990E+30	-0.9990E+30
	ZCUT	0.000	0.000
	BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
	WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
	PORE_UPDATE_FLAG	0.000	0.000
	PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
	lateral thrusts reduction elevatio	0.000	0.000
	Downhill reduction factor for effe	0.000	0.000
	Downhill reduction factor for pore	0.000	0.000
	Uphill reduction factor for effect	0.000	0.000
	Uphill reduction factor for pore p	0.000	0.000
	SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
	UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
	DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
	UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
	UPHILL DELTA/PHI RATIO	0.000	0.000
	DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
	DOWNHILL DELTA/PHI RATIO	0.000	0.000
	DYN.WATER BEHAVIOUR	0.000	0.000
	Excess pore pressure RATIO Ru	0.000	0.000
	SEISMIC PRESSURE LOWER VALUE	0.000	0.000
	SEISMIC PRESSURE UPPER VALUE	0.000	0.000
	SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
	SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-2.420	0.000
Z-WATER_TABLE	-1.400	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.7460E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	26.57	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000



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Exe Time : 8 June 2018 11:40:48

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.76000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.12000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.48000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.84000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.20000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.56000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 14.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 15.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 15.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 16.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 16.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 16.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.2000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.5600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 38.6400000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 42.0000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 45.3600000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 48.7200000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000



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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 5258

NO. OF D.P.W FOR THIS AREA 6023  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.3158E-27 REMNOR= 0.000 RATIO =0.7121E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.7121E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.1191E-28 REMNOR=0.2834E-53 RATIO =0.1383E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.1383E-16 RATIOR= 0.000  
MAX UN=0.1767E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.4362E-15 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.6385E-29 REMNOR=0.4958E-53 RATIO =0.1013E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.1013E-16 RATIOR= 0.000  
MAX UN=0.1141E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.2735E-15 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835

Exe Time : 8 June 2018 11:40:48

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS







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33 D	28.13	-1.8788E-20	75.08 81.63 75.08	81.63	V-C 5.6090E+04 -6.400 59.00 1.000 1.000
140.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.86	-1.8631E-20	77.52 83.30 77.52	83.30	V-C 5.6090E+04 -6.600 61.00 1.000 1.000
144.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.59	-1.7957E-20	79.96 84.97 79.96	84.97	V-C 5.6090E+04 -6.800 63.00 1.000 1.000
148.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.33	-1.6678E-20	82.40 86.63 82.40	86.63	V-C 5.6090E+04 -7.000 65.00 1.000 1.000
151.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.06	-1.4707E-20	84.84 88.28 84.84	88.28	V-C 5.6090E+04 -7.200 67.00 1.000 1.000
155.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.79	-1.1953E-20	87.28 89.93 87.28	89.93	V-C 5.6090E+04 -7.400 69.00 1.000 1.000
158.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.52	-8.3230E-21	89.72 91.58 89.72	91.58	V-C 5.6090E+04 -7.600 71.00 1.000 1.000
162.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.25	-3.7418E-21	92.16 93.23 92.16	93.23	V-C 5.6090E+04 -7.800 73.00 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	33.97	1.8075E-21	94.60 94.87 94.60	94.87	V-C 5.6090E+04 -8.000 75.00 1.000 1.000
169.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.70	8.3249E-21	97.04 96.51 97.04	96.51	V-C 5.6090E+04 -8.200 77.00 1.000 1.000
173.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.43	1.5808E-20	99.48 98.15 99.48	98.15	V-C 5.6090E+04 -8.400 79.00 1.000 1.000
177.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.16	2.4235E-20	101.9 99.79 101.9	99.79	V-C 5.6090E+04 -8.600 81.00 1.000 1.000
180.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	36.89	3.3505E-20	104.4 101.4 104.4	101.4	V-C 5.6090E+04 -8.800 83.00 1.000 1.000
184.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.61	4.3438E-20	106.8 103.1 106.8	103.1	V-C 5.6090E+04 -9.000 85.00 1.000 1.000
188.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.34	5.3828E-20	109.2 104.7 109.2	104.7	V-C 5.6090E+04 -9.200 87.00 1.000 1.000
191.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.07	6.4478E-20	111.7 106.3 111.7	106.3	V-C 5.6090E+04 -9.400 89.00 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	39.79	7.5256E-20	114.1 108.0 114.1	108.0	V-C 5.6090E+04 -9.600 91.00 1.000 1.000
199.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	40.52	8.6090E-20	116.6 109.6 116.6	109.6	V-C 5.6090E+04 -9.800 93.00 1.000 1.000
202.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.62	9.6930E-20	119.0 111.2 119.0	111.2	V-C 5.6090E+04 -10.00 95.00 1.000 1.000
206.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:40:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-1.88196E-17	1.88196E-17	2.20881E-29	3.76391E-18	
2 1.69208E-16	1.69208E-16	3.76391E-18	3.00777E-17	
3-3.05274E-16	3.05274E-16	3.00777E-17	3.09770E-17	
4-3.32034E-16	3.32034E-16	3.09770E-17	9.73839E-17	
5-3.55148E-16	3.55148E-16	9.73839E-17	1.68413E-16	
6-3.74589E-16	3.74589E-16	1.68413E-16	2.43331E-16	
7-3.90321E-16	3.90321E-16	2.43331E-16	3.21395E-16	
8-4.02293E-16	4.02293E-16	3.21395E-16	4.01854E-16	
9-4.28188E-16	4.28188E-16	4.01854E-16	4.87491E-16	
10-4.41679E-16	4.41679E-16	4.87491E-16	5.75827E-16	
11-4.42470E-16	4.42470E-16	5.75827E-16	6.64321E-16	
12-4.30225E-16	4.30225E-16	6.64321E-16	7.50366E-16	
13-4.04578E-16	4.04578E-16	7.50366E-16	8.31282E-16	
14-3.65147E-16	3.65147E-16	8.31282E-16	9.04311E-16	
15-3.11550E-16	3.11550E-16	9.04311E-16	9.66621E-16	
16-2.43432E-16	2.43432E-16	9.66621E-16	1.01531E-15	
17-1.60485E-16	1.60485E-16	1.01531E-15	1.04740E-15	
18-6.24845E-17	6.24845E-17	1.04740E-15	1.05990E-15	
19 5.06816E-17	5.06816E-17	1.05990E-15	1.04977E-15	
20 1.78977E-16	1.78977E-16	1.04977E-15	1.01397E-15	
21 3.22176E-16	3.22176E-16	1.01397E-15	9.49535E-16	
22 4.79829E-16	4.79829E-16	9.49535E-16	8.53569E-16	
23 6.51216E-16	6.51216E-16	8.53569E-16	7.23326E-16	
24 8.35311E-16	8.35311E-16	7.23326E-16	5.56264E-16	
25 1.03074E-15	1.03074E-15	5.56264E-16	3.50116E-16	
26 1.28699E-15	1.28699E-15	3.50116E-16	9.27185E-17	
27 5.10521E-15	5.10521E-15	9.27185E-17	9.28323E-16	
28 5.37667E-15	5.37667E-15	9.28323E-16	2.00366E-15	
29 5.65020E-15	5.65020E-15	2.00366E-15	3.13370E-15	
30 5.92130E-15	5.92130E-15	3.13370E-15	4.31796E-15	
31 6.18483E-15	6.18483E-15	4.31796E-15	5.55492E-15	
32 6.43505E-15	6.43505E-15	5.55492E-15	6.84193E-15	
33 6.66565E-15	6.66565E-15	6.84193E-15	8.17506E-15	
34 6.86979E-15	6.86979E-15	8.17506E-15	9.54902E-15	
35 7.04017E-15	7.04017E-15	9.54902E-15	1.09570E-14	
36 7.16914E-15	7.16914E-15	1.09570E-14	1.23909E-14	
37 7.24883E-15	7.24883E-15	1.23909E-14	1.38406E-14	
38 7.27124E-15	7.27124E-15	1.38406E-14	1.52949E-14	
39 1.22961E-16	1.22961E-16	1.52949E-14	1.53195E-14	
40 7.07101E-18	7.07101E-18	1.53195E-14	1.53209E-14	
41-1.89303E-16	1.89303E-16	1.53209E-14	1.52830E-14	
42-4.73115E-16	4.73115E-16	1.52830E-14	1.51884E-14	
43-7.95611E-15	7.95611E-15	1.51884E-14	1.35972E-14	
44-1.55384E-14	1.55384E-14	1.35972E-14	1.04895E-14	
45-1.61194E-14	1.61194E-14	1.04895E-14	7.26563E-15	
46-1.68083E-14	1.68083E-14	7.26563E-15	3.90398E-15	
47-1.05025E-14	1.05025E-14	3.90398E-15	1.80349E-15	
48-4.30951E-15	4.30951E-15	1.80349E-15	9.41584E-16	
49-5.33606E-15	5.33606E-15	9.41584E-16	1.25623E-16	
50 6.28097E-16	6.28097E-16	1.25623E-16	6.05845E-28	

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6532E+05 RIMNOR=0.4562E-26  
RENORM= 1261. REMNOR=0.4958E-53 RATIO =0.1389 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 43.14 RMMAX =0.1532E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.6532E+05 RDR =0.1000E-18  
RATIOT=0.1389 RATIO= 0.000  
MAX UN= 12.18 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
MIN UN=-9.089 IEQ= 29 NODE 15 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6532E+05 RIMNOR=0.4562E-26  
RENORM=0.7933 REMNOR=0.1635E-20 RATIO =0.3485E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 43.14 RMMAX =0.1532E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18

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RDT =0.6532E+05 RDR =0.1000E-18  
RATIOT=0.3485E-02 RATIO= 0.000  
MAX UN=0.8521 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.2450 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6532E+05 RIMNOR=0.4562E-26  
RENORM=0.2945E-04 REMNOR=0.1211E-21 RATIO =0.2123E-04 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 43.14 RMMAX =0.1532E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.6532E+05 RDR =0.1000E-18  
RATIOT=0.2123E-04 RATIO= 0.000  
MAX UN=0.8090E-10 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
MIN UN=-.3511E-02 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:40:48

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	8.3722257E-04	-2.6153368E-04	
2	7.8491583E-04	-2.6153368E-04	
3	7.3260910E-04	-2.6153368E-04	
4	6.8030316E-04	-2.6152176E-04	
5	6.2800517E-04	-2.6143816E-04	
6	5.7574119E-04	-2.6115504E-04	
7	5.2356907E-04	-2.6048322E-04	
8	4.7159014E-04	-2.5917792E-04	
9	4.1995985E-04	-2.5694336E-04	
10	3.6888710E-04	-2.5359414E-04	
11	3.1860385E-04	-2.4902010E-04	
12	2.6937591E-04	-2.4299337E-04	
13	2.2152618E-04	-2.3517148E-04	
14	1.7545726E-04	-2.2510042E-04	
15	1.3163841E-04	-2.1274338E-04	
16	9.0473476E-05	-1.9868286E-04	
17	5.2235569E-05	-1.8356497E-04	
18	1.7084236E-05	-1.6789295E-04	
19	-1.4911061E-05	-1.5206267E-04	
20	-4.3751078E-05	-1.3638607E-04	
21	-6.9492138E-05	-1.2111109E-04	
22	-9.2235300E-05	-1.0643485E-04	
23	-1.1211633E-04	-9.2512388E-05	
24	-1.2929847E-04	-7.9463193E-05	
25	-1.4396582E-04	-6.7377107E-05	
26	-1.5631787E-04	-5.6319287E-05	
27	-1.6656363E-04	-4.6313759E-05	
28	-1.7491246E-04	-3.7345423E-05	
29	-1.8156887E-04	-2.9383175E-05	
30	-1.8672988E-04	-2.2383120E-05	
31	-1.9058269E-04	-1.6291603E-05	
32	-1.9330302E-04	-1.1047818E-05	
33	-1.9505393E-04	-6.5859417E-06	
34	-1.9598494E-04	-2.8372199E-06	
35	-1.9623169E-04	2.6850190E-07	
36	-1.9591574E-04	2.8013525E-06	
37	-1.9514475E-04	4.8302508E-06	
38	-1.9401278E-04	6.4219617E-06	
39	-1.9260086E-04	7.6402230E-06	
40	-1.9097759E-04	8.5451211E-06	
41	-1.8919998E-04	9.1925384E-06	
42	-1.8731432E-04	9.6337162E-06	
43	-1.8535716E-04	9.9149073E-06	
44	-1.8335629E-04	1.0077098E-05	
45	-1.8133189E-04	1.0155791E-05	
46	-1.7929756E-04	1.0180826E-05	
47	-1.7726154E-04	1.0176246E-05	
48	-1.7522783E-04	1.0160174E-05	
49	-1.7319743E-04	1.0144717E-05	
50	-1.7116951E-04	1.0135880E-05	
51	-1.6914260E-04	1.0133483E-05	



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33 D	29.08	1.9505E-04	118.2 100.1 118.2	100.1	V-C 4.6620E+04 -6.400 45.28 1.000 1.000
145.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	29.82	1.9598E-04	120.9 102.0 120.9	102.0	V-C 4.6620E+04 -6.600 47.09 1.000 1.000
149.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.54	1.9623E-04	124.4 103.8 124.4	103.8	V-C 4.6620E+04 -6.800 48.90 1.000 1.000
152.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	31.26	1.9592E-04	127.4 105.6 127.4	105.6	V-C 4.6620E+04 -7.000 50.71 1.000 1.000
156.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.98	1.9514E-04	130.5 107.4 130.5	107.4	V-C 4.6620E+04 -7.200 52.51 1.000 1.000
159.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	32.69	1.9401E-04	133.5 109.1 133.5	109.1	V-C 4.6620E+04 -7.400 54.32 1.000 1.000
163.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	33.39	1.9260E-04	136.9 110.8 136.9	110.8	V-C 4.6620E+04 -7.600 56.13 1.000 1.000
167.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	34.10	1.9098E-04	139.8 112.6 139.8	112.6	V-C 4.6620E+04 -7.800 57.94 1.000 1.000
170.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	34.80	1.8920E-04	142.8 114.3 142.8	114.3	V-C 4.6620E+04 -8.000 59.74 1.000 1.000
174.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	35.50	1.8731E-04	145.7 116.0 145.7	116.0	V-C 4.6620E+04 -8.200 61.55 1.000 1.000
177.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	36.20	1.8536E-04	149.0 117.7 149.0	117.7	V-C 4.6620E+04 -8.400 63.36 1.000 1.000
181.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.90	1.8336E-04	151.6 119.3 151.6	119.3	V-C 4.6620E+04 -8.600 65.17 1.000 1.000
184.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.60	1.8133E-04	154.8 121.0 154.8	121.0	V-C 4.6620E+04 -8.800 66.98 1.000 1.000
188.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	38.30	1.7930E-04	157.7 122.7 157.7	122.7	V-C 4.6620E+04 -9.000 68.78 1.000 1.000
191.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	39.00	1.7726E-04	160.9 124.4 160.9	124.4	V-C 4.6620E+04 -9.200 70.59 1.000 1.000
195.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.70	1.7523E-04	163.4 126.1 163.4	126.1	UL-RL 1.1686E+05 -9.400 72.40 1.000 1.000
198.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.40	1.7320E-04	166.6 127.8 166.6	127.8	UL-RL 1.1686E+05 -9.600 74.21 1.000 1.000
202.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.09	1.7117E-04	169.4 129.5 169.4	129.5	UL-RL 1.1686E+05 -9.800 76.01 1.000 1.000
205.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.90	1.6914E-04	172.2 131.1 172.2	131.2	UL-RL 1.1686E+05 -10.00 77.82 1.000 1.000
209.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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33 D	27.98	-1.9505E-04	48.53 101.5 75.08	112.9	UL-RL 5.8099E+04 -6.400 38.36 1.000 1.000
139.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.70	-1.9598E-04	50.78 102.9 77.52	114.3	UL-RL 5.8099E+04 -6.600 40.56 1.000 1.000
143.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.44	-1.9623E-04	53.02 104.4 79.96	115.8	UL-RL 5.8099E+04 -6.800 42.75 1.000 1.000
147.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.18	-1.9592E-04	55.27 106.0 82.40	117.4	UL-RL 5.8099E+04 -7.000 44.94 1.000 1.000
150.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	30.94	-1.9514E-04	57.52 107.6 84.84	118.9	UL-RL 5.8099E+04 -7.200 47.13 1.000 1.000
154.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.70	-1.9401E-04	59.77 109.2 87.28	120.5	UL-RL 5.8099E+04 -7.400 49.32 1.000 1.000
158.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.47	-1.9260E-04	62.02 110.9 89.72	122.0	UL-RL 5.8099E+04 -7.600 51.52 1.000 1.000
162.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.25	-1.9098E-04	64.26 112.5 92.16	123.6	UL-RL 5.8099E+04 -7.800 53.71 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	34.03	-1.8920E-04	66.51 114.2 94.60	125.2	UL-RL 5.8099E+04 -8.000 55.90 1.000 1.000
170.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.81	-1.8731E-04	68.76 116.0 97.04	126.8	UL-RL 5.8099E+04 -8.200 58.09 1.000 1.000
174.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.60	-1.8536E-04	71.01 117.7 99.48	128.5	UL-RL 5.8099E+04 -8.400 60.29 1.000 1.000
178.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.39	-1.8336E-04	73.25 119.4 101.9	130.1	UL-RL 5.8099E+04 -8.600 62.48 1.000 1.000
181.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	37.18	-1.8133E-04	75.50 121.2 104.4	131.7	UL-RL 5.8099E+04 -8.800 64.67 1.000 1.000
185.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.97	-1.7930E-04	77.75 123.0 106.8	133.4	UL-RL 5.8099E+04 -9.000 66.86 1.000 1.000
189.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.76	-1.7726E-04	80.00 124.7 109.2	135.0	UL-RL 5.8099E+04 -9.200 69.05 1.000 1.000
193.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.56	-1.7523E-04	82.25 126.5 111.7	136.7	UL-RL 5.8099E+04 -9.400 71.25 1.000 1.000
197.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.35	-1.7320E-04	84.49 128.3 114.1	138.4	UL-RL 5.8099E+04 -9.600 73.44 1.000 1.000
201.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	41.15	-1.7117E-04	86.74 130.1 116.6	140.1	UL-RL 5.8099E+04 -9.800 75.63 1.000 1.000
205.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.97	-1.6914E-04	88.99 131.9 119.0	141.7	UL-RL 5.8099E+04 -10.00 77.82 1.000 1.000
209.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:40:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	3.03544E-11	-3.03544E-11	3.04112E-12	1.01750E-11
2	1.86449E-11	-1.86449E-11	-5.87618E-12	-9.02386E-12
3	0.37717	-0.37717	1.09068E-11	7.54336E-02
4	1.8907	-1.8907	-7.54336E-02	0.45357
5	4.4227	-4.4227	-0.45357	1.3381
6	7.8755	-7.8755	-1.3381	2.9132
7	12.168	-12.168	-2.9132	5.3468
8	17.234	-17.234	-5.3468	8.7937
9	18.034	-18.034	-8.7937	12.400
10	20.720	-20.720	-12.400	16.544
11	25.244	-25.244	-16.544	21.593
12	31.556	-31.556	-21.593	27.904
13	39.608	-39.608	-27.904	35.826
14	32.721	-32.721	-35.826	42.370
15	21.177	-21.177	-42.370	46.606
16	12.276	-12.276	-46.606	49.061
17	5.2595	-5.2595	-49.061	50.113
18	-0.25218	0.25218	-50.113	50.062
19	-4.6101	4.6101	-50.062	49.140
20	-8.0951	8.0951	-49.140	47.521
21	-10.852	10.852	-47.521	45.351
22	-12.998	12.998	-45.351	42.751
23	-14.633	14.633	-42.751	39.825
24	-15.840	15.840	-39.825	36.657
25	-16.694	16.694	-36.657	33.318
26	-16.599	16.599	-33.318	29.998
27	-16.220	16.220	-29.998	26.754
28	-15.613	15.613	-26.754	23.632
29	-14.831	14.831	-23.632	20.665
30	-13.916	13.916	-20.665	17.882
31	-12.906	12.906	-17.882	15.301
32	-11.835	11.835	-15.301	12.934
33	-10.730	10.730	-12.934	10.788
34	-9.6150	9.6150	-10.788	8.8651
35	-8.5108	8.5108	-8.8651	7.1629
36	-7.4341	7.4341	-7.1629	5.6761
37	-6.3990	6.3990	-5.6761	4.3963
38	-5.4171	5.4171	-4.3963	3.3129
39	-4.4978	4.4978	-3.3129	2.4133
40	-3.6489	3.6489	-2.4133	1.6836
41	-2.8765	2.8765	-1.6836	1.1082
42	-2.1855	2.1855	-1.1082	0.67115
43	-1.5797	1.5797	-0.67115	0.35521
44	-1.0622	1.0622	-0.35521	0.14276
45	-0.63551	0.63551	-0.14276	1.56638E-02
46	-0.30156	0.30156	-1.56638E-02	4.46479E-02
47	-6.20574E-02	6.20574E-02	4.46479E-02	5.70594E-02
48	8.15393E-02	-8.15393E-02	5.70594E-02	4.07515E-02
49	0.12791	-0.12791	4.07515E-02	1.51687E-02
50	7.58417E-02	-7.58417E-02	1.51687E-02	1.09956E-12

ITER 0 RNORM = 421.6 RMNORM= 0.000  
RINORM=0.8221E+05 RIMNOR=0.6141E+05  
RENORM= 424.5 REMNOR=0.1211E-21 RATIO =0.7186E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 41.15 RMMAX = 50.11  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.8221E+05 RDR =0.6141E+05  
RATIOT=0.7186E-01 RATIOR= 0.000  
MAX UN= 5.940 IEQ= 101 NODE 51 DOF 1 Y-DISPL.F  
MIN UN=-.4299E-11 IEQ= 4 NODE 2 DOF 2 X-ROT.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 421.6 RMNORM= 0.000  
RINORM=0.8221E+05 RIMNOR=0.6141E+05  
RENORM= 1.229 REMNOR=0.3013E-21 RATIO =0.3867E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 41.15 RMMAX = 50.11  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03

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RDT =0.8221E+05 RDR =0.6141E+05
RATIOT=0.3867E-02 RATIO= 0.000
MAX UN= 1.043 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F
MIN UN=-.1410E-09 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
```

```
ITER 3 RNORM = 421.6 RMNORM= 0.000
RINORM=0.8221E+05 RIMNOR=0.6141E+05
RENORM=0.1897E-19 REMNOR=0.1258E-21 RATIO =0.4803E-12 TOLER =0.1000E-03 CONVERGED !
RFMAX = 41.15 RMMAX = 50.11
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT =0.8221E+05 RDR =0.6141E+05
RATIOT=0.4803E-12 RATIO= 0.000
MAX UN=0.6125E-10 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F
MIN UN=-.6118E-10 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
```

GENERAL CONTRACTOR

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time : 8 June 2018 11:40:48

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	9.3997832E-04	-2.7150838E-04
2	8.8567711E-04	-2.7150146E-04
3	8.3137959E-04	-2.7146685E-04
4	7.7709423E-04	-2.7137433E-04
5	7.2283831E-04	-2.7115496E-04
6	6.6864986E-04	-2.7067135E-04
7	6.1460066E-04	-2.6972447E-04
8	5.6080796E-04	-2.6805924E-04
9	5.0744528E-04	-2.6536928E-04
10	4.5474212E-04	-2.6145133E-04
11	4.0295346E-04	-2.5620263E-04
12	3.5236264E-04	-2.4943038E-04
13	3.0330395E-04	-2.4081853E-04
14	2.5618646E-04	-2.2993817E-04
15	2.1148118E-04	-2.1677023E-04
16	1.6959226E-04	-2.0189391E-04
17	1.3079480E-04	-1.8594699E-04
18	9.5250792E-05	-1.6943719E-04
19	6.3030715E-05	-1.5276556E-04
20	3.4134791E-05	-1.3624060E-04
21	8.5072152E-06	-1.2012643E-04
22	-1.3957376E-05	-1.0463815E-04
23	-3.3399818E-05	-8.9926478E-05
24	-4.9987065E-05	-7.6101272E-05
25	-6.3904361E-05	-6.3236574E-05
26	-7.5348651E-05	-5.1376221E-05
27	-8.4522818E-05	-4.0536067E-05
28	-9.1632153E-05	-3.0732753E-05
29	-9.6884906E-05	-2.1964226E-05
30	-1.0048396E-04	-1.4187462E-05
31	-1.0262233E-04	-7.3473601E-06
32	-1.0348108E-04	-1.3798729E-06
33	-1.0322776E-04	3.7853912E-06
34	-1.0201546E-04	8.2226070E-06
35	-9.9982187E-05	1.2007771E-05
36	-9.7250753E-05	1.5216849E-05
37	-9.3928915E-05	1.7924175E-05
38	-9.0109791E-05	2.0201129E-05
39	-8.5872679E-05	2.2114842E-05
40	-8.1283946E-05	2.3727171E-05
41	-7.6398194E-05	2.5093752E-05
42	-7.1259587E-05	2.6263202E-05
43	-6.5903331E-05	2.7276379E-05
44	-6.0357294E-05	2.8165685E-05
45	-5.4643790E-05	2.8954439E-05
46	-4.8781337E-05	2.9656336E-05
47	-4.2786810E-05	3.0274903E-05
48	-3.6677403E-05	3.0803064E-05
49	-3.0472822E-05	3.1222667E-05
50	-2.4197582E-05	3.1504055E-05
51	-1.7883052E-05	3.1605761E-05





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33 D 26.94	1.0323E-04	118.2 89.40	118.2	100.1	UL-RL 1.1686E+05 -6.400 45.28	1.000	1.000
134.7 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
34 D 27.62	1.0202E-04	120.9 91.01	120.9	102.0	UL-RL 1.1686E+05 -6.600 47.09	1.000	1.000
138.1 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
35 D 28.29	9.9982E-05	124.4 92.56	124.4	103.8	UL-RL 1.1686E+05 -6.800 48.90	1.000	1.000
141.5 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
36 D 28.95	9.7251E-05	127.4 94.07	127.4	105.6	UL-RL 1.1686E+05 -7.000 50.71	1.000	1.000
144.8 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
37 D 29.61	9.3929E-05	130.5 95.54	130.5	107.4	UL-RL 1.1686E+05 -7.200 52.51	1.000	1.000
148.0 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
38 D 30.26	9.0110E-05	133.5 96.97	133.5	109.1	UL-RL 1.1686E+05 -7.400 54.32	1.000	1.000
151.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
39 D 30.90	8.5873E-05	136.9 98.37	136.9	110.8	UL-RL 1.1686E+05 -7.600 56.13	1.000	1.000
154.5 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
40 D 31.53	8.1284E-05	139.8 99.73	139.8	112.6	UL-RL 1.1686E+05 -7.800 57.94	1.000	1.000
157.7 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
41 D 32.16	7.6398E-05	142.8 101.1	142.8	114.3	UL-RL 1.1686E+05 -8.000 59.74	1.000	1.000
160.8 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
42 D 32.79	7.1260E-05	145.7 102.4	145.7	116.0	UL-RL 1.1686E+05 -8.200 61.55	1.000	1.000
163.9 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
43 D 33.41	6.5903E-05	149.0 103.7	149.0	117.7	UL-RL 1.1686E+05 -8.400 63.36	1.000	1.000
167.1 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
44 D 34.03	6.0357E-05	151.6 105.0	151.6	119.3	UL-RL 1.1686E+05 -8.600 65.17	1.000	1.000
170.1 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
45 D 34.64	5.4644E-05	154.8 106.2	154.8	121.0	UL-RL 1.1686E+05 -8.800 66.98	1.000	1.000
173.2 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
46 D 35.25	4.8781E-05	157.7 107.5	157.7	122.7	UL-RL 1.1686E+05 -9.000 68.78	1.000	1.000
176.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
47 D 35.86	4.2787E-05	160.9 108.7	160.9	124.4	UL-RL 1.1686E+05 -9.200 70.59	1.000	1.000
179.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
48 D 36.46	3.6677E-05	163.4 109.9	163.4	126.1	UL-RL 1.1686E+05 -9.400 72.40	1.000	1.000
182.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
49 D 37.06	3.0473E-05	166.6 111.1	166.6	127.8	UL-RL 1.1686E+05 -9.600 74.21	1.000	1.000
185.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
50 D 37.66	2.4198E-05	169.4 112.3	169.4	129.5	UL-RL 1.1686E+05 -9.800 76.01	1.000	1.000
188.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					
51 D 19.13	1.7883E-05	172.2 113.5	172.2	131.2	UL-RL 1.1686E+05 -10.00 77.82	1.000	1.000
191.3 0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_					



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Doc. N.	Progetto INOR	Lotto 11	Codifica Documento E E2 CL GA 160 1 002	Rev. A	Foglio 2020 di 2653
33 D	29.04	-1.0323E-04	48.53 106.9 75.08	112.9	UL-RL 5.8099E+04 -6.400 38.36 1.000 1.000
145.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	29.79	-1.0202E-04	50.78 108.4 77.52	114.3	UL-RL 5.8099E+04 -6.600 40.56 1.000 1.000
149.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.56	-9.9982E-05	53.02 110.0 79.96	115.8	UL-RL 5.8099E+04 -6.800 42.75 1.000 1.000
152.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	31.33	-9.7251E-05	55.27 111.7 82.40	117.4	UL-RL 5.8099E+04 -7.000 44.94 1.000 1.000
156.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	32.12	-9.3929E-05	57.52 113.5 84.84	118.9	UL-RL 5.8099E+04 -7.200 47.13 1.000 1.000
160.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	32.91	-9.0110E-05	59.77 115.2 87.28	120.5	UL-RL 5.8099E+04 -7.400 49.32 1.000 1.000
164.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	33.71	-8.5873E-05	62.02 117.1 89.72	122.0	UL-RL 5.8099E+04 -7.600 51.52 1.000 1.000
168.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	34.52	-8.1284E-05	64.26 118.9 92.16	123.6	UL-RL 5.8099E+04 -7.800 53.71 1.000 1.000
172.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	35.34	-7.6398E-05	66.51 120.8 94.60	125.2	UL-RL 5.8099E+04 -8.000 55.90 1.000 1.000
176.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	36.16	-7.1260E-05	68.76 122.7 97.04	126.8	UL-RL 5.8099E+04 -8.200 58.09 1.000 1.000
180.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	36.98	-6.5903E-05	71.01 124.6 99.48	128.5	UL-RL 5.8099E+04 -8.400 60.29 1.000 1.000
184.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	37.81	-6.0357E-05	73.25 126.6 101.9	130.1	UL-RL 5.8099E+04 -8.600 62.48 1.000 1.000
189.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	38.65	-5.4644E-05	75.50 128.6 104.4	131.7	UL-RL 5.8099E+04 -8.800 64.67 1.000 1.000
193.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	39.48	-4.8781E-05	77.75 130.6 106.8	133.4	UL-RL 5.8099E+04 -9.000 66.86 1.000 1.000
197.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	40.32	-4.2787E-05	80.00 132.6 109.2	135.0	UL-RL 5.8099E+04 -9.200 69.05 1.000 1.000
201.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	41.17	-3.6677E-05	82.25 134.6 111.7	136.7	UL-RL 5.8099E+04 -9.400 71.25 1.000 1.000
205.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	42.01	-3.0473E-05	84.49 136.6 114.1	138.4	UL-RL 5.8099E+04 -9.600 73.44 1.000 1.000
210.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	42.86	-2.4198E-05	86.74 138.7 116.6	140.1	UL-RL 5.8099E+04 -9.800 75.63 1.000 1.000
214.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	21.85	-1.7883E-05	88.99 140.7 119.0	141.7	UL-RL 5.8099E+04 -10.00 77.82 1.000 1.000
218.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICATR\_3835  
Exe Time : 8 June 2018 11:40:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.21896	-0.21896	-3.05533E-12	4.37917E-02
2	0.65688	-0.65688	-4.37917E-02	0.17517
3	1.1760	-1.1760	-0.17517	0.41036
4	2.8373	-2.8373	-0.41036	0.97783
5	5.5231	-5.5231	-0.97783	2.0824
6	9.1354	-9.1354	-2.0824	3.9095
7	13.593	-13.593	-3.9095	6.6282
8	18.830	-18.830	-6.6282	10.394
9	20.024	-20.024	-10.394	14.399
10	22.081	-22.081	-14.399	18.815
11	26.124	-26.124	-18.815	24.040
12	32.082	-32.082	-24.040	30.456
13	39.694	-39.694	-30.456	38.395
14	32.686	-32.686	-38.395	44.932
15	21.368	-21.368	-44.932	49.206
16	12.504	-12.504	-49.206	51.707
17	5.3085	-5.3085	-51.707	52.768
18	-0.18781	0.18781	-52.768	52.731
19	-4.4531	4.4531	-52.731	51.840
20	-8.5420	8.5420	-51.840	50.132
21	-11.264	11.264	-50.132	47.879
22	-13.309	13.309	-47.879	45.217
23	-14.739	14.739	-45.217	42.270
24	-15.651	15.651	-42.270	39.139
25	-16.127	16.127	-39.139	35.914
26	-16.151	16.151	-35.914	32.684
27	-16.657	16.657	-32.684	29.352
28	-16.085	16.085	-29.352	26.135
29	-15.295	15.295	-26.135	23.076
30	-14.341	14.341	-23.076	20.208
31	-13.268	13.268	-20.208	17.555
32	-12.116	12.116	-17.555	15.132
33	-10.920	10.920	-15.132	12.948
34	-9.7112	9.7112	-12.948	11.005
35	-8.5164	8.5164	-11.005	9.3020
36	-7.3588	7.3588	-9.3020	7.8302
37	-6.2588	6.2588	-7.8302	6.5785
38	-5.2343	5.2343	-6.5785	5.5316
39	-4.3016	4.3016	-5.5316	4.6713
40	-3.4740	3.4740	-4.6713	3.9765
41	-2.7633	2.7633	-3.9765	3.4238
42	-2.1812	2.1812	-3.4238	2.9876
43	-1.7382	1.7382	-2.9876	2.6400
44	-1.4432	1.4432	-2.6400	2.3513
45	-1.3051	1.3051	-2.3513	2.0903
46	-1.3315	1.3315	-2.0903	1.8240
47	-1.5290	1.5290	-1.8240	1.5182
48	-1.9057	1.9057	-1.5182	1.1371
49	-2.4674	2.4674	-1.1371	0.64358
50	-3.2178	3.2178	-0.64358	1.17018E-13

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835

Exe Time : 8 June 2018 11:40:48

F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	3
3	CONVERGENCE :YES	3

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.17 [sec]

DATABASE CREATION CPU TIME..... 0.09 [sec]

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## Design Assumption : SISMICA GEO - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:40:49

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SISMICAGEO\_3865

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	51
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	102
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	411
NO. OF LONG NAMES (LASTNAME) .....	15
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	



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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:40:49

P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 411

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -10 0 1
7 : SOIL 0_L LeftWall_32 -10 0 1 0
8 : SOIL 0_R LeftWall_32 -10 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosa2_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -10 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 1.5 28.5 0 20 45
34 : STRIP LeftWall_32 1 1 0 0.4 0 1.68 45
35 : STRIP LeftWall_32 1 1 0.4 0.4 0 5.04 45
36 : STRIP LeftWall_32 1 1 0.8 0.4 0 8.4 45
37 : STRIP LeftWall_32 1 1 1.2 0.4 0 11.76 45
38 : STRIP LeftWall_32 1 1 1.6 0.4 0 15.12 45
39 : STRIP LeftWall_32 1 1 2 0.4 0 18.48 45
40 : STRIP LeftWall_32 1 1 2.4 0.4 0 21.84 45
41 : STRIP LeftWall_32 1 1 2.8 0.4 0 25.2 45
42 : STRIP LeftWall_32 1 1 3.2 0.4 0 28.56 45
43 : STRIP LeftWall_32 1 1 3.6 0.4 0 31.92 45
44 : STRIP LeftWall_32 1 1 4 0.4 0 35.28 45
45 : STRIP LeftWall_32 1 1 4.4 0.4 0 38.64 45
46 : STRIP LeftWall_32 1 1 4.8 0.4 0 42 45
47 : STRIP LeftWall_32 1 1 5.2 0.4 0 45.36 45
48 : STRIP LeftWall_32 1 1 5.6 0.4 0 48.72 45
49 : STRIP LeftWall_32 1 1 6 0.4 0 50.4 45
50 : STRIP LeftWall_32 1 1 6.4 0.4 0 50.4 45
51 : STRIP LeftWall_32 1 1 6.8 0.4 0 50.4 45
52 : STRIP LeftWall_32 1 1 7.2 0.4 0 50.4 45
53 : STRIP LeftWall_32 1 1 7.6 0.4 0 50.4 45
54 : STRIP LeftWall_32 1 1 8 0.4 0 50.4 45
55 : STRIP LeftWall_32 1 1 8.4 0.4 0 50.4 45
56 : STRIP LeftWall_32 1 1 8.8 0.4 0 50.4 45
57 : STRIP LeftWall_32 1 1 9.2 0.4 0 50.4 45
58 : STRIP LeftWall_32 1 1 9.6 0.4 0 50.4 45
59 : STRIP LeftWall_32 1 1 10 0.4 0 50.4 45
60 : STRIP LeftWall_32 1 1 10.4 0.4 0 50.4 45
61 : STRIP LeftWall_32 1 1 10.8 0.4 0 50.4 45
62 : STRIP LeftWall_32 1 1 11.2 0.4 0 50.4 45
63 : STRIP LeftWall_32 1 1 11.6 0.4 0 50.4 45
64 : STRIP LeftWall_32 1 1 12 0.4 0 50.4 45
65 : STRIP LeftWall_32 1 1 12.4 0.4 0 50.4 45
66 : STRIP LeftWall_32 1 1 12.8 0.4 0 50.4 45
67 : STRIP LeftWall_32 1 1 13.2 0.4 0 50.4 45
68 : STRIP LeftWall_32 1 1 13.6 0.4 0 50.4 45
69 : STRIP LeftWall_32 1 1 14 0.4 0 50.4 45
70 : STRIP LeftWall_32 1 1 14.4 0.4 0 50.4 45
71 : STRIP LeftWall_32 1 1 14.8 0.4 0 50.4 45
72 : STRIP LeftWall_32 1 1 15.2 0.4 0 50.4 45
73 : STRIP LeftWall_32 1 1 15.6 0.4 0 50.4 45
74 : STRIP LeftWall_32 1 1 16 0.4 0 50.4 45
75 : STRIP LeftWall_32 1 1 16.4 0.4 0 50.4 45
76 : STRIP LeftWall_32 1 1 16.8 0.4 0 50.4 45
77 : STRIP LeftWall_32 1 1 17.2 0.4 0 50.4 45

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78 : STRIP LeftWall\_32 1 1 17.6 0.4 0 50.4 45  
 79 : STRIP LeftWall\_32 1 1 18.0 0.4 0 50.4 45  
 80 : STRIP LeftWall\_32 1 1 18.4 0.4 0 50.4 45  
 81 : STRIP LeftWall\_32 1 1 18.8 0.4 0 50.4 45  
 82 : STRIP LeftWall\_32 1 1 19.2 0.4 0 50.4 45  
 83 : STRIP LeftWall\_32 1 1 19.6 0.4 0 50.4 45  
 84 : STRIP LeftWall\_32 1 1 20.0 0.4 0 50.4 45  
 85 : STRIP LeftWall\_32 1 1 20.4 0.4 0 50.4 45  
 86 : STRIP LeftWall\_32 1 1 20.8 0.4 0 50.4 45  
 87 : STRIP LeftWall\_32 1 1 21.2 0.4 0 50.4 45  
 88 : STRIP LeftWall\_32 1 1 21.6 0.4 0 50.4 45  
 89 : STRIP LeftWall\_32 1 1 22.0 0.4 0 50.4 45  
 90 : STRIP LeftWall\_32 1 1 22.4 0.4 0 50.4 45  
 91 : STRIP LeftWall\_32 1 1 22.8 0.4 0 50.4 45  
 92 : STRIP LeftWall\_32 1 1 23.2 0.4 0 50.4 45  
 93 : STRIP LeftWall\_32 1 1 23.6 0.4 0 50.4 45  
 94 : STRIP LeftWall\_32 1 1 24.0 0.4 0 50.4 45  
 95 : STRIP LeftWall\_32 1 1 24.4 0.4 0 50.4 45  
 96 : STRIP LeftWall\_32 1 1 24.8 0.4 0 50.4 45  
 97 : STRIP LeftWall\_32 1 1 25.2 0.4 0 50.4 45  
 98 : STRIP LeftWall\_32 1 1 25.6 0.4 0 50.4 45  
 99 : STRIP LeftWall\_32 1 1 26.0 0.4 0 50.4 45  
 100 : STRIP LeftWall\_32 1 1 26.4 0.4 0 50.4 45  
 101 : STRIP LeftWall\_32 1 1 26.8 0.4 0 50.4 45  
 102 : STRIP LeftWall\_32 1 1 27.2 0.4 0 50.4 45  
 103 : STRIP LeftWall\_32 1 1 27.6 0.4 0 50.4 45  
 104 : STRIP LeftWall\_32 1 1 28.0 0.4 0 50.4 45  
 105 : STRIP LeftWall\_32 1 1 28.4 0.4 0 50.4 45  
 106 : STRIP LeftWall\_32 1 1 28.8 0.4 0 50.4 45  
 107 : STRIP LeftWall\_32 1 1 29.2 0.4 0 50.4 45  
 108 : STRIP LeftWall\_32 1 1 29.6 0.4 0 50.4 45  
 109 : STRIP LeftWall\_32 2 2 0.4 0.4 0 1.68 45  
 110 : STRIP LeftWall\_32 2 2 0.4 0.4 0 5.04 45  
 111 : STRIP LeftWall\_32 2 2 0.8 0.4 0 8.4 45  
 112 : STRIP LeftWall\_32 2 2 1.2 0.4 0 11.76 45  
 113 : STRIP LeftWall\_32 2 2 1.6 0.4 0 15.12 45  
 114 : STRIP LeftWall\_32 2 2 2.0 0.4 0 18.48 45  
 115 : STRIP LeftWall\_32 2 2 2.4 0.4 0 21.84 45  
 116 : STRIP LeftWall\_32 2 2 2.8 0.4 0 25.2 45  
 117 : STRIP LeftWall\_32 2 2 3.2 0.4 0 28.56 45  
 118 : STRIP LeftWall\_32 2 2 3.6 0.4 0 31.92 45  
 119 : STRIP LeftWall\_32 2 2 4.0 0.4 0 35.28 45  
 120 : STRIP LeftWall\_32 2 2 4.4 0.4 0 38.64 45  
 121 : STRIP LeftWall\_32 2 2 4.8 0.4 0 42 45  
 122 : STRIP LeftWall\_32 2 2 5.2 0.4 0 45.36 45  
 123 : STRIP LeftWall\_32 2 2 5.6 0.4 0 48.72 45  
 124 : STRIP LeftWall\_32 2 2 6.0 0.4 0 50.4 45  
 125 : STRIP LeftWall\_32 2 2 6.4 0.4 0 50.4 45  
 126 : STRIP LeftWall\_32 2 2 6.8 0.4 0 50.4 45  
 127 : STRIP LeftWall\_32 2 2 7.2 0.4 0 50.4 45  
 128 : STRIP LeftWall\_32 2 2 7.6 0.4 0 50.4 45  
 129 : STRIP LeftWall\_32 2 2 8.0 0.4 0 50.4 45  
 130 : STRIP LeftWall\_32 2 2 8.4 0.4 0 50.4 45  
 131 : STRIP LeftWall\_32 2 2 8.8 0.4 0 50.4 45  
 132 : STRIP LeftWall\_32 2 2 9.2 0.4 0 50.4 45  
 133 : STRIP LeftWall\_32 2 2 9.6 0.4 0 50.4 45  
 134 : STRIP LeftWall\_32 2 2 10.0 0.4 0 50.4 45  
 135 : STRIP LeftWall\_32 2 2 10.4 0.4 0 50.4 45  
 136 : STRIP LeftWall\_32 2 2 10.8 0.4 0 50.4 45  
 137 : STRIP LeftWall\_32 2 2 11.2 0.4 0 50.4 45  
 138 : STRIP LeftWall\_32 2 2 11.6 0.4 0 50.4 45  
 139 : STRIP LeftWall\_32 2 2 12.0 0.4 0 50.4 45  
 140 : STRIP LeftWall\_32 2 2 12.4 0.4 0 50.4 45  
 141 : STRIP LeftWall\_32 2 2 12.8 0.4 0 50.4 45  
 142 : STRIP LeftWall\_32 2 2 13.2 0.4 0 50.4 45  
 143 : STRIP LeftWall\_32 2 2 13.6 0.4 0 50.4 45  
 144 : STRIP LeftWall\_32 2 2 14.0 0.4 0 50.4 45  
 145 : STRIP LeftWall\_32 2 2 14.4 0.4 0 50.4 45  
 146 : STRIP LeftWall\_32 2 2 14.8 0.4 0 50.4 45  
 147 : STRIP LeftWall\_32 2 2 15.2 0.4 0 50.4 45  
 148 : STRIP LeftWall\_32 2 2 15.6 0.4 0 50.4 45  
 149 : STRIP LeftWall\_32 2 2 16.0 0.4 0 50.4 45  
 150 : STRIP LeftWall\_32 2 2 16.4 0.4 0 50.4 45  
 151 : STRIP LeftWall\_32 2 2 16.8 0.4 0 50.4 45  
 152 : STRIP LeftWall\_32 2 2 17.2 0.4 0 50.4 45  
 153 : STRIP LeftWall\_32 2 2 17.6 0.4 0 50.4 45  
 154 : STRIP LeftWall\_32 2 2 18.0 0.4 0 50.4 45  
 155 : STRIP LeftWall\_32 2 2 18.4 0.4 0 50.4 45  
 156 : STRIP LeftWall\_32 2 2 18.8 0.4 0 50.4 45  
 157 : STRIP LeftWall\_32 2 2 19.2 0.4 0 50.4 45  
 158 : STRIP LeftWall\_32 2 2 19.6 0.4 0 50.4 45  
 159 : STRIP LeftWall\_32 2 2 20.0 0.4 0 50.4 45  
 160 : STRIP LeftWall\_32 2 2 20.4 0.4 0 50.4 45  
 161 : STRIP LeftWall\_32 2 2 20.8 0.4 0 50.4 45  
 162 : STRIP LeftWall\_32 2 2 21.2 0.4 0 50.4 45  
 163 : STRIP LeftWall\_32 2 2 21.6 0.4 0 50.4 45  
 164 : STRIP LeftWall\_32 2 2 22.0 0.4 0 50.4 45  
 165 : STRIP LeftWall\_32 2 2 22.4 0.4 0 50.4 45  
 166 : STRIP LeftWall\_32 2 2 22.8 0.4 0 50.4 45  
 167 : STRIP LeftWall\_32 2 2 23.2 0.4 0 50.4 45

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168 : STRIP LeftWall\_32 2 2 23.6 0.4 0 50.4 45  
 169 : STRIP LeftWall\_32 2 2 24 0.4 0 50.4 45  
 170 : STRIP LeftWall\_32 2 2 24.4 0.4 0 50.4 45  
 171 : STRIP LeftWall\_32 2 2 24.8 0.4 0 50.4 45  
 172 : STRIP LeftWall\_32 2 2 25.2 0.4 0 50.4 45  
 173 : STRIP LeftWall\_32 2 2 25.6 0.4 0 50.4 45  
 174 : STRIP LeftWall\_32 2 2 26 0.4 0 50.4 45  
 175 : STRIP LeftWall\_32 2 2 26.4 0.4 0 50.4 45  
 176 : STRIP LeftWall\_32 2 2 26.8 0.4 0 50.4 45  
 177 : STRIP LeftWall\_32 2 2 27.2 0.4 0 50.4 45  
 178 : STRIP LeftWall\_32 2 2 27.6 0.4 0 50.4 45  
 179 : STRIP LeftWall\_32 2 2 28 0.4 0 50.4 45  
 180 : STRIP LeftWall\_32 2 2 28.4 0.4 0 50.4 45  
 181 : STRIP LeftWall\_32 2 2 28.8 0.4 0 50.4 45  
 182 : STRIP LeftWall\_32 2 2 29.2 0.4 0 50.4 45  
 183 : STRIP LeftWall\_32 2 2 29.6 0.4 0 50.4 45  
 184 : STRIP LeftWall\_32 3 3 0 0.4 0 1.68 45  
 185 : STRIP LeftWall\_32 3 3 0.4 0.4 0 5.04 45  
 186 : STRIP LeftWall\_32 3 3 0.8 0.4 0 8.4 45  
 187 : STRIP LeftWall\_32 3 3 1.2 0.4 0 11.76 45  
 188 : STRIP LeftWall\_32 3 3 1.6 0.4 0 15.12 45  
 189 : STRIP LeftWall\_32 3 3 2 0.4 0 18.48 45  
 190 : STRIP LeftWall\_32 3 3 2.4 0.4 0 21.84 45  
 191 : STRIP LeftWall\_32 3 3 2.8 0.4 0 25.2 45  
 192 : STRIP LeftWall\_32 3 3 3.2 0.4 0 28.56 45  
 193 : STRIP LeftWall\_32 3 3 3.6 0.4 0 31.92 45  
 194 : STRIP LeftWall\_32 3 3 4 0.4 0 35.28 45  
 195 : STRIP LeftWall\_32 3 3 4.4 0.4 0 38.64 45  
 196 : STRIP LeftWall\_32 3 3 4.8 0.4 0 42 45  
 197 : STRIP LeftWall\_32 3 3 5.2 0.4 0 45.36 45  
 198 : STRIP LeftWall\_32 3 3 5.6 0.4 0 48.72 45  
 199 : STRIP LeftWall\_32 3 3 6 0.4 0 50.4 45  
 200 : STRIP LeftWall\_32 3 3 6.4 0.4 0 50.4 45  
 201 : STRIP LeftWall\_32 3 3 6.8 0.4 0 50.4 45  
 202 : STRIP LeftWall\_32 3 3 7.2 0.4 0 50.4 45  
 203 : STRIP LeftWall\_32 3 3 7.6 0.4 0 50.4 45  
 204 : STRIP LeftWall\_32 3 3 8 0.4 0 50.4 45  
 205 : STRIP LeftWall\_32 3 3 8.4 0.4 0 50.4 45  
 206 : STRIP LeftWall\_32 3 3 8.8 0.4 0 50.4 45  
 207 : STRIP LeftWall\_32 3 3 9.2 0.4 0 50.4 45  
 208 : STRIP LeftWall\_32 3 3 9.6 0.4 0 50.4 45  
 209 : STRIP LeftWall\_32 3 3 10 0.4 0 50.4 45  
 210 : STRIP LeftWall\_32 3 3 10.4 0.4 0 50.4 45  
 211 : STRIP LeftWall\_32 3 3 10.8 0.4 0 50.4 45  
 212 : STRIP LeftWall\_32 3 3 11.2 0.4 0 50.4 45  
 213 : STRIP LeftWall\_32 3 3 11.6 0.4 0 50.4 45  
 214 : STRIP LeftWall\_32 3 3 12 0.4 0 50.4 45  
 215 : STRIP LeftWall\_32 3 3 12.4 0.4 0 50.4 45  
 216 : STRIP LeftWall\_32 3 3 12.8 0.4 0 50.4 45  
 217 : STRIP LeftWall\_32 3 3 13.2 0.4 0 50.4 45  
 218 : STRIP LeftWall\_32 3 3 13.6 0.4 0 50.4 45  
 219 : STRIP LeftWall\_32 3 3 14 0.4 0 50.4 45  
 220 : STRIP LeftWall\_32 3 3 14.4 0.4 0 50.4 45  
 221 : STRIP LeftWall\_32 3 3 14.8 0.4 0 50.4 45  
 222 : STRIP LeftWall\_32 3 3 15.2 0.4 0 50.4 45  
 223 : STRIP LeftWall\_32 3 3 15.6 0.4 0 50.4 45  
 224 : STRIP LeftWall\_32 3 3 16 0.4 0 50.4 45  
 225 : STRIP LeftWall\_32 3 3 16.4 0.4 0 50.4 45  
 226 : STRIP LeftWall\_32 3 3 16.8 0.4 0 50.4 45  
 227 : STRIP LeftWall\_32 3 3 17.2 0.4 0 50.4 45  
 228 : STRIP LeftWall\_32 3 3 17.6 0.4 0 50.4 45  
 229 : STRIP LeftWall\_32 3 3 18 0.4 0 50.4 45  
 230 : STRIP LeftWall\_32 3 3 18.4 0.4 0 50.4 45  
 231 : STRIP LeftWall\_32 3 3 18.8 0.4 0 50.4 45  
 232 : STRIP LeftWall\_32 3 3 19.2 0.4 0 50.4 45  
 233 : STRIP LeftWall\_32 3 3 19.6 0.4 0 50.4 45  
 234 : STRIP LeftWall\_32 3 3 20 0.4 0 50.4 45  
 235 : STRIP LeftWall\_32 3 3 20.4 0.4 0 50.4 45  
 236 : STRIP LeftWall\_32 3 3 20.8 0.4 0 50.4 45  
 237 : STRIP LeftWall\_32 3 3 21.2 0.4 0 50.4 45  
 238 : STRIP LeftWall\_32 3 3 21.6 0.4 0 50.4 45  
 239 : STRIP LeftWall\_32 3 3 22 0.4 0 50.4 45  
 240 : STRIP LeftWall\_32 3 3 22.4 0.4 0 50.4 45  
 241 : STRIP LeftWall\_32 3 3 22.8 0.4 0 50.4 45  
 242 : STRIP LeftWall\_32 3 3 23.2 0.4 0 50.4 45  
 243 : STRIP LeftWall\_32 3 3 23.6 0.4 0 50.4 45  
 244 : STRIP LeftWall\_32 3 3 24 0.4 0 50.4 45  
 245 : STRIP LeftWall\_32 3 3 24.4 0.4 0 50.4 45  
 246 : STRIP LeftWall\_32 3 3 24.8 0.4 0 50.4 45  
 247 : STRIP LeftWall\_32 3 3 25.2 0.4 0 50.4 45  
 248 : STRIP LeftWall\_32 3 3 25.6 0.4 0 50.4 45  
 249 : STRIP LeftWall\_32 3 3 26 0.4 0 50.4 45  
 250 : STRIP LeftWall\_32 3 3 26.4 0.4 0 50.4 45  
 251 : STRIP LeftWall\_32 3 3 26.8 0.4 0 50.4 45  
 252 : STRIP LeftWall\_32 3 3 27.2 0.4 0 50.4 45  
 253 : STRIP LeftWall\_32 3 3 27.6 0.4 0 50.4 45  
 254 : STRIP LeftWall\_32 3 3 28 0.4 0 50.4 45  
 255 : STRIP LeftWall\_32 3 3 28.4 0.4 0 50.4 45  
 256 : STRIP LeftWall\_32 3 3 28.8 0.4 0 50.4 45  
 257 : STRIP LeftWall\_32 3 3 29.2 0.4 0 50.4 45

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258 : STRIP LeftWall\_32 3 3 29.6 0.4 0 50.4 45  
 259 : STEP Stage1\_31  
 260 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=18.76 LeftWall\_32  
 261 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=18.76 LeftWall\_32  
 262 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.449 LeftWall\_32  
 263 : CHANGE Riporto\_2\_8\_L\_0 U-KP=2.415 LeftWall\_32  
 264 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.449 LeftWall\_32  
 265 : CHANGE Riporto\_2\_8\_L\_0 D-KP=2.415 LeftWall\_32  
 266 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=31.08 LeftWall\_32  
 267 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=31.08 LeftWall\_32  
 268 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.267 LeftWall\_32  
 269 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=4.957 LeftWall\_32  
 270 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.267 LeftWall\_32  
 271 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=4.957 LeftWall\_32  
 272 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=31.08 LeftWall\_32  
 273 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=31.08 LeftWall\_32  
 274 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.267 LeftWall\_32  
 275 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=4.957 LeftWall\_32  
 276 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.267 LeftWall\_32  
 277 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=4.957 LeftWall\_32  
 278 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=4 LeftWall\_32  
 279 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32  
 280 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=4 LeftWall\_32  
 281 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32  
 282 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=8 LeftWall\_32  
 283 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32  
 284 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=8 LeftWall\_32  
 285 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32  
 286 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=16 LeftWall\_32  
 287 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32  
 288 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=16 LeftWall\_32  
 289 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32  
 290 : SETWALL LeftWall\_32  
 291 : GEOM 0 0  
 292 : WATER -0.5 0 -10 0 0  
 293 : ADD WallElement\_33  
 294 : ENDSTEP  
 295 : STEP Stage2\_446  
 296 : SETWALL LeftWall\_32  
 297 : GEOM 0 -2.42  
 298 : WATER -1.4 1.5 -10 0 0  
 299 : ENDSTEP  
 300 : STEP Stage3\_549  
 301 : SETWALL LeftWall\_32  
 302 : GEOM 0 -2.42  
 303 : WATER -1.4 1.5 -10 0 0  
 304 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.512 LeftWall\_32  
 305 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.595 LeftWall\_32  
 306 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.268 LeftWall\_32  
 307 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.078 LeftWall\_32  
 308 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.512 LeftWall\_32  
 309 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.595 LeftWall\_32  
 310 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.268 LeftWall\_32  
 311 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.078 LeftWall\_32  
 312 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAED=0.312 LeftWall\_32  
 313 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAEW=0.353 LeftWall\_32  
 314 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPED=4.726 LeftWall\_32  
 315 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPEW=4.519 LeftWall\_32  
 316 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAED=0.312 LeftWall\_32  
 317 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAEW=0.353 LeftWall\_32  
 318 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPED=4.726 LeftWall\_32  
 319 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPEW=4.519 LeftWall\_32  
 320 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAED=0.312 LeftWall\_32  
 321 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KAEW=0.352 LeftWall\_32  
 322 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPED=4.726 LeftWall\_32  
 323 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KPEW=4.524 LeftWall\_32  
 324 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAED=0.312 LeftWall\_32  
 325 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KAEW=0.352 LeftWall\_32  
 326 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPED=4.726 LeftWall\_32  
 327 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KPEW=4.524 LeftWall\_32  
 328 : EQK USER 0.0746 0 0 26.57 0.66 0 0.66 1 0  
 329 : DLOAD step LeftWall\_32 -2.42 1.243 0 1.243  
 330 : DLOAD step LeftWall\_32 -2.42 0.9375 0 0.9375  
 331 : DLOAD step LeftWall\_32 -1.6 1.888 -1.4 0  
 332 : DLOAD step LeftWall\_32 -1.8 2.67 -1.6 1.888  
 333 : DLOAD step LeftWall\_32 -2 3.27 -1.8 2.67  
 334 : DLOAD step LeftWall\_32 -2.2 3.776 -2 3.27  
 335 : DLOAD step LeftWall\_32 -2.4 4.222 -2.2 3.776  
 336 : DLOAD step LeftWall\_32 -2.6 4.625 -2.4 4.222  
 337 : DLOAD step LeftWall\_32 -2.8 4.995 -2.6 4.625  
 338 : DLOAD step LeftWall\_32 -3 5.34 -2.8 4.995  
 339 : DLOAD step LeftWall\_32 -3.2 5.664 -3 5.34  
 340 : DLOAD step LeftWall\_32 -3.4 5.97 -3.2 5.664  
 341 : DLOAD step LeftWall\_32 -3.6 6.262 -3.4 5.97  
 342 : DLOAD step LeftWall\_32 -3.8 6.54 -3.6 6.262  
 343 : DLOAD step LeftWall\_32 -4 6.807 -3.8 6.54  
 344 : DLOAD step LeftWall\_32 -4.2 7.064 -4 6.807  
 345 : DLOAD step LeftWall\_32 -4.4 7.312 -4.2 7.064  
 346 : DLOAD step LeftWall\_32 -4.6 7.552 -4.4 7.312  
 347 : DLOAD step LeftWall\_32 -4.8 7.784 -4.6 7.552

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348 : DLOAD step LeftWall\_32 -5 8.01 -4.8 7.784  
 349 : DLOAD step LeftWall\_32 -5.2 8.229 -5 8.01  
 350 : DLOAD step LeftWall\_32 -5.4 8.443 -5.2 8.229  
 351 : DLOAD step LeftWall\_32 -5.6 8.652 -5.4 8.443  
 352 : DLOAD step LeftWall\_32 -5.8 8.855 -5.6 8.652  
 353 : DLOAD step LeftWall\_32 -6 9.054 -5.8 8.855  
 354 : DLOAD step LeftWall\_32 -6.2 9.249 -6 9.054  
 355 : DLOAD step LeftWall\_32 -6.4 9.44 -6.2 9.249  
 356 : DLOAD step LeftWall\_32 -6.6 9.627 -6.4 9.44  
 357 : DLOAD step LeftWall\_32 -6.8 9.81 -6.6 9.627  
 358 : DLOAD step LeftWall\_32 -7 9.99 -6.8 9.81  
 359 : DLOAD step LeftWall\_32 -7.2 10.17 -7 9.99  
 360 : DLOAD step LeftWall\_32 -7.4 10.34 -7.2 10.17  
 361 : DLOAD step LeftWall\_32 -7.6 10.51 -7.4 10.34  
 362 : DLOAD step LeftWall\_32 -7.8 10.68 -7.6 10.51  
 363 : DLOAD step LeftWall\_32 -8 10.85 -7.8 10.68  
 364 : DLOAD step LeftWall\_32 -8.2 11.01 -8 10.85  
 365 : DLOAD step LeftWall\_32 -8.4 11.17 -8.2 11.01  
 366 : DLOAD step LeftWall\_32 -8.6 11.33 -8.4 11.17  
 367 : DLOAD step LeftWall\_32 -8.8 11.48 -8.6 11.33  
 368 : DLOAD step LeftWall\_32 -9 11.64 -8.8 11.48  
 369 : DLOAD step LeftWall\_32 -9.2 11.79 -9 11.64  
 370 : DLOAD step LeftWall\_32 -9.4 11.94 -9.2 11.79  
 371 : DLOAD step LeftWall\_32 -9.6 12.09 -9.4 11.94  
 372 : DLOAD step LeftWall\_32 -9.8 12.24 -9.6 12.09  
 373 : DLOAD step LeftWall\_32 -10 12.38 -9.8 12.24  
 374 : DLOAD step LeftWall\_32 -10 12.38 -10 12.38  
 375 : DLOAD step LeftWall\_32 -3.1 1.715 -2.9 0  
 376 : DLOAD step LeftWall\_32 -3.3 2.426 -3.1 1.715  
 377 : DLOAD step LeftWall\_32 -3.5 2.971 -3.3 2.426  
 378 : DLOAD step LeftWall\_32 -3.7 3.431 -3.5 2.971  
 379 : DLOAD step LeftWall\_32 -3.9 3.836 -3.7 3.431  
 380 : DLOAD step LeftWall\_32 -4.1 4.202 -3.9 3.836  
 381 : DLOAD step LeftWall\_32 -4.3 4.539 -4.1 4.202  
 382 : DLOAD step LeftWall\_32 -4.5 4.852 -4.3 4.539  
 383 : DLOAD step LeftWall\_32 -4.7 5.146 -4.5 4.852  
 384 : DLOAD step LeftWall\_32 -4.9 5.425 -4.7 5.146  
 385 : DLOAD step LeftWall\_32 -5.1 5.689 -4.9 5.425  
 386 : DLOAD step LeftWall\_32 -5.3 5.942 -5.1 5.689  
 387 : DLOAD step LeftWall\_32 -5.5 6.185 -5.3 5.942  
 388 : DLOAD step LeftWall\_32 -5.7 6.419 -5.5 6.185  
 389 : DLOAD step LeftWall\_32 -5.9 6.644 -5.7 6.419  
 390 : DLOAD step LeftWall\_32 -6.1 6.862 -5.9 6.644  
 391 : DLOAD step LeftWall\_32 -6.3 7.073 -6.1 6.862  
 392 : DLOAD step LeftWall\_32 -6.5 7.278 -6.3 7.073  
 393 : DLOAD step LeftWall\_32 -6.7 7.477 -6.5 7.278  
 394 : DLOAD step LeftWall\_32 -6.9 7.672 -6.7 7.477  
 395 : DLOAD step LeftWall\_32 -7.1 7.861 -6.9 7.672  
 396 : DLOAD step LeftWall\_32 -7.3 8.046 -7.1 7.861  
 397 : DLOAD step LeftWall\_32 -7.5 8.227 -7.3 8.046  
 398 : DLOAD step LeftWall\_32 -7.7 8.404 -7.5 8.227  
 399 : DLOAD step LeftWall\_32 -7.9 8.577 -7.7 8.404  
 400 : DLOAD step LeftWall\_32 -8.1 8.747 -7.9 8.577  
 401 : DLOAD step LeftWall\_32 -8.3 8.914 -8.1 8.747  
 402 : DLOAD step LeftWall\_32 -8.5 9.077 -8.3 8.914  
 403 : DLOAD step LeftWall\_32 -8.7 9.238 -8.5 9.077  
 404 : DLOAD step LeftWall\_32 -8.9 9.396 -8.7 9.238  
 405 : DLOAD step LeftWall\_32 -9.1 9.551 -8.9 9.396  
 406 : DLOAD step LeftWall\_32 -9.3 9.704 -9.1 9.551  
 407 : DLOAD step LeftWall\_32 -9.5 9.854 -9.3 9.704  
 408 : DLOAD step LeftWall\_32 -9.7 10 -9.5 9.854  
 409 : DLOAD step LeftWall\_32 -9.9 10.15 -9.7 10  
 410 : DLOAD step LeftWall\_32 -10 10.22 -9.9 10.15  
 411 : ENDSTEP

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:40:49

N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.000	/				

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```

ELEMENT GROUP NO. 1

```

0_L
5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage status
-----
1 active
2 active
3 active

```

```

material set no. 1
prop( 1) angle 0.00000
prop( 2) layer as foreseen 1.00000

```

```

material set no. 2
prop( 1) angle 0.00000
prop( 2) layer as foreseen 2.00000

```

```

material set no. 3
prop( 1) angle 0.00000
prop( 2) layer as foreseen 3.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000

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43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.1000	0.000	0.000	0.000	1.000



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```

ELEMENT GROUP NO. 2

0\_R  
5 51 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

```

stage  status
-----
1  active
2  active
3  active
    
```

```

material set no.  1

prop( 1) angle           180.000
prop( 2) layer as foreseen 1.00000
    
```

```

material set no.  2

prop( 1) angle           180.000
prop( 2) layer as foreseen 2.00000
    
```

```

material set no.  3

prop( 1) angle           180.000
prop( 2) layer as foreseen 3.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000

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43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.1000	0.000	0.000	0.000	2.000

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          NewProject.BaseDesignSection_28.SISMICAGEO_3865
          Exe Time : 8 June 2018      11:40:49
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```

ELEMENT GROUP NO. 3

```

WallElement_33
  2 50 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

```

```

.....
.....2D WALL ELEMENT.....
.....

```

element group behaviour throughout stage analysis

```

stage  status
-----
  1  active
  2  active
  3  active

```

material set no. 1

```

prop( 1) young modulus      0.314800E+08
prop( 2) modification time  0.00000
prop( 3) new young modulus  0.00000
prop( 4) poisson ratio      0.00000
prop( 5) future .....      0.00000

```

```

no. of step variable items: 1
step  inertia multiplier
-----
  1  1.000
  2  1.000
  3  1.000

```

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865

Exe Time : 8 June 2018 11:40:49

NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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Exe Time : 8 June 2018 11:40:49

L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -2.420 PRESSURE 1.243  
Z-COORD 0.000 PRESSURE 1.243



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L.CURVE 3

NO. OF GENERATED NODAL FORCES 13

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
13	-.2400E+01	0.1372479E+00 /	12	-.2200E+01	0.2496358E+00 /	11	-.2000E+01	0.2496358E+00 /
10	-.1800E+01	0.2496358E+00 /	9	-.1600E+01	0.2496358E+00 /	8	-.1400E+01	0.2496358E+00 /
7	-.1200E+01	0.2496358E+00 /	6	-.1000E+01	0.2496358E+00 /	5	-.8000E+00	0.2496358E+00 /
4	-.6000E+00	0.2496358E+00 /	3	-.4000E+00	0.2496358E+00 /	2	-.2000E+00	0.2496358E+00 /
1	0.0000E+00	0.1248179E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 3.0081

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
 AT Y-COORD 0.000 Z-COORD -2.420 PRESSURE 0.9375  
 Z-COORD 0.000 PRESSURE 0.9375

L.CURVE 3

NO. OF GENERATED NODAL FORCES 13

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
13	-.2400E+01	0.1035156E+00 /	12	-.2200E+01	0.1882812E+00 /	11	-.2000E+01	0.1882813E+00 /
10	-.1800E+01	0.1882812E+00 /	9	-.1600E+01	0.1882813E+00 /	8	-.1400E+01	0.1882813E+00 /
7	-.1200E+01	0.1882812E+00 /	6	-.1000E+01	0.1882812E+00 /	5	-.8000E+00	0.1882812E+00 /
4	-.6000E+00	0.1882812E+00 /	3	-.4000E+00	0.1882812E+00 /	2	-.2000E+00	0.1882812E+00 /
1	0.0000E+00	0.9414062E-01 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2687

PROCESSING DISTRIBUTED LOADS CARD NO. 3  
 AT Y-COORD 0.000 Z-COORD -1.600 PRESSURE 1.888  
 Z-COORD -1.400 PRESSURE 0.000

L.CURVE 3

NO. OF GENERATED NODAL FORCES 2

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
9	-.1600E+01	0.1888000E+00 /	8	-.1400E+01	0.0000000E+00 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.18880

PROCESSING DISTRIBUTED LOADS CARD NO. 4  
 AT Y-COORD 0.000 Z-COORD -1.800 PRESSURE 2.670  
 Z-COORD -1.600 PRESSURE 1.888

L.CURVE 3

NO. OF GENERATED NODAL FORCES 2

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
10	-.1800E+01	0.2670000E+00 /	9	-.1600E+01	0.1888000E+00 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.45580

PROCESSING DISTRIBUTED LOADS CARD NO. 5  
 AT Y-COORD 0.000 Z-COORD -2.000 PRESSURE 3.270  
 Z-COORD -1.800 PRESSURE 2.670

L.CURVE 3

NO. OF GENERATED NODAL FORCES 2

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
11	-.2000E+01	0.3270000E+00 /	10	-.1800E+01	0.2670000E+00 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.59400

PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -2.200 PRESSURE 3.776  
 Z-COORD -2.000 PRESSURE 3.270

L.CURVE 3

NO. OF GENERATED NODAL FORCES 2

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
12	-.2200E+01	0.3776000E+00 /	11	-.2000E+01	0.3270000E+00 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.70460

PROCESSING DISTRIBUTED LOADS CARD NO. 7

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AT Y-COORD 0.000 Z-COORD -2.400 PRESSURE 4.222  
Z-COORD -2.200 PRESSURE 3.776  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
13 -.2400E+01 0.4222000E+00 / 12 -.2200E+01 0.3776000E+00 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.79980

PROCESSING DISTRIBUTED LOADS CARD NO. 8  
AT Y-COORD 0.000 Z-COORD -2.600 PRESSURE 4.625  
Z-COORD -2.400 PRESSURE 4.222  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
14 -.2600E+01 0.4625000E+00 / 13 -.2400E+01 0.4222000E+00 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.88470

PROCESSING DISTRIBUTED LOADS CARD NO. 9  
AT Y-COORD 0.000 Z-COORD -2.800 PRESSURE 4.995  
Z-COORD -2.600 PRESSURE 4.625  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
15 -.2800E+01 0.4995000E+00 / 14 -.2600E+01 0.4625000E+00 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.96200

PROCESSING DISTRIBUTED LOADS CARD NO. 10  
AT Y-COORD 0.000 Z-COORD -3.000 PRESSURE 5.340  
Z-COORD -2.800 PRESSURE 4.995  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
16 -.3000E+01 0.5340000E+00 / 15 -.2800E+01 0.4995000E+00 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0335

PROCESSING DISTRIBUTED LOADS CARD NO. 11  
AT Y-COORD 0.000 Z-COORD -3.200 PRESSURE 5.664  
Z-COORD -3.000 PRESSURE 5.340  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
16 -.3000E+01 0.1100400E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1004

PROCESSING DISTRIBUTED LOADS CARD NO. 12  
AT Y-COORD 0.000 Z-COORD -3.400 PRESSURE 5.970  
Z-COORD -3.200 PRESSURE 5.664  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
17 -.3200E+01 0.1163400E+01 /  
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1634

PROCESSING DISTRIBUTED LOADS CARD NO. 13  
AT Y-COORD 0.000 Z-COORD -3.600 PRESSURE 6.262  
Z-COORD -3.400 PRESSURE 5.970  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /



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18	- .3400E+01	0.1223200E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.2232				
PROCESSING DISTRIBUTED LOADS CARD NO.		14					
AT Y-COORD	0.000	Z-COORD -3.800	PRESSURE 6.540				
		Z-COORD -3.600	PRESSURE 6.262				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES		1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
19	- .3600E+01	0.1280200E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.2802				
PROCESSING DISTRIBUTED LOADS CARD NO.		15					
AT Y-COORD	0.000	Z-COORD -4.000	PRESSURE 6.807				
		Z-COORD -3.800	PRESSURE 6.540				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES		2					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
21	- .4000E+01	0.6806966E+00 /	20	- .3800E+01	0.6540001E+00 /		
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD							1.3347
PROCESSING DISTRIBUTED LOADS CARD NO.		16					
AT Y-COORD	0.000	Z-COORD -4.200	PRESSURE 7.064				
		Z-COORD -4.000	PRESSURE 6.807				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES		2					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
22	- .4200E+01	0.7064000E+00 /	21	- .4000E+01	0.6807000E+00 /		
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD							1.3871
PROCESSING DISTRIBUTED LOADS CARD NO.		17					
AT Y-COORD	0.000	Z-COORD -4.400	PRESSURE 7.312				
		Z-COORD -4.200	PRESSURE 7.064				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES		2					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
23	- .4400E+01	0.7312000E+00 /	22	- .4200E+01	0.7064000E+00 /		
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD							1.4376
PROCESSING DISTRIBUTED LOADS CARD NO.		18					
AT Y-COORD	0.000	Z-COORD -4.600	PRESSURE 7.552				
		Z-COORD -4.400	PRESSURE 7.312				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES		2					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
24	- .4600E+01	0.7552000E+00 /	23	- .4400E+01	0.7312000E+00 /		
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD							1.4864
PROCESSING DISTRIBUTED LOADS CARD NO.		19					
AT Y-COORD	0.000	Z-COORD -4.800	PRESSURE 7.784				
		Z-COORD -4.600	PRESSURE 7.552				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES		2					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
25	- .4800E+01	0.7784000E+00 /	24	- .4600E+01	0.7552000E+00 /		
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD							1.5336

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PROCESSING DISTRIBUTED LOADS CARD NO. 20  
 AT Y-COORD 0.000 Z-COORD -5.000 PRESSURE 8.010  
 Z-COORD -4.800 PRESSURE 7.784  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 26 -.5000E+01 0.8010000E+00 / 25 -.4800E+01 0.7784000E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.5794

PROCESSING DISTRIBUTED LOADS CARD NO. 21  
 AT Y-COORD 0.000 Z-COORD -5.200 PRESSURE 8.229  
 Z-COORD -5.000 PRESSURE 8.010  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 2  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 27 -.5200E+01 0.8228999E+00 / 26 -.5000E+01 0.8009960E+00 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6239

PROCESSING DISTRIBUTED LOADS CARD NO. 22  
 AT Y-COORD 0.000 Z-COORD -5.400 PRESSURE 8.443  
 Z-COORD -5.200 PRESSURE 8.229  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 28 -.5400E+01 0.1667200E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6672

PROCESSING DISTRIBUTED LOADS CARD NO. 23  
 AT Y-COORD 0.000 Z-COORD -5.600 PRESSURE 8.652  
 Z-COORD -5.400 PRESSURE 8.443  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 29 -.5600E+01 0.1709500E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7095

PROCESSING DISTRIBUTED LOADS CARD NO. 24  
 AT Y-COORD 0.000 Z-COORD -5.800 PRESSURE 8.855  
 Z-COORD -5.600 PRESSURE 8.652  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 30 -.5800E+01 0.1750700E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7507

PROCESSING DISTRIBUTED LOADS CARD NO. 25  
 AT Y-COORD 0.000 Z-COORD -6.000 PRESSURE 9.054  
 Z-COORD -5.800 PRESSURE 8.855  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 31 -.6000E+01 0.1790900E+01 /  
 OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7909

PROCESSING DISTRIBUTED LOADS CARD NO. 26  
 AT Y-COORD 0.000 Z-COORD -6.200 PRESSURE 9.249  
 Z-COORD -6.000 PRESSURE 9.054  
 L.CURVE 3

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NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
32	-.6200E+01	0.1830300E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.8303			
PROCESSING DISTRIBUTED LOADS CARD NO. 27							
AT Y-COORD	0.000	Z-COORD -6.400	PRESSURE 9.440				
		Z-COORD -6.200	PRESSURE 9.249				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
33	-.6400E+01	0.1868900E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.8689			
PROCESSING DISTRIBUTED LOADS CARD NO. 28							
AT Y-COORD	0.000	Z-COORD -6.600	PRESSURE 9.627				
		Z-COORD -6.400	PRESSURE 9.440				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
34	-.6600E+01	0.1906700E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.9067			
PROCESSING DISTRIBUTED LOADS CARD NO. 29							
AT Y-COORD	0.000	Z-COORD -6.800	PRESSURE 9.810				
		Z-COORD -6.600	PRESSURE 9.627				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
35	-.6800E+01	0.1943700E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.9437			
PROCESSING DISTRIBUTED LOADS CARD NO. 30							
AT Y-COORD	0.000	Z-COORD -7.000	PRESSURE 9.990				
		Z-COORD -6.800	PRESSURE 9.810				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
36	-.7000E+01	0.1980000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				1.9800			
PROCESSING DISTRIBUTED LOADS CARD NO. 31							
AT Y-COORD	0.000	Z-COORD -7.200	PRESSURE 10.17				
		Z-COORD -7.000	PRESSURE 9.990				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
37	-.7200E+01	0.2016000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.0160			
PROCESSING DISTRIBUTED LOADS CARD NO. 32							
AT Y-COORD	0.000	Z-COORD -7.400	PRESSURE 10.34				
		Z-COORD -7.200	PRESSURE 10.17				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
38	-.7400E+01	0.2051000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.0510			

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PROCESSING DISTRIBUTED LOADS CARD NO. 33  
 AT Y-COORD 0.000 Z-COORD -7.600 PRESSURE 10.51  
 Z-COORD -7.400 PRESSURE 10.34  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 39 -.7600E+01 0.2085000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.0850

PROCESSING DISTRIBUTED LOADS CARD NO. 34  
 AT Y-COORD 0.000 Z-COORD -7.800 PRESSURE 10.68  
 Z-COORD -7.600 PRESSURE 10.51  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 40 -.7800E+01 0.2119000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1190

PROCESSING DISTRIBUTED LOADS CARD NO. 35  
 AT Y-COORD 0.000 Z-COORD -8.000 PRESSURE 10.85  
 Z-COORD -7.800 PRESSURE 10.68  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 41 -.8000E+01 0.2153000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1530

PROCESSING DISTRIBUTED LOADS CARD NO. 36  
 AT Y-COORD 0.000 Z-COORD -8.200 PRESSURE 11.01  
 Z-COORD -8.000 PRESSURE 10.85  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 42 -.8200E+01 0.2186000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.1860

PROCESSING DISTRIBUTED LOADS CARD NO. 37  
 AT Y-COORD 0.000 Z-COORD -8.400 PRESSURE 11.17  
 Z-COORD -8.200 PRESSURE 11.01  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 43 -.8400E+01 0.2218000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2180

PROCESSING DISTRIBUTED LOADS CARD NO. 38  
 AT Y-COORD 0.000 Z-COORD -8.600 PRESSURE 11.33  
 Z-COORD -8.400 PRESSURE 11.17  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 44 -.8600E+01 0.2250000E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.2500

PROCESSING DISTRIBUTED LOADS CARD NO. 39  
 AT Y-COORD 0.000 Z-COORD -8.800 PRESSURE 11.48  
 Z-COORD -8.600 PRESSURE 11.33

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L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
45	-.8800E+01	0.2281000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.2810			
PROCESSING DISTRIBUTED LOADS CARD NO.	40						
AT Y-COORD	0.000	Z-COORD -9.000	PRESSURE	11.64			
		Z-COORD -8.800	PRESSURE	11.48			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
46	-.9000E+01	0.2312000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.3120			
PROCESSING DISTRIBUTED LOADS CARD NO.	41						
AT Y-COORD	0.000	Z-COORD -9.200	PRESSURE	11.79			
		Z-COORD -9.000	PRESSURE	11.64			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
47	-.9200E+01	0.2343000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.3430			
PROCESSING DISTRIBUTED LOADS CARD NO.	42						
AT Y-COORD	0.000	Z-COORD -9.400	PRESSURE	11.94			
		Z-COORD -9.200	PRESSURE	11.79			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
48	-.9400E+01	0.2373000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.3730			
PROCESSING DISTRIBUTED LOADS CARD NO.	43						
AT Y-COORD	0.000	Z-COORD -9.600	PRESSURE	12.09			
		Z-COORD -9.400	PRESSURE	11.94			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
49	-.9600E+01	0.2403000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.4030			
PROCESSING DISTRIBUTED LOADS CARD NO.	44						
AT Y-COORD	0.000	Z-COORD -9.800	PRESSURE	12.24			
		Z-COORD -9.600	PRESSURE	12.09			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
50	-.9800E+01	0.2433000E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				2.4330			
PROCESSING DISTRIBUTED LOADS CARD NO.	45						
AT Y-COORD	0.000	Z-COORD -10.00	PRESSURE	12.38			
		Z-COORD -9.800	PRESSURE	12.24			
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
51	-.1000E+02	0.2462000E+01 /					

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4620

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 46  
 AT Y-COORD 0.000 Z-COORD -10.00 PRESSURE 12.38  
 Z-COORD -10.00 PRESSURE 12.38  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 51 -.1000E+02 0.246200E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.4620

PROCESSING DISTRIBUTED LOADS CARD NO. 47  
 AT Y-COORD 0.000 Z-COORD -3.100 PRESSURE 1.715  
 Z-COORD -2.900 PRESSURE 0.000  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 16 -.3000E+01 0.171500E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.17150

PROCESSING DISTRIBUTED LOADS CARD NO. 48  
 AT Y-COORD 0.000 Z-COORD -3.300 PRESSURE 2.426  
 Z-COORD -3.100 PRESSURE 1.715  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 17 -.3200E+01 0.414100E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.41410

PROCESSING DISTRIBUTED LOADS CARD NO. 49  
 AT Y-COORD 0.000 Z-COORD -3.500 PRESSURE 2.971  
 Z-COORD -3.300 PRESSURE 2.426  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 18 -.3400E+01 0.539700E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.53970

PROCESSING DISTRIBUTED LOADS CARD NO. 50  
 AT Y-COORD 0.000 Z-COORD -3.700 PRESSURE 3.431  
 Z-COORD -3.500 PRESSURE 2.971  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 19 -.3600E+01 0.640200E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.64020

PROCESSING DISTRIBUTED LOADS CARD NO. 51  
 AT Y-COORD 0.000 Z-COORD -3.900 PRESSURE 3.836  
 Z-COORD -3.700 PRESSURE 3.431  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 20 -.3800E+01 0.726700E+00 /

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OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.72670

PROCESSING DISTRIBUTED LOADS CARD NO. 52  
AT Y-COORD 0.000 Z-COORD -4.100 PRESSURE 4.202  
Z-COORD -3.900 PRESSURE 3.836  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
21	-.4000E+01	0.8038000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.80380

PROCESSING DISTRIBUTED LOADS CARD NO. 53  
AT Y-COORD 0.000 Z-COORD -4.300 PRESSURE 4.539  
Z-COORD -4.100 PRESSURE 4.202  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
22	-.4200E+01	0.8741000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.87410

PROCESSING DISTRIBUTED LOADS CARD NO. 54  
AT Y-COORD 0.000 Z-COORD -4.500 PRESSURE 4.852  
Z-COORD -4.300 PRESSURE 4.539  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
23	-.4400E+01	0.9391000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.93910

PROCESSING DISTRIBUTED LOADS CARD NO. 55  
AT Y-COORD 0.000 Z-COORD -4.700 PRESSURE 5.146  
Z-COORD -4.500 PRESSURE 4.852  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
24	-.4600E+01	0.9998000E+00	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.99980

PROCESSING DISTRIBUTED LOADS CARD NO. 56  
AT Y-COORD 0.000 Z-COORD -4.900 PRESSURE 5.425  
Z-COORD -4.700 PRESSURE 5.146  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
25	-.4800E+01	0.1057100E+01	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.0571

PROCESSING DISTRIBUTED LOADS CARD NO. 57  
AT Y-COORD 0.000 Z-COORD -5.100 PRESSURE 5.689  
Z-COORD -4.900 PRESSURE 5.425  
L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
26	-.5000E+01	0.1111400E+01	/				

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1114

PROCESSING DISTRIBUTED LOADS CARD NO. 58  
AT Y-COORD 0.000 Z-COORD -5.300 PRESSURE 5.942

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L.CURVE 3 Z-COORD -5.100 PRESSURE 5.689

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

27 -.5200E+01 0.1163100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.1631

PROCESSING DISTRIBUTED LOADS CARD NO. 59  
AT Y-COORD 0.000 Z-COORD -5.500 PRESSURE 6.185  
Z-COORD -5.300 PRESSURE 5.942

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

28 -.5400E+01 0.1212700E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2127

PROCESSING DISTRIBUTED LOADS CARD NO. 60  
AT Y-COORD 0.000 Z-COORD -5.700 PRESSURE 6.419  
Z-COORD -5.500 PRESSURE 6.185

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

29 -.5600E+01 0.1260400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.2604

PROCESSING DISTRIBUTED LOADS CARD NO. 61  
AT Y-COORD 0.000 Z-COORD -5.900 PRESSURE 6.644  
Z-COORD -5.700 PRESSURE 6.419

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

30 -.5800E+01 0.1306300E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3063

PROCESSING DISTRIBUTED LOADS CARD NO. 62  
AT Y-COORD 0.000 Z-COORD -6.100 PRESSURE 6.862  
Z-COORD -5.900 PRESSURE 6.644

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

31 -.6000E+01 0.1350600E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3506

PROCESSING DISTRIBUTED LOADS CARD NO. 63  
AT Y-COORD 0.000 Z-COORD -6.300 PRESSURE 7.073  
Z-COORD -6.100 PRESSURE 6.862

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /

32 -.6200E+01 0.1393500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.3935

PROCESSING DISTRIBUTED LOADS CARD NO. 64  
AT Y-COORD 0.000 Z-COORD -6.500 PRESSURE 7.278  
Z-COORD -6.300 PRESSURE 7.073

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /



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33	-.6400E+01	0.1435100E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.4351				
PROCESSING DISTRIBUTED LOADS CARD NO. 65							
AT Y-COORD	0.000	Z-COORD -6.700	PRESSURE 7.477				
		Z-COORD -6.500	PRESSURE 7.278				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES 1							
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
34	-.6600E+01	0.1475500E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.4755				
PROCESSING DISTRIBUTED LOADS CARD NO. 66							
AT Y-COORD	0.000	Z-COORD -6.900	PRESSURE 7.672				
		Z-COORD -6.700	PRESSURE 7.477				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES 1							
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
35	-.6800E+01	0.1514900E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.5149				
PROCESSING DISTRIBUTED LOADS CARD NO. 67							
AT Y-COORD	0.000	Z-COORD -7.100	PRESSURE 7.861				
		Z-COORD -6.900	PRESSURE 7.672				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES 1							
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
36	-.7000E+01	0.1553300E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.5533				
PROCESSING DISTRIBUTED LOADS CARD NO. 68							
AT Y-COORD	0.000	Z-COORD -7.300	PRESSURE 8.046				
		Z-COORD -7.100	PRESSURE 7.861				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES 1							
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
37	-.7200E+01	0.1590700E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.5907				
PROCESSING DISTRIBUTED LOADS CARD NO. 69							
AT Y-COORD	0.000	Z-COORD -7.500	PRESSURE 8.227				
		Z-COORD -7.300	PRESSURE 8.046				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES 1							
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
38	-.7400E+01	0.1627300E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.6273				
PROCESSING DISTRIBUTED LOADS CARD NO. 70							
AT Y-COORD	0.000	Z-COORD -7.700	PRESSURE 8.404				
		Z-COORD -7.500	PRESSURE 8.227				
L.CURVE	3						
NO. OF GENERATED NODAL FORCES 1							
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	
39	-.7600E+01	0.1663100E+01 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD			1.6631				

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PROCESSING DISTRIBUTED LOADS CARD NO. 71  
 AT Y-COORD 0.000 Z-COORD -7.900 PRESSURE 8.577  
 Z-COORD -7.700 PRESSURE 8.404

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 40 -.7800E+01 0.1698100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.6981

PROCESSING DISTRIBUTED LOADS CARD NO. 72  
 AT Y-COORD 0.000 Z-COORD -8.100 PRESSURE 8.747  
 Z-COORD -7.900 PRESSURE 8.577

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 41 -.8000E+01 0.1732400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7324

PROCESSING DISTRIBUTED LOADS CARD NO. 73  
 AT Y-COORD 0.000 Z-COORD -8.300 PRESSURE 8.914  
 Z-COORD -8.100 PRESSURE 8.747

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 42 -.8200E+01 0.1766100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7661

PROCESSING DISTRIBUTED LOADS CARD NO. 74  
 AT Y-COORD 0.000 Z-COORD -8.500 PRESSURE 9.077  
 Z-COORD -8.300 PRESSURE 8.914

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 43 -.8400E+01 0.1799100E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.7991

PROCESSING DISTRIBUTED LOADS CARD NO. 75  
 AT Y-COORD 0.000 Z-COORD -8.700 PRESSURE 9.238  
 Z-COORD -8.500 PRESSURE 9.077

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 44 -.8600E+01 0.1831500E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8315

PROCESSING DISTRIBUTED LOADS CARD NO. 76  
 AT Y-COORD 0.000 Z-COORD -8.900 PRESSURE 9.396  
 Z-COORD -8.700 PRESSURE 9.238

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 45 -.8800E+01 0.1863400E+01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 1.8634

PROCESSING DISTRIBUTED LOADS CARD NO. 77  
 AT Y-COORD 0.000 Z-COORD -9.100 PRESSURE 9.551  
 Z-COORD -8.900 PRESSURE 9.396

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

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NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
46	-.9000E+01	0.1894700E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.8947			
PROCESSING DISTRIBUTED LOADS CARD NO. 78								
AT Y-COORD	0.000	Z-COORD -9.300	PRESSURE	9.704				
		Z-COORD -9.100	PRESSURE	9.551				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
47	-.9200E+01	0.1925500E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.9255			
PROCESSING DISTRIBUTED LOADS CARD NO. 79								
AT Y-COORD	0.000	Z-COORD -9.500	PRESSURE	9.854				
		Z-COORD -9.300	PRESSURE	9.704				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
48	-.9400E+01	0.1955800E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.9558			
PROCESSING DISTRIBUTED LOADS CARD NO. 80								
AT Y-COORD	0.000	Z-COORD -9.700	PRESSURE	10.00				
		Z-COORD -9.500	PRESSURE	9.854				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
49	-.9600E+01	0.1985400E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.9854			
PROCESSING DISTRIBUTED LOADS CARD NO. 81								
AT Y-COORD	0.000	Z-COORD -9.900	PRESSURE	10.15				
		Z-COORD -9.700	PRESSURE	10.00				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
50	-.9800E+01	0.2015000E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					2.0150			
PROCESSING DISTRIBUTED LOADS CARD NO. 82								
AT Y-COORD	0.000	Z-COORD -10.00	PRESSURE	10.22				
		Z-COORD -9.900	PRESSURE	10.15				
L.CURVE	3							
NO. OF GENERATED NODAL FORCES 1								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
51	-.1000E+02	0.1018500E+01 /						
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD					1.0185			
NO. OF DISTRIBUTED LOAD CARDS 82								

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:40:49

L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 126.95430  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100

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Exe Time : 8 June 2018 11:40:49

LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2

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ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	

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ITEM NO.	3	LEVEL	>= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	>= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	>= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	>= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	>= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	>= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	>= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	>= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	>= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	>= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	>= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	>= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	>= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	>= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	>= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	>= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	>= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	>= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	>= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	>= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	>= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1	NAME	>= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	>= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	>= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	>= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	>= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	>= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	>= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	>= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	>= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	>= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	>= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	>= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	>= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	>= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	>= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	>= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	45	U-KAED	>= 0.51200	WALL NO.	1
ITEM NO.	46	U-KAEW	>= 0.59500	WALL NO.	1
ITEM NO.	47	U-KPED	>= 2.2680	WALL NO.	1
ITEM NO.	48	U-KPEW	>= 2.0780	WALL NO.	1
ITEM NO.	52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	>= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	>= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	>= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	>= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	>= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	>= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	>= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	95	D-KAED	>= 0.51200	WALL NO.	1
ITEM NO.	96	D-KAEW	>= 0.59500	WALL NO.	1
ITEM NO.	97	D-KPED	>= 2.2680	WALL NO.	1
ITEM NO.	98	D-KPEW	>= 2.0780	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	>= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	>= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	>= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	>= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	>= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	>= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	>= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	>= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	>= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	>= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	>= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	>= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	>= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	>= 1.0000	(BOTH WALLS)	



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ITEM NO.	17	EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	&gt;= 0.31200	WALL NO.	1
ITEM NO.	46	U-KAEW	&gt;= 0.35300	WALL NO.	1
ITEM NO.	47	U-KPED	&gt;= 4.7260	WALL NO.	1
ITEM NO.	48	U-KPEW	&gt;= 4.5190	WALL NO.	1
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	&gt;= 0.31200	WALL NO.	1
ITEM NO.	96	D-KAEW	&gt;= 0.35300	WALL NO.	1
ITEM NO.	97	D-KPED	&gt;= 4.7260	WALL NO.	1
ITEM NO.	98	D-KPEW	&gt;= 4.5190	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	&gt;= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	&gt;= 0.31200	WALL NO.	1
ITEM NO.	46	U-KAEW	&gt;= 0.35200	WALL NO.	1
ITEM NO.	47	U-KPED	&gt;= 4.7260	WALL NO.	1
ITEM NO.	48	U-KPEW	&gt;= 4.5240	WALL NO.	1
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	&gt;= 0.31200	WALL NO.	1
ITEM NO.	96	D-KAEW	&gt;= 0.35200	WALL NO.	1
ITEM NO.	97	D-KPED	&gt;= 4.7260	WALL NO.	1
ITEM NO.	98	D-KPEW	&gt;= 4.5240	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 9 VALUES



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PHASE DESCRIPTORS

STEP NO. 1

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	0.000	0.000
Z-WATER_TABLE	-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 1

STEP NO. 2

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-2.420	0.000
Z-WATER_TABLE	-1.400	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-2.420	0.000
Z-WATER_TABLE	-1.400	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-10.00	-10.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.7460E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	26.57	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -10.00000  
UPPER LEVEL 0.00000

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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 226

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.5000000000000000  
FOUNDATION WIDTH (B) 28.5000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 20.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 2  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 3  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 4  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 5  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.760000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 6  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.120000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 7  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.480000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 8  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.840000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 9  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 25.200000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 10  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 28.560000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 11  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 31.9200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 12  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 35.2800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 13  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 14  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 15  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 16  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 17  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 18  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 19  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 20  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 21  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 22  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 23  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 24  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 25  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 26  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 27  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 28  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000



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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 29  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 30  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 31  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 32  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 33  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 34  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 35  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 36  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 37  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 38  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 39  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 40  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 41  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 42  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 43  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 44  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 45  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 46  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 47  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 48  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 49  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 50  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 51  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 52  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 53  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 54  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 55  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 56  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 57  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 58  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 59  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 60  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 61  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 62  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 63  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 64  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 65  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 66  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 67  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 68  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 69  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 70  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 71  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 72  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 73  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000



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ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 74  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 75  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 76  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 1.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 77  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.000000000000000E+000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 1.680000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 78  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 5.040000000000000

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BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 79  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 80  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 81  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 82  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 18.4800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 83  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 21.8400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 84  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 85  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 86  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 87  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 88  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 38.6400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 89  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 42.0000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 90  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 91  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 92  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 93  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 94  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 95  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 96  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 97  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 98  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 99  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 100  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 101  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 102  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 103  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 104  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 105  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.200000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 106  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.600000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.400000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 107  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 108  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 109  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 110  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 111  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 112  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 113  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 114  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 115  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 116  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 117  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 118  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000



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ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 119  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 120  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 121  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 122  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 123  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 124  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 125  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 126  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 127  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 128  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 129  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

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TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 20.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 130  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 21.2000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 131  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 21.6000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 132  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 22.0000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 133  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 22.4000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 134  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ  
 HORIZONTAL DISTANCE (DY) 22.8000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.4000000000000  
 BETA ..... 45.0000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 135  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 136  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 137  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 138  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 139  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 140  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 141  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 142  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 143  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 144  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 145  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 146  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 147  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 148  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 149  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 150  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 151  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 2.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 2.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 152  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.0000000000000000E+000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 1.6800000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 153  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 5.0400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 154  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 0.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 8.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 155  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 11.7600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 156  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 1.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 15.1200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 157  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 2.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 18.4800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 158  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.4000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 21.8400000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 159  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 2.8000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 25.2000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 160  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.2000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 28.5600000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 161  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 3.6000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 31.9200000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 162  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.0000000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 35.2800000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 163  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000



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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 38.6400000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 164  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 42.0000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 165  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 45.3600000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 166  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 48.7200000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 167  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 168  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 169  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 6.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 170  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 171  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 7.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 172  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 173  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 174  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 8.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 175  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.200000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 176  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 9.600000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 177  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.000000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 178  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.400000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 179  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 10.800000000000000  
 FOUNDATION WIDTH (B) 0.400000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.400000000000000  
 BETA ..... 45.000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 180  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 181  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 11.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 182  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 183  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 184  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 12.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 185  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000

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ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 186  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 13.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 187  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 188  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 189  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 14.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 190  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 191  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000

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END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 15.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 192  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.0000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 193  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.4000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 194  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 16.8000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 195  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.2000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 196  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 17.6000000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 197  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.00000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 198  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.40000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 199  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 18.80000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 200  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 201  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 19.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.40000000000000  
BETA ..... 45.00000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 202  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

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HORIZONTAL DISTANCE (DY) 20.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 203  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 204  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 20.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 205  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 206  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 21.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 207  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.0000000000000000E+000  
 Q-F ..... 50.4000000000000000  
 BETA ..... 45.0000000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 208  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000



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ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 209  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 22.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 210  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 211  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 23.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 212  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 213  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000

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BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 214  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 24.80000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 215  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.20000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 216  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 25.60000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 217  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.00000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 218  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.40000000000000  
 FOUNDATION WIDTH (B) 0.4000000000000000  
 ZETA-F..... 0.000000000000000E+000  
 Q-F ..... 50.40000000000000  
 BETA ..... 45.00000000000000  
 BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 219  
 PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
 END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

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TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 26.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 220  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.2000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 221  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 27.6000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 222  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.0000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 223  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.4000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 224  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 28.8000000000000  
FOUNDATION WIDTH (B) 0.400000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 50.4000000000000  
BETA ..... 45.0000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

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INPUT DATA FOR INITIAL STRESS SET NO. 225  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.20000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

INPUT DATA FOR INITIAL STRESS SET NO. 226  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 3.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 29.60000000000000  
FOUNDATION WIDTH (B) 0.4000000000000000  
ZETA-F..... 0.0000000000000000E+000  
Q-F ..... 50.4000000000000000  
BETA ..... 45.0000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.0000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 5258

NO. OF D.P.W FOR THIS AREA 6023  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.3158E-27 REMNOR= 0.000 RATIO =0.7121E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.7121E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.1164E-28 REMNOR=0.3591E-53 RATIO =0.1367E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.1367E-16 RATIOR= 0.000  
MAX UN=0.1745E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.4270E-15 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6227E+05 RIMNOR= 0.000  
RENORM=0.6247E-29 REMNOR=0.1372E-52 RATIO =0.1002E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.52 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.6227E+05 RDR = 0.000  
RATIOT=0.1002E-16 RATIOR= 0.000  
MAX UN=0.1125E-14 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
MIN UN=-.2685E-15 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865

Exe Time : 8 June 2018 11:40:49

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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33 D	28.13	-1.9017E-20	75.08 81.63 75.08	81.63	V-C 6.3546E+04 -6.400 59.00 1.000 1.000
140.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.86	-1.8790E-20	77.52 83.30 77.52	83.30	V-C 6.3546E+04 -6.600 61.00 1.000 1.000
144.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.59	-1.8038E-20	79.96 84.97 79.96	84.97	V-C 6.3546E+04 -6.800 63.00 1.000 1.000
148.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	30.33	-1.6672E-20	82.40 86.63 82.40	86.63	V-C 6.3546E+04 -7.000 65.00 1.000 1.000
151.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	31.06	-1.4605E-20	84.84 88.28 84.84	88.28	V-C 6.3546E+04 -7.200 67.00 1.000 1.000
155.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.79	-1.1745E-20	87.28 89.93 87.28	89.93	V-C 6.3546E+04 -7.400 69.00 1.000 1.000
158.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.52	-8.0030E-21	89.72 91.58 89.72	91.58	V-C 6.3546E+04 -7.600 71.00 1.000 1.000
162.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	33.25	-3.3014E-21	92.16 93.23 92.16	93.23	V-C 6.3546E+04 -7.800 73.00 1.000 1.000
166.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	33.97	2.3752E-21	94.60 94.87 94.60	94.87	V-C 6.3546E+04 -8.000 75.00 1.000 1.000
169.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.70	9.0260E-21	97.04 96.51 97.04	96.51	V-C 6.3546E+04 -8.200 77.00 1.000 1.000
173.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.43	1.6648E-20	99.48 98.15 99.48	98.15	V-C 6.3546E+04 -8.400 79.00 1.000 1.000
177.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.16	2.5219E-20	101.9 99.79 101.9	99.79	V-C 6.3546E+04 -8.600 81.00 1.000 1.000
180.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	36.89	3.4637E-20	104.4 101.4 104.4	101.4	V-C 6.3546E+04 -8.800 83.00 1.000 1.000
184.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.61	4.4720E-20	106.8 103.1 106.8	103.1	V-C 6.3546E+04 -9.000 85.00 1.000 1.000
188.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.34	5.5263E-20	109.2 104.7 109.2	104.7	V-C 6.3546E+04 -9.200 87.00 1.000 1.000
191.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.07	6.6067E-20	111.7 106.3 111.7	106.3	V-C 6.3546E+04 -9.400 89.00 1.000 1.000
195.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	39.79	7.7000E-20	114.1 108.0 114.1	108.0	V-C 6.3546E+04 -9.600 91.00 1.000 1.000
199.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	40.52	8.7990E-20	116.6 109.6 116.6	109.6	V-C 6.3546E+04 -9.800 93.00 1.000 1.000
202.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.62	9.8986E-20	119.0 111.2 119.0	111.2	V-C 6.3546E+04 -10.00 95.00 1.000 1.000
206.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:40:49

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-1.90178E-17	1.90178E-17	9.46633E-30	3.80356E-18	
2 1.68778E-16	1.68778E-16	3.80356E-18	2.99520E-17	
3-3.05771E-16	3.05771E-16	2.99520E-17	3.12021E-17	
4-3.32434E-16	3.32434E-16	3.12021E-17	9.76890E-17	
5-3.55287E-16	3.55287E-16	9.76890E-17	1.68746E-16	
6-3.74303E-16	3.74303E-16	1.68746E-16	2.43607E-16	
7-3.89449E-16	3.89449E-16	2.43607E-16	3.21497E-16	
8-4.00675E-16	4.00675E-16	3.21497E-16	4.01632E-16	
9-4.22956E-16	4.22956E-16	4.01632E-16	4.86223E-16	
10-4.32758E-16	4.32758E-16	4.86223E-16	5.72775E-16	
11-4.29808E-16	4.29808E-16	5.72775E-16	6.58736E-16	
12-4.13799E-16	4.13799E-16	6.58736E-16	7.41496E-16	
13-3.84401E-16	3.84401E-16	7.41496E-16	8.18376E-16	
14-3.41271E-16	3.41271E-16	8.18376E-16	8.86630E-16	
15-2.84078E-16	2.84078E-16	8.86630E-16	9.43446E-16	
16-2.12520E-16	2.12520E-16	9.43446E-16	9.85950E-16	
17-1.26350E-16	1.26350E-16	9.85950E-16	1.01122E-15	
18-2.54064E-17	2.54064E-17	1.01122E-15	1.01630E-15	
19 9.03546E-17	9.03546E-17	1.01630E-15	9.98230E-16	
20 2.20827E-16	2.20827E-16	9.98230E-16	9.54065E-16	
21 3.65716E-16	3.65716E-16	9.54065E-16	8.80922E-16	
22 5.24502E-16	5.24502E-16	8.80922E-16	7.76022E-16	
23 6.96404E-16	6.96404E-16	7.76022E-16	6.36741E-16	
24 8.80337E-16	8.80337E-16	6.36741E-16	4.60674E-16	
25 1.07488E-15	1.07488E-15	4.60674E-16	2.45698E-16	
26 1.32907E-15	1.32907E-15	2.45698E-16	2.01140E-17	
27 5.14424E-15	5.14424E-15	2.01140E-17	1.04896E-15	
28 5.41166E-15	5.41166E-15	1.04896E-15	2.13129E-15	
29 5.68018E-15	5.68018E-15	2.13129E-15	3.26733E-15	
30 5.94533E-15	5.94533E-15	3.26733E-15	4.45639E-15	
31 6.20206E-15	6.20206E-15	4.45639E-15	5.69680E-15	
32 6.44474E-15	6.44474E-15	5.69680E-15	6.98575E-15	
33 6.66717E-15	6.66717E-15	6.98575E-15	8.31918E-15	
34 6.86270E-15	6.86270E-15	8.31918E-15	9.69172E-15	
35 7.02423E-15	7.02423E-15	9.69172E-15	1.10966E-14	
36 7.14434E-15	7.14434E-15	1.10966E-14	1.25254E-14	
37 7.21539E-15	7.21539E-15	1.25254E-14	1.39685E-14	
38 7.22965E-15	7.22965E-15	1.39685E-14	1.54144E-14	
39 7.40052E-15	7.40052E-15	1.54144E-14	1.54292E-14	
40-4.82010E-17	4.82010E-17	1.54292E-14	1.54196E-14	
41-2.49558E-16	2.49558E-16	1.54196E-14	1.53697E-14	
42-5.36751E-16	5.36751E-16	1.53697E-14	1.52623E-14	
43-8.02128E-15	8.02128E-15	1.52623E-14	1.36581E-14	
44-1.56031E-14	1.56031E-14	1.36581E-14	1.05375E-14	
45-1.61812E-14	1.61812E-14	1.05375E-14	7.30124E-15	
46-1.68648E-14	1.68648E-14	7.30124E-15	3.92828E-15	
47-1.05512E-14	1.05512E-14	3.92828E-15	1.81804E-15	
48-4.34781E-15	4.34781E-15	1.81804E-15	9.48477E-16	
49-5.36122E-15	5.36122E-15	9.48477E-16	1.23763E-16	
50 6.18799E-16	6.18799E-16	1.23763E-16	3.02923E-28	

ITER 0 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.6472E+05 RIMNOR=0.4640E-26  
 RENORM= 1135. REMNOR=0.1372E-52 RATIO =0.1324 TOLER =0.1000E-03 NOT CONVERGED  
 RFXMAX = 43.14 RMMAX =0.1543E-13  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
 RDT =0.6472E+05 RDR =0.1000E-18  
 RATIOT=0.1324 RATIOR= 0.000  
 MAX UN= 12.18 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
 MIN UN=-5.547 IEQ= 33 NODE 17 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
 RINORM=0.6472E+05 RIMNOR=0.4640E-26  
 RENORM= 1.224 REMNOR=0.2038E-20 RATIO =0.4349E-02 TOLER =0.1000E-03 NOT CONVERGED  
 RFXMAX = 43.14 RMMAX =0.1543E-13  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-18

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RDT =0.6472E+05 RDR =0.1000E-18  
RATIOT=0.4349E-02 RATIO= 0.000  
MAX UN= 1.026 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.1655 IEQ= 43 NODE 22 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.6472E+05 RIMNOR=0.4640E-26  
RENORM=0.1201E-03 REMNOR=0.1520E-21 RATIO =0.4307E-04 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 43.14 RMMAX =0.1543E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.6472E+05 RDR =0.1000E-18  
RATIOT=0.4307E-04 RATIO= 0.000  
MAX UN=0.1189E-09 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
MIN UN=-.9997E-02 IEQ= 41 NODE 21 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:40:49

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	9.8016977E-04	-2.8148115E-04
2	9.2387354E-04	-2.8148115E-04
3	8.6757731E-04	-2.8148115E-04
4	8.1128144E-04	-2.8147576E-04
5	7.5499048E-04	-2.8141828E-04
6	6.9872524E-04	-2.8119401E-04
7	6.4253572E-04	-2.8062698E-04
8	5.8651274E-04	-2.7948562E-04
9	5.3079859E-04	-2.7748744E-04
10	4.7558624E-04	-2.7446210E-04
11	4.2108701E-04	-2.7033782E-04
12	3.6753548E-04	-2.6494801E-04
13	3.1521076E-04	-2.5801392E-04
14	2.6445874E-04	-2.4914741E-04
15	2.1569074E-04	-2.3819684E-04
16	1.6930435E-04	-2.2538101E-04
17	1.2563875E-04	-2.1105566E-04
18	8.4952687E-05	-1.9566803E-04
19	4.7411810E-05	-1.7967633E-04
20	1.3096146E-05	-1.6347475E-04
21	-1.7985178E-05	-1.4738177E-04
22	-4.5880698E-05	-1.3165321E-04
23	-7.0684493E-05	-1.1649513E-04
24	-9.2527757E-05	-1.0207215E-04
25	-1.1157098E-04	-8.8513589E-05
26	-1.2799745E-04	-7.5918890E-05
27	-1.4200651E-04	-6.4344876E-05
28	-1.5380444E-04	-5.3807588E-05
29	-1.6359833E-04	-4.4301944E-05
30	-1.7159249E-04	-3.5805397E-05
31	-1.7798532E-04	-2.8281435E-05
32	-1.8296672E-04	-2.1682637E-05
33	-1.8671631E-04	-1.5953209E-05
34	-1.8940185E-04	-1.1031499E-05
35	-1.9117838E-04	-6.8518739E-06
36	-1.9218755E-04	-3.3464875E-06
37	-1.9255735E-04	-4.4677876E-07
38	-1.9240210E-04	1.9153243E-06
39	-1.9182264E-04	3.8062578E-06
40	-1.9090674E-04	5.2899983E-06
41	-1.8972973E-04	6.4273161E-06
42	-1.8835512E-04	7.2751766E-06
43	-1.8683545E-04	7.8862561E-06
44	-1.8521320E-04	8.3085515E-06
45	-1.8352175E-04	8.5850687E-06
46	-1.8178638E-04	8.7535818E-06
47	-1.8002536E-04	8.8464287E-06
48	-1.7825107E-04	8.8903626E-06
49	-1.7647108E-04	8.9064238E-06
50	-1.7468935E-04	8.9098358E-06
51	-1.7290733E-04	8.9099159E-06







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33 D	27.79	-1.8672E-04	48.53 100.6 75.08	112.9	UL-RL 6.5822E+04 -6.400 38.36 1.000 1.000
138.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	28.48	-1.8940E-04	50.78 101.9 77.52	114.3	UL-RL 6.5822E+04 -6.600 40.56 1.000 1.000
142.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	29.20	-1.9118E-04	53.02 103.3 79.96	115.8	UL-RL 6.5822E+04 -6.800 42.75 1.000 1.000
146.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	29.93	-1.9219E-04	55.27 104.7 82.40	117.4	UL-RL 6.5822E+04 -7.000 44.94 1.000 1.000
149.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	30.67	-1.9256E-04	57.52 106.2 84.84	118.9	UL-RL 6.5822E+04 -7.200 47.13 1.000 1.000
153.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	31.43	-1.9240E-04	59.77 107.8 87.28	120.5	UL-RL 6.5822E+04 -7.400 49.32 1.000 1.000
157.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	32.19	-1.9182E-04	62.02 109.4 89.72	122.0	UL-RL 6.5822E+04 -7.600 51.52 1.000 1.000
160.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	32.96	-1.9091E-04	64.26 111.1 92.16	123.6	UL-RL 6.5822E+04 -7.800 53.71 1.000 1.000
164.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	33.73	-1.8973E-04	66.51 112.7 94.60	125.2	UL-RL 6.5822E+04 -8.000 55.90 1.000 1.000
168.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	34.51	-1.8836E-04	68.76 114.4 97.04	126.8	UL-RL 6.5822E+04 -8.200 58.09 1.000 1.000
172.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	35.29	-1.8684E-04	71.01 116.2 99.48	128.5	UL-RL 6.5822E+04 -8.400 60.29 1.000 1.000
176.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	36.08	-1.8521E-04	73.25 117.9 101.9	130.1	UL-RL 6.5822E+04 -8.600 62.48 1.000 1.000
180.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	36.87	-1.8352E-04	75.50 119.7 104.4	131.7	UL-RL 6.5822E+04 -8.800 64.67 1.000 1.000
184.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	37.66	-1.8179E-04	77.75 121.4 106.8	133.4	UL-RL 6.5822E+04 -9.000 66.86 1.000 1.000
188.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	38.45	-1.8003E-04	80.00 123.2 109.2	135.0	UL-RL 6.5822E+04 -9.200 69.05 1.000 1.000
192.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	39.24	-1.7825E-04	82.25 125.0 111.7	136.7	UL-RL 6.5822E+04 -9.400 71.25 1.000 1.000
196.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	40.04	-1.7647E-04	84.49 126.8 114.1	138.4	UL-RL 6.5822E+04 -9.600 73.44 1.000 1.000
200.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	40.84	-1.7469E-04	86.74 128.6 116.6	140.1	UL-RL 6.5822E+04 -9.800 75.63 1.000 1.000
204.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	20.82	-1.7291E-04	88.99 130.4 119.0	141.7	UL-RL 6.5822E+04 -10.00 77.82 1.000 1.000
208.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time : 8 June 2018 11:40:49

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-4.68390E-11	4.68390E-11	-4.78906E-12	1.17950E-11
2	4.84308E-11	-4.84308E-11	-1.16671E-11	2.07763E-11
3	0.17074	-0.17074	-2.26521E-11	3.41479E-02
4	1.4769	-1.4769	-3.41479E-02	0.32953
5	3.8007	-3.8007	-0.32953	1.0897
6	7.0445	-7.0445	-1.0897	2.4986
7	11.127	-11.127	-2.4986	4.7240
8	15.983	-15.983	-4.7240	7.9206
9	16.517	-16.517	-7.9206	11.224
10	18.254	-18.254	-11.224	14.875
11	21.788	-21.788	-14.875	19.232
12	27.074	-27.074	-19.232	24.647
13	34.069	-34.069	-24.647	31.461
14	31.872	-31.872	-31.461	37.835
15	27.145	-27.145	-37.835	43.264
16	20.614	-20.614	-43.264	47.387
17	12.999	-12.999	-47.387	49.987
18	6.1140	-6.1140	-49.987	51.210
19	0.52695	-0.52695	-51.210	51.315
20	-3.9606	3.9606	-51.315	50.523
21	-7.5725	7.5725	-50.523	49.008
22	-10.478	10.478	-49.008	46.913
23	-12.781	12.781	-46.913	44.357
24	-14.570	14.570	-44.357	41.443
25	-15.926	15.926	-41.443	38.257
26	-16.367	16.367	-38.257	34.984
27	-16.438	16.438	-34.984	31.697
28	-16.204	16.204	-31.697	28.456
29	-15.724	15.724	-28.456	25.311
30	-15.049	15.049	-25.311	22.301
31	-14.223	14.223	-22.301	19.457
32	-13.285	13.285	-19.457	16.800
33	-12.271	12.271	-16.800	14.345
34	-11.209	11.209	-14.345	12.104
35	-10.124	10.124	-12.104	10.079
36	-9.0391	9.0391	-10.079	8.2709
37	-7.9714	7.9714	-8.2709	6.6766
38	-6.9366	6.9366	-6.6766	5.2893
39	-5.9472	5.9472	-5.2893	4.0999
40	-5.0138	5.0138	-4.0999	3.0971
41	-4.1448	4.1448	-3.0971	2.2682
42	-3.3471	3.3471	-2.2682	1.5988
43	-2.6261	2.6261	-1.5988	1.0735
44	-1.9863	1.9863	-1.0735	0.67629
45	-1.4310	1.4310	-0.67629	0.39008
46	-0.96306	0.96306	-0.39008	0.19746
47	-0.58456	0.58456	-0.19746	8.05520E-02
48	-0.29734	0.29734	-8.05520E-02	2.10845E-02
49	-0.10289	0.10289	-2.10845E-02	5.06941E-04
50	-2.53464E-03	2.53464E-03	-5.06941E-04	-1.66889E-12

ITER 0 RNORM = 421.6 RMNORM= 0.000  
RINORM=0.7996E+05 RIMNOR=0.6696E+05  
RENORM= 430.8 REMNOR=0.1520E-21 RATIO =0.7340E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 40.94 RMMAX = 51.32  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.7996E+05 RDR =0.6696E+05  
RATIOT=0.7340E-01 RATIOR= 0.000  
MAX UN= 5.941 IEQ= 101 NODE 51 DOF 1 Y-DISPL.F  
MIN UN=-.5272E-11 IEQ= 10 NODE 5 DOF 2 X-ROT. F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 421.6 RMNORM= 0.000  
RINORM=0.7996E+05 RIMNOR=0.6696E+05  
RENORM= 1.571 REMNOR=0.3512E-21 RATIO =0.4433E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 40.94 RMMAX = 51.32  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03

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RDT =0.7996E+05 RDR =0.6696E+05  
 RATIO=0.4433E-02 RATIO= 0.000  
 MAX UN= 1.122 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
 MIN UN=-.1986E-09 IEQ= 9 NODE 5 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 421.6 RMNORM= 0.000  
 RINORM=0.7996E+05 RIMNOR=0.6696E+05  
 RENORM=0.1063E-02 REMNOR=0.5177E-21 RATIO =0.1153E-03 TOLER =0.1000E-03 NOT CONVERGED  
 RFMAX = 40.94 RMMAX = 51.32  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
 RDT =0.7996E+05 RDR =0.6696E+05  
 RATIO=0.1153E-03 RATIO= 0.000  
 MAX UN=0.3261E-01 IEQ= 21 NODE 11 DOF 1 Y-DISPL.F  
 MIN UN=-.1059E-09 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 421.6 RMNORM= 0.000  
 RINORM=0.7996E+05 RIMNOR=0.6696E+05  
 RENORM=0.8658E-19 REMNOR=0.4449E-21 RATIO =0.1041E-11 TOLER =0.1000E-03 CONVERGED !  
 RFMAX = 40.94 RMMAX = 51.32  
 RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
 RDT =0.7996E+05 RDR =0.6696E+05  
 RATIO=0.1041E-11 RATIO= 0.000  
 MAX UN=0.1434E-09 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
 MIN UN=-.1146E-09 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
 NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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Exe Time : 8 June 2018 11:40:49

New Project

SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	1.1324191E-03	-3.0017503E-04	
2	1.0723846E-03	-3.0016811E-04	
3	1.0123537E-03	-3.0013351E-04	
4	9.5233485E-04	-3.0004355E-04	
5	8.9234376E-04	-2.9984160E-04	
6	8.3241355E-04	-2.9940962E-04	
7	7.7260724E-04	-2.9856769E-04	
8	7.1302955E-04	-2.9707964E-04	
9	6.5383764E-04	-2.9465773E-04	
10	5.9524197E-04	-2.9110309E-04	
11	5.3747916E-04	-2.8630710E-04	
12	4.8081207E-04	-2.8011696E-04	
13	4.2554083E-04	-2.7230002E-04	
14	3.7202344E-04	-2.6251246E-04	
15	3.2067473E-04	-2.5064166E-04	
16	2.7188960E-04	-2.3692846E-04	
17	2.2600363E-04	-2.2170762E-04	
18	1.8328068E-04	-2.0537145E-04	
19	1.4390014E-04	-1.8835887E-04	
20	1.0795522E-04	-1.7107487E-04	
21	7.5465840E-05	-1.5385855E-04	
22	4.6389417E-05	-1.3698052E-04	
23	2.0637758E-05	-1.2064060E-04	
24	-1.9133385E-06	-1.0499843E-04	
25	-2.1416466E-05	-9.0179059E-05	
26	-3.8045917E-05	-7.6274019E-05	
27	-5.1991053E-05	-6.3344676E-05	
28	-6.3452743E-05	-5.1450749E-05	
29	-7.2642632E-05	-4.0626021E-05	
30	-7.9773513E-05	-3.0856712E-05	
31	-8.5053560E-05	-2.2111045E-05	
32	-8.8683091E-05	-1.4343028E-05	
33	-9.0852127E-05	-7.4956398E-06	
34	-9.1738398E-05	-1.5040133E-06	
35	-9.1506100E-05	3.7021011E-06	
36	-9.0305039E-05	8.1959845E-06	
37	-8.8270248E-05	1.2051898E-05	
38	-8.5521919E-05	1.5343379E-05	
39	-8.2165783E-05	1.8141560E-05	
40	-7.8293687E-05	2.0513852E-05	
41	-7.3984471E-05	2.2522725E-05	
42	-6.9305059E-05	2.4224678E-05	
43	-6.4311754E-05	2.5669314E-05	
44	-5.9051698E-05	2.6898480E-05	
45	-5.3564531E-05	2.7945521E-05	
46	-4.7884045E-05	2.8834644E-05	
47	-4.2040238E-05	2.9580301E-05	
48	-3.6061208E-05	3.0186708E-05	
49	-2.9975271E-05	3.0647377E-05	
50	-2.3813177E-05	3.0944701E-05	
51	-1.7610092E-05	3.1049624E-05	



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33 D	26.82	9.0852E-05	118.2 88.83 118.2	98.72	UL-RL 1.0315E+05 -6.400 45.28 1.000 1.000
134.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	27.53	9.1738E-05	120.9 90.57 120.9	100.6	UL-RL 1.0315E+05 -6.600 47.09 1.000 1.000
137.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	28.23	9.1506E-05	124.4 92.25 124.4	102.5	UL-RL 1.0315E+05 -6.800 48.90 1.000 1.000
141.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	28.91	9.0305E-05	127.4 93.86 127.4	104.4	UL-RL 1.0315E+05 -7.000 50.71 1.000 1.000
144.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	29.59	8.8270E-05	130.5 95.43 130.5	106.2	UL-RL 1.0315E+05 -7.200 52.51 1.000 1.000
147.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	30.26	8.5522E-05	133.5 96.96 133.5	108.0	UL-RL 1.0315E+05 -7.400 54.32 1.000 1.000
151.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	30.91	8.2166E-05	136.9 98.44 136.9	109.8	UL-RL 1.0315E+05 -7.600 56.13 1.000 1.000
154.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	31.57	7.8294E-05	139.8 99.89 139.8	111.5	UL-RL 1.0315E+05 -7.800 57.94 1.000 1.000
157.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	32.21	7.3984E-05	142.8 101.3 142.8	113.2	UL-RL 1.0315E+05 -8.000 59.74 1.000 1.000
161.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	32.85	6.9305E-05	145.7 102.7 145.7	115.0	UL-RL 1.0315E+05 -8.200 61.55 1.000 1.000
164.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	33.48	6.4312E-05	149.0 104.1 149.0	116.7	UL-RL 1.0315E+05 -8.400 63.36 1.000 1.000
167.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	34.11	5.9052E-05	151.6 105.4 151.6	118.4	UL-RL 1.0315E+05 -8.600 65.17 1.000 1.000
170.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	34.74	5.3565E-05	154.8 106.7 154.8	120.1	UL-RL 1.0315E+05 -8.800 66.98 1.000 1.000
173.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	35.36	4.7884E-05	157.7 108.0 157.7	121.8	UL-RL 1.0315E+05 -9.000 68.78 1.000 1.000
176.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	35.98	4.2040E-05	160.9 109.3 160.9	123.6	UL-RL 1.0315E+05 -9.200 70.59 1.000 1.000
179.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	36.60	3.6061E-05	163.4 110.6 163.4	125.3	UL-RL 1.0315E+05 -9.400 72.40 1.000 1.000
183.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	37.21	2.9975E-05	166.6 111.9 166.6	127.0	UL-RL 1.0315E+05 -9.600 74.21 1.000 1.000
186.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	37.82	2.3813E-05	169.4 113.1 169.4	128.7	UL-RL 1.0315E+05 -9.800 76.01 1.000 1.000
189.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	19.22	1.7610E-05	172.2 114.4 172.2	130.4	UL-RL 1.0315E+05 -10.00 77.82 1.000 1.000
192.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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33 D	29.05	-9.0852E-05	48.53 106.9 75.08	112.9	UL-RL 6.5822E+04 -6.400 38.36 1.000 1.000
145.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	29.77	-9.1738E-05	50.78 108.3 77.52	114.3	UL-RL 6.5822E+04 -6.600 40.56 1.000 1.000
148.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	30.51	-9.1506E-05	53.02 109.8 79.96	115.8	UL-RL 6.5822E+04 -6.800 42.75 1.000 1.000
152.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	31.27	-9.0305E-05	55.27 111.4 82.40	117.4	UL-RL 6.5822E+04 -7.000 44.94 1.000 1.000
156.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	32.05	-8.8270E-05	57.52 113.1 84.84	118.9	UL-RL 6.5822E+04 -7.200 47.13 1.000 1.000
160.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	32.83	-8.5522E-05	59.77 114.8 87.28	120.5	UL-RL 6.5822E+04 -7.400 49.32 1.000 1.000
164.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	33.63	-8.2166E-05	62.02 116.6 89.72	122.0	UL-RL 6.5822E+04 -7.600 51.52 1.000 1.000
168.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	34.44	-7.8294E-05	64.26 118.5 92.16	123.6	UL-RL 6.5822E+04 -7.800 53.71 1.000 1.000
172.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	35.25	-7.3984E-05	66.51 120.4 94.60	125.2	UL-RL 6.5822E+04 -8.000 55.90 1.000 1.000
176.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
42 D	36.08	-6.9305E-05	68.76 122.3 97.04	126.8	UL-RL 6.5822E+04 -8.200 58.09 1.000 1.000
180.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
43 D	36.90	-6.4312E-05	71.01 124.2 99.48	128.5	UL-RL 6.5822E+04 -8.400 60.29 1.000 1.000
184.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
44 D	37.74	-5.9052E-05	73.25 126.2 101.9	130.1	UL-RL 6.5822E+04 -8.600 62.48 1.000 1.000
188.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
45 D	38.58	-5.3565E-05	75.50 128.2 104.4	131.7	UL-RL 6.5822E+04 -8.800 64.67 1.000 1.000
192.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
46 D	39.42	-4.7884E-05	77.75 130.2 106.8	133.4	UL-RL 6.5822E+04 -9.000 66.86 1.000 1.000
197.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
47 D	40.27	-4.2040E-05	80.00 132.3 109.2	135.0	UL-RL 6.5822E+04 -9.200 69.05 1.000 1.000
201.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
48 D	41.12	-3.6061E-05	82.25 134.3 111.7	136.7	UL-RL 6.5822E+04 -9.400 71.25 1.000 1.000
205.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
49 D	41.97	-2.9975E-05	84.49 136.4 114.1	138.4	UL-RL 6.5822E+04 -9.600 73.44 1.000 1.000
209.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
50 D	42.82	-2.3813E-05	86.74 138.5 116.6	140.1	UL-RL 6.5822E+04 -9.800 75.63 1.000 1.000
214.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
51 D	21.84	-1.7610E-05	88.99 140.6 119.0	141.7	UL-RL 6.5822E+04 -10.00 77.82 1.000 1.000
218.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 50  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.21896	-0.21896	2.56040E-12	4.37917E-02
2	0.65688	-0.65688	-4.37917E-02	0.17517
3	1.0948	-1.0948	-0.17517	0.39413
4	2.4484	-2.4484	-0.39413	0.88380
5	4.8298	-4.8298	-0.88380	1.8498
6	8.1414	-8.1414	-1.8498	3.4781
7	12.302	-12.302	-3.4781	5.9385
8	17.245	-17.245	-5.9385	9.3875
9	18.595	-18.595	-9.3875	13.106
10	20.682	-20.682	-13.106	17.243
11	23.429	-23.429	-17.243	21.929
12	28.044	-28.044	-21.929	27.537
13	34.307	-34.307	-27.537	34.399
14	31.607	-31.607	-34.399	40.720
15	26.687	-26.687	-40.720	46.058
16	21.014	-21.014	-46.058	50.260
17	14.278	-14.278	-50.260	53.116
18	7.1241	-7.1241	-53.116	54.541
19	1.4639	-1.4639	-54.541	54.834
20	-3.6028	3.6028	-54.834	54.113
21	-7.1037	7.1037	-54.113	52.692
22	-9.9219	9.9219	-52.692	50.708
23	-12.155	12.155	-50.708	48.277
24	-13.878	13.878	-48.277	45.501
25	-15.051	15.051	-45.501	42.491
26	-15.818	15.818	-42.491	39.327
27	-16.945	16.945	-39.327	35.938
28	-16.885	16.885	-35.938	32.561
29	-16.509	16.509	-32.561	29.260
30	-15.879	15.879	-29.260	26.084
31	-15.053	15.053	-26.084	23.073
32	-14.078	14.078	-23.073	20.258
33	-12.999	12.999	-20.258	17.658
34	-11.855	11.855	-17.658	15.287
35	-10.680	10.680	-15.287	13.151
36	-9.5048	9.5048	-13.151	11.250
37	-8.3547	8.3547	-11.250	9.5789
38	-7.2535	7.2535	-9.5789	8.1282
39	-6.2218	6.2218	-8.1282	6.8838
40	-5.2769	5.2769	-6.8838	5.8285
41	-4.4341	4.4341	-5.8285	4.9416
42	-3.7075	3.7075	-4.9416	4.2001
43	-3.1101	3.1101	-4.2001	3.5781
44	-2.6523	2.6523	-3.5781	3.0477
45	-2.3444	2.3444	-3.0477	2.5788
46	-2.1949	2.1949	-2.5788	2.1398
47	-2.2110	2.2110	-2.1398	1.6976
48	-2.4002	2.4002	-1.6976	1.2176
49	-2.7681	2.7681	-1.2176	0.66394
50	-3.3196	3.3196	-0.66394	3.56382E-14



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Exe Time : 8 June 2018 11:40:49

FINAL INCREMENTAL ANALYSIS  
SUMMARY

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	3
3	CONVERGENCE :YES	4

END OF PROCESS FOR PROBLEM  
New Project  
NONLINEAR SOLUTION CPU TIME .... 0.19 [sec]  
DATABASE CREATION CPU TIME..... 0.10 [sec]

#### 4. PARATIA ALLA PK 140+180, H = 14 M

#### Design Assumption : Nominal - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:05:41

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*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

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JOB : NewProject.BaseDesignSection\_28.Nominal\_63

STARTING

```

ACCEPTED &lt;FILE,GENW &gt;
ACCEPTED &lt;FILE,PLOTTER,BINARY &gt;
ACCEPTED &lt;SOLVE TOTAL_STRESS &gt;
ACCEPTED &lt;PARAM ITEMAY 40 &gt;
ACCEPTED &lt;CONTROL HINGES 0 0.0001 0.001 &gt;

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\* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED \*  
\* BY THE PROGRAM. \*  
\*\*\*\*\*

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	71
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	142
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	159
NO. OF LONG NAMES (LASTNAME) .....	16
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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PREPROCESSOR DATA  
 NO. OF COMMANDS 159

- 1 : UNIT m kN
- 2 : TITLE New Project
- 3 : DELTA 0.2
- 4 : option param itemax 40
- 5 : option control hinges 0 0.0001 0.001
- 6 : WALL LeftWall\_32 0 -14 0 1
- 7 : SOIL 0\_L LeftWall\_32 -14 0 1 0
- 8 : SOIL 0\_R LeftWall\_32 -14 0 2 180
- 9 : LDATA Riporto\_2\_8\_L\_0 4 LeftWall\_32
- 10 : ATREST 0.5 1 1
- 11 : WEIGHT 16.8 8.3 10
- 12 : PERMEABILITY 0.0001
- 13 : RESISTANCE 5 23 0 0 0
- 14 : YOUNG 2E+04 3.2E+04
- 15 : ENDL
- 16 : LDATA sabbialimosoghiaiosal\_234\_219\_L\_0 -1.5 LeftWall\_32
- 17 : ATREST 0.76 2 1
- 18 : WEIGHT 20.9 11.8 10
- 19 : PERMEABILITY 1E-05
- 20 : RESISTANCE 10 37 0 0 0
- 21 : YOUNG 6E+04 1.5E+05
- 22 : ENDL
- 23 : LDATA Sabbialimosoghiaiosal\_235\_220\_L\_0 -5 LeftWall\_32
- 24 : ATREST 0.76 2 1
- 25 : WEIGHT 21.4 12.2 10
- 26 : PERMEABILITY 1E-05
- 27 : RESISTANCE 20 37 0 0 0
- 28 : YOUNG 7.5E+04 1.88E+05
- 29 : ENDL
- 30 : LDATA sabbialimosoghiaiosal\_236\_221\_L\_0 -10 LeftWall\_32
- 31 : ATREST 0.76 2 1
- 32 : WEIGHT 21.4 12.2 10
- 33 : PERMEABILITY 1E-05
- 34 : RESISTANCE 30 36 0 0 0
- 35 : YOUNG 1E+05 2.5E+05
- 36 : ENDL
- 37 : MATERIAL Fe360\_108 2.06E+08
- 38 : MATERIAL C2530\_104 3.148E+07
- 39 : BEAM WallElement\_33 LeftWall\_32 -14 0 C2530\_104 0.6225 00 00 0
- 40 : STRIP LeftWall\_32 1 3 4.15 25.85 0 20 45
- 41 : STEP Stage1\_31
- 42 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32
- 43 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32
- 44 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32
- 45 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32
- 46 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32
- 47 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32
- 48 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32
- 49 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32
- 50 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32
- 51 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32
- 52 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32
- 53 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32
- 54 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32
- 55 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32
- 56 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32
- 57 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32
- 58 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32
- 59 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32
- 60 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-FRICT=36 LeftWall\_32
- 61 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-FRICT=36 LeftWall\_32
- 62 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KA=0.215 LeftWall\_32
- 63 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KP=6.978 LeftWall\_32
- 64 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KA=0.215 LeftWall\_32
- 65 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KP=6.978 LeftWall\_32
- 66 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32
- 67 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32
- 68 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32
- 69 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32
- 70 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=10 LeftWall\_32
- 71 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32
- 72 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=10 LeftWall\_32
- 73 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32
- 74 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=20 LeftWall\_32
- 75 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32
- 76 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=20 LeftWall\_32
- 77 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32

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78 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
79 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
80 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
81 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
82 : SETWALL LeftWall\_32  
83 : GEOM 0 0  
84 : WATER -0.5 0 -14 0 0  
85 : ADD WallElement\_33  
86 : ENDSTEP  
87 : STEP Stage2\_446  
88 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=6.676 LeftWall\_32  
89 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KA=0.214 LeftWall\_32  
90 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KP=3.893 LeftWall\_32  
91 : SETWALL LeftWall\_32  
92 : GEOM 0 -7.4  
93 : WATER -10.9 1.5 -14 0 0  
94 : ENDSTEP  
95 : STEP Stage3\_549  
96 : SETWALL LeftWall\_32  
97 : GEOM 0 -7.4  
98 : WATER -10.9 1.5 -14 0 0  
99 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.427 LeftWall\_32  
100 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.489 LeftWall\_32  
101 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.888 LeftWall\_32  
102 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.703 LeftWall\_32  
103 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.427 LeftWall\_32  
104 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.489 LeftWall\_32  
105 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.888 LeftWall\_32  
106 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.703 LeftWall\_32  
107 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KAED=0.241 LeftWall\_32  
108 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KAEW=0.271 LeftWall\_32  
109 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KPED=7.242 LeftWall\_32  
110 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KPEW=6.997 LeftWall\_32  
111 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KAED=0.241 LeftWall\_32  
112 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KAEW=0.271 LeftWall\_32  
113 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KPED=7.242 LeftWall\_32  
114 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KPEW=6.997 LeftWall\_32  
115 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAED=0.241 LeftWall\_32  
116 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAEW=0.271 LeftWall\_32  
117 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPED=7.242 LeftWall\_32  
118 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPEW=7.003 LeftWall\_32  
119 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAED=0.241 LeftWall\_32  
120 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAEW=0.271 LeftWall\_32  
121 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPED=6.385 LeftWall\_32  
122 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPEW=6.138 LeftWall\_32  
123 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KAED=0.251 LeftWall\_32  
124 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KAEW=0.282 LeftWall\_32  
125 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPED=6.715 LeftWall\_32  
126 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPEW=6.488 LeftWall\_32  
127 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAED=0.25 LeftWall\_32  
128 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAEW=0.281 LeftWall\_32  
129 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPED=3.598 LeftWall\_32  
130 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPEW=3.354 LeftWall\_32  
131 : EQK USER 0.0676 0 0 0 0.66 0 0.66 1 0  
132 : DLOAD step LeftWall\_32 -7.4 3.795 0 3.795  
133 : DLOAD step LeftWall\_32 -7.4 0.8495 0 0.8495  
134 : DLOAD step LeftWall\_32 -11.1 1.134 -10.9 0  
135 : DLOAD step LeftWall\_32 -11.3 1.603 -11.1 1.134  
136 : DLOAD step LeftWall\_32 -11.5 1.963 -11.3 1.603  
137 : DLOAD step LeftWall\_32 -11.7 2.267 -11.5 1.963  
138 : DLOAD step LeftWall\_32 -11.9 2.535 -11.7 2.267  
139 : DLOAD step LeftWall\_32 -12.1 2.777 -11.9 2.535  
140 : DLOAD step LeftWall\_32 -12.3 2.999 -12.1 2.777  
141 : DLOAD step LeftWall\_32 -12.5 3.206 -12.3 2.999  
142 : DLOAD step LeftWall\_32 -12.7 3.401 -12.5 3.206  
143 : DLOAD step LeftWall\_32 -12.9 3.584 -12.7 3.401  
144 : DLOAD step LeftWall\_32 -13.1 3.759 -12.9 3.584  
145 : DLOAD step LeftWall\_32 -13.3 3.927 -13.1 3.759  
146 : DLOAD step LeftWall\_32 -13.5 4.087 -13.3 3.927  
147 : DLOAD step LeftWall\_32 -13.7 4.241 -13.5 4.087  
148 : DLOAD step LeftWall\_32 -13.9 4.39 -13.7 4.241  
149 : DLOAD step LeftWall\_32 -14 4.463 -13.9 4.39  
150 : DLOAD step LeftWall\_32 -12.6 0.8143 -12.4 0  
151 : DLOAD step LeftWall\_32 -12.8 1.152 -12.6 0.8143  
152 : DLOAD step LeftWall\_32 -13 1.41 -12.8 1.152  
153 : DLOAD step LeftWall\_32 -13.2 1.629 -13 1.41  
154 : DLOAD step LeftWall\_32 -13.4 1.821 -13.2 1.629  
155 : DLOAD step LeftWall\_32 -13.6 1.995 -13.4 1.821  
156 : DLOAD step LeftWall\_32 -13.8 2.155 -13.6 1.995  
157 : DLOAD step LeftWall\_32 -14 2.303 -13.8 2.155  
158 : DLOAD step LeftWall\_32 -14 2.303 -14 2.303  
159 : ENDSTEP

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD /
1	0.0000	0.0000 /	2	0.0000 -0.20000 /	3	0.0000 -0.40000 /	4	0.0000 -0.60000 /
5	0.0000	-0.80000 /	6	0.0000 -1.0000 /	7	0.0000 -1.2000 /	8	0.0000 -1.4000 /
9	0.0000	-1.6000 /	10	0.0000 -1.8000 /	11	0.0000 -2.0000 /	12	0.0000 -2.2000 /
13	0.0000	-2.4000 /	14	0.0000 -2.6000 /	15	0.0000 -2.8000 /	16	0.0000 -3.0000 /
17	0.0000	-3.2000 /	18	0.0000 -3.4000 /	19	0.0000 -3.6000 /	20	0.0000 -3.8000 /
21	0.0000	-4.0000 /	22	0.0000 -4.2000 /	23	0.0000 -4.4000 /	24	0.0000 -4.6000 /
25	0.0000	-4.8000 /	26	0.0000 -5.0000 /	27	0.0000 -5.2000 /	28	0.0000 -5.4000 /
29	0.0000	-5.6000 /	30	0.0000 -5.8000 /	31	0.0000 -6.0000 /	32	0.0000 -6.2000 /
33	0.0000	-6.4000 /	34	0.0000 -6.6000 /	35	0.0000 -6.8000 /	36	0.0000 -7.0000 /
37	0.0000	-7.2000 /	38	0.0000 -7.4000 /	39	0.0000 -7.6000 /	40	0.0000 -7.8000 /
41	0.0000	-8.0000 /	42	0.0000 -8.2000 /	43	0.0000 -8.4000 /	44	0.0000 -8.6000 /
45	0.0000	-8.8000 /	46	0.0000 -9.0000 /	47	0.0000 -9.2000 /	48	0.0000 -9.4000 /
49	0.0000	-9.6000 /	50	0.0000 -9.8000 /	51	0.0000 -10.000 /	52	0.0000 -10.200 /
53	0.0000	-10.400 /	54	0.0000 -10.600 /	55	0.0000 -10.800 /	56	0.0000 -11.000 /
57	0.0000	-11.200 /	58	0.0000 -11.400 /	59	0.0000 -11.600 /	60	0.0000 -11.800 /
61	0.0000	-12.000 /	62	0.0000 -12.200 /	63	0.0000 -12.400 /	64	0.0000 -12.600 /
65	0.0000	-12.800 /	66	0.0000 -13.000 /	67	0.0000 -13.200 /	68	0.0000 -13.400 /
69	0.0000	-13.600 /	70	0.0000 -13.800 /	71	0.0000 -14.000 /		

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```

ELEMENT GROUP NO. 1

```

0_L
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

```

```

.....2D PLASTIC SOIL .....

```

element group behaviour throughout stage analysis

```

stage  status
-----

```

```

1  active
2  active
3  active

```

material set no. 1

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 1.00000

```

material set no. 2

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 2.00000

```

material set no. 3

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 3.00000

```

material set no. 4

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 4.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000

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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000



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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:05:41

ELEMENT GROUP NO. 2

0\_R  
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....  
.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status

1 active  
2 active  
3 active

material set no. 1

prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

material set no. 4

prop( 1) angle 180.000  
prop( 2) layer as foreseen 4.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000

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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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NewProject.BaseDesignSection\_28.Nominal\_63

Exe Time :13 June 2018 14:05:41

ELEMENT GROUP NO. 3

WallElement\_33

2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status

1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1

step inertia multiplier

1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000

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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:05:41

NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -7.400 PRESSURE 3.795  
Z-COORD 0.000 PRESSURE 3.795

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 38

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
38	-.7400E+01	0.3795057E+00 /	37	-.7200E+01	0.7589981E+00 /	36	-.7000E+01	0.7589981E+00 /
35	-.6800E+01	0.7590000E+00 /	34	-.6600E+01	0.7590000E+00 /	33	-.6400E+01	0.7590000E+00 /
32	-.6200E+01	0.7589981E+00 /	31	-.6000E+01	0.7589981E+00 /	30	-.5800E+01	0.7590000E+00 /
29	-.5600E+01	0.7590000E+00 /	28	-.5400E+01	0.7590000E+00 /	27	-.5200E+01	0.7589981E+00 /
26	-.5000E+01	0.7589981E+00 /	25	-.4800E+01	0.7590000E+00 /	24	-.4600E+01	0.7590000E+00 /
23	-.4400E+01	0.7590000E+00 /	22	-.4200E+01	0.7590000E+00 /	21	-.4000E+01	0.7589981E+00 /
20	-.3800E+01	0.7589981E+00 /	19	-.3600E+01	0.7590000E+00 /	18	-.3400E+01	0.7590000E+00 /
17	-.3200E+01	0.7590019E+00 /	16	-.3000E+01	0.7590019E+00 /	15	-.2800E+01	0.7590000E+00 /
14	-.2600E+01	0.7590000E+00 /	13	-.2400E+01	0.7590000E+00 /	12	-.2200E+01	0.7590000E+00 /
11	-.2000E+01	0.7590000E+00 /	10	-.1800E+01	0.7590000E+00 /	9	-.1600E+01	0.7590000E+00 /
8	-.1400E+01	0.7590000E+00 /	7	-.1200E+01	0.7590000E+00 /	6	-.1000E+01	0.7590000E+00 /
5	-.8000E+00	0.7590000E+00 /	4	-.6000E+00	0.7590000E+00 /	3	-.4000E+00	0.7590000E+00 /
2	-.2000E+00	0.7590000E+00 /	1	0.0000E+00	0.3795000E+00 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 28.083

PROCESSING DISTRIBUTED LOADS CARD NO. 2

AT Y-COORD 0.000 Z-COORD -7.400 PRESSURE 0.8495

Z-COORD 0.000 PRESSURE 0.8495

L.CURVE 3

NO. OF GENERATED NODAL FORCES 38

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
38	-.7400E+01	0.8495127E-01 /	37	-.7200E+01	0.1698996E+00 /	36	-.7000E+01	0.1698996E+00 /
35	-.6800E+01	0.1699000E+00 /	34	-.6600E+01	0.1699000E+00 /	33	-.6400E+01	0.1699000E+00 /
32	-.6200E+01	0.1698996E+00 /	31	-.6000E+01	0.1698996E+00 /	30	-.5800E+01	0.1699000E+00 /
29	-.5600E+01	0.1699000E+00 /	28	-.5400E+01	0.1699000E+00 /	27	-.5200E+01	0.1698996E+00 /
26	-.5000E+01	0.1698996E+00 /	25	-.4800E+01	0.1699000E+00 /	24	-.4600E+01	0.1699000E+00 /
23	-.4400E+01	0.1699000E+00 /	22	-.4200E+01	0.1699000E+00 /	21	-.4000E+01	0.1698996E+00 /
20	-.3800E+01	0.1698996E+00 /	19	-.3600E+01	0.1699000E+00 /	18	-.3400E+01	0.1699000E+00 /
17	-.3200E+01	0.1699004E+00 /	16	-.3000E+01	0.1699004E+00 /	15	-.2800E+01	0.1699000E+00 /
14	-.2600E+01	0.1699000E+00 /	13	-.2400E+01	0.1699000E+00 /	12	-.2200E+01	0.1699000E+00 /
11	-.2000E+01	0.1699000E+00 /	10	-.1800E+01	0.1699000E+00 /	9	-.1600E+01	0.1699000E+00 /
8	-.1400E+01	0.1699000E+00 /	7	-.1200E+01	0.1699000E+00 /	6	-.1000E+01	0.1699000E+00 /
5	-.8000E+00	0.1699000E+00 /	4	-.6000E+00	0.1699000E+00 /	3	-.4000E+00	0.1699000E+00 /
2	-.2000E+00	0.1699000E+00 /	1	0.0000E+00	0.8495000E-01 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 6.2863

PROCESSING DISTRIBUTED LOADS CARD NO. 3

AT Y-COORD 0.000 Z-COORD -11.10 PRESSURE 1.134

Z-COORD -10.90 PRESSURE 0.000

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
56	-.1100E+02	0.1134000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.11340

PROCESSING DISTRIBUTED LOADS CARD NO. 4

AT Y-COORD 0.000 Z-COORD -11.30 PRESSURE 1.603

Z-COORD -11.10 PRESSURE 1.134

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
57	-.1120E+02	0.2737000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.27370

PROCESSING DISTRIBUTED LOADS CARD NO. 5

AT Y-COORD 0.000 Z-COORD -11.50 PRESSURE 1.963

Z-COORD -11.30 PRESSURE 1.603

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
58	-.1140E+02	0.3566000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.35660

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PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -11.70 PRESSURE 2.267  
 Z-COORD -11.50 PRESSURE 1.963  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 59 -.1160E+02 0.4230000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.42300

PROCESSING DISTRIBUTED LOADS CARD NO. 7  
 AT Y-COORD 0.000 Z-COORD -11.90 PRESSURE 2.535  
 Z-COORD -11.70 PRESSURE 2.267  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 60 -.1180E+02 0.4802000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.48020

PROCESSING DISTRIBUTED LOADS CARD NO. 8  
 AT Y-COORD 0.000 Z-COORD -12.10 PRESSURE 2.777  
 Z-COORD -11.90 PRESSURE 2.535  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 61 -.1200E+02 0.5312000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.53120

PROCESSING DISTRIBUTED LOADS CARD NO. 9  
 AT Y-COORD 0.000 Z-COORD -12.30 PRESSURE 2.999  
 Z-COORD -12.10 PRESSURE 2.777  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 62 -.1220E+02 0.5776000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.57760

PROCESSING DISTRIBUTED LOADS CARD NO. 10  
 AT Y-COORD 0.000 Z-COORD -12.50 PRESSURE 3.206  
 Z-COORD -12.30 PRESSURE 2.999  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 63 -.1240E+02 0.6205000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.62050

PROCESSING DISTRIBUTED LOADS CARD NO. 11  
 AT Y-COORD 0.000 Z-COORD -12.70 PRESSURE 3.401  
 Z-COORD -12.50 PRESSURE 3.206  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 64 -.1260E+02 0.6607000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.66070

PROCESSING DISTRIBUTED LOADS CARD NO. 12  
 AT Y-COORD 0.000 Z-COORD -12.90 PRESSURE 3.584  
 Z-COORD -12.70 PRESSURE 3.401  
 L.CURVE 3



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NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
65	-.1280E+02	0.6985000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.69850			
PROCESSING DISTRIBUTED LOADS CARD NO. 13							
AT Y-COORD	0.000	Z-COORD	-13.10	PRESSURE	3.759		
		Z-COORD	-12.90	PRESSURE	3.584		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
66	-.1300E+02	0.7343000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.73430			
PROCESSING DISTRIBUTED LOADS CARD NO. 14							
AT Y-COORD	0.000	Z-COORD	-13.30	PRESSURE	3.927		
		Z-COORD	-13.10	PRESSURE	3.759		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
67	-.1320E+02	0.7686000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.76860			
PROCESSING DISTRIBUTED LOADS CARD NO. 15							
AT Y-COORD	0.000	Z-COORD	-13.50	PRESSURE	4.087		
		Z-COORD	-13.30	PRESSURE	3.927		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
68	-.1340E+02	0.8014000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.80140			
PROCESSING DISTRIBUTED LOADS CARD NO. 16							
AT Y-COORD	0.000	Z-COORD	-13.70	PRESSURE	4.241		
		Z-COORD	-13.50	PRESSURE	4.087		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
69	-.1360E+02	0.8328000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.83280			
PROCESSING DISTRIBUTED LOADS CARD NO. 17							
AT Y-COORD	0.000	Z-COORD	-13.90	PRESSURE	4.390		
		Z-COORD	-13.70	PRESSURE	4.241		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
70	-.1380E+02	0.8631000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.86310			
PROCESSING DISTRIBUTED LOADS CARD NO. 18							
AT Y-COORD	0.000	Z-COORD	-14.00	PRESSURE	4.463		
		Z-COORD	-13.90	PRESSURE	4.390		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
71	-.1400E+02	0.4426500E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.44265			

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PROCESSING DISTRIBUTED LOADS CARD NO. 19  
 AT Y-COORD 0.000 Z-COORD -12.60 PRESSURE 0.8143  
 Z-COORD -12.40 PRESSURE 0.000  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 64 -.1260E+02 0.8143000E-01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.81430E-01

PROCESSING DISTRIBUTED LOADS CARD NO. 20  
 AT Y-COORD 0.000 Z-COORD -12.80 PRESSURE 1.152  
 Z-COORD -12.60 PRESSURE 0.8143  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 65 -.1280E+02 0.1966300E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.19663

PROCESSING DISTRIBUTED LOADS CARD NO. 21  
 AT Y-COORD 0.000 Z-COORD -13.00 PRESSURE 1.410  
 Z-COORD -12.80 PRESSURE 1.152  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 66 -.1300E+02 0.2562000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.25620

PROCESSING DISTRIBUTED LOADS CARD NO. 22  
 AT Y-COORD 0.000 Z-COORD -13.20 PRESSURE 1.629  
 Z-COORD -13.00 PRESSURE 1.410  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 67 -.1320E+02 0.3039000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.30390

PROCESSING DISTRIBUTED LOADS CARD NO. 23  
 AT Y-COORD 0.000 Z-COORD -13.40 PRESSURE 1.821  
 Z-COORD -13.20 PRESSURE 1.629  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 68 -.1340E+02 0.3450000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.34500

PROCESSING DISTRIBUTED LOADS CARD NO. 24  
 AT Y-COORD 0.000 Z-COORD -13.60 PRESSURE 1.995  
 Z-COORD -13.40 PRESSURE 1.821  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 69 -.1360E+02 0.3816000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.38160

PROCESSING DISTRIBUTED LOADS CARD NO. 25  
 AT Y-COORD 0.000 Z-COORD -13.80 PRESSURE 2.155  
 Z-COORD -13.60 PRESSURE 1.995

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L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	

70 -.1380E+02 0.4150000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.41500

PROCESSING DISTRIBUTED LOADS CARD NO. 26  
 AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 2.303  
 Z-COORD -13.80 PRESSURE 2.155

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	

71 -.1400E+02 0.4458000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.44580

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 27  
 AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 2.303  
 Z-COORD -14.00 PRESSURE 2.303

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /	

71 -.1400E+02 0.4458000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.44580

NO. OF DISTRIBUTED LOAD CARDS 27

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Exe Time :13 June 2018 14:05:41

L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 46.418903  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.6760 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21400 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.8930 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.42700 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.48900 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 2.8880 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 2.7030 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)



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ITEM NO.	59	D-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.37600	WALL NO.	1
ITEM NO.	61	D-KP	3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.42700	WALL NO.	1
ITEM NO.	96	D-KAEW	0.48900	WALL NO.	1
ITEM NO.	97	D-KPED	2.8880	WALL NO.	1
ITEM NO.	98	D-KPEW	2.7030	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.24100	WALL NO.	1
ITEM NO.	46	U-KAEW	0.27100	WALL NO.	1
ITEM NO.	47	U-KPED	7.2420	WALL NO.	1
ITEM NO.	48	U-KPEW	6.9970	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.24100	WALL NO.	1
ITEM NO.	96	D-KAEW	0.27100	WALL NO.	1
ITEM NO.	97	D-KPED	7.2420	WALL NO.	1
ITEM NO.	98	D-KPEW	6.9970	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.24100	WALL NO.	1
ITEM NO.	46	U-KAEW	0.27100	WALL NO.	1
ITEM NO.	47	U-KPED	7.2420	WALL NO.	1
ITEM NO.	48	U-KPEW	7.0030	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	6.6760	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.24100	WALL NO.	1
ITEM NO.	96	D-KAEW	0.27100	WALL NO.	1
ITEM NO.	97	D-KPED	6.3850	WALL NO.	1
ITEM NO.	98	D-KPEW	6.1380	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	

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ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	= 0.25100	WALL NO.	1
ITEM NO.	46	U-KAEW	= 0.28200	WALL NO.	1
ITEM NO.	47	U-KPED	= 6.7150	WALL NO.	1
ITEM NO.	48	U-KPEW	= 6.4880	WALL NO.	1
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21400	WALL NO.	1
ITEM NO.	61	D-KP	= 3.8930	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	= 0.25000	WALL NO.	1
ITEM NO.	96	D-KAEW	= 0.28100	WALL NO.	1
ITEM NO.	97	D-KPED	= 3.5980	WALL NO.	1
ITEM NO.	98	D-KPEW	= 3.3540	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 12 VALUES



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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 1			

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-7.400	0.000
Z-WATER_TABLE		-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 2			

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-7.400	0.000
Z-WATER_TABLE	-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6760E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.150000000000000  
FOUNDATION WIDTH (B) 25.850000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 20.000000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 3869

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.6185E-27 REMNOR= 0.000 RATIO =0.6841E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.6841E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 119 NODE 60 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.3747E-28 REMNOR=0.1421E-52 RATIO =0.1684E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1684E-16 RATIOR= 0.000  
MAX UN=0.1387E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1539E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.2597E-28 REMNOR=0.6837E-52 RATIO =0.1402E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1402E-16 RATIOR= 0.000  
MAX UN=0.7118E-15 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1275E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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2653

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:05:41

New Project  
SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









## GENERAL CONTRACTOR

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## ALTA SORVEGLIANZA



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33 D	24.53	-3.5266E-20	75.08 63.67 75.08	63.67	V-C	4.0065E+04	-6.400	59.00	1.000	1.000
122.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
34 D	25.30	-3.9258E-20	77.52 65.50 77.52	65.50	V-C	4.0065E+04	-6.600	61.00	1.000	1.000
126.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
35 D	26.06	-4.3315E-20	79.96 67.32 79.96	67.32	V-C	4.0065E+04	-6.800	63.00	1.000	1.000
130.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
36 D	26.83	-4.7413E-20	82.40 69.14 82.40	69.14	V-C	4.0065E+04	-7.000	65.00	1.000	1.000
134.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
37 D	27.59	-5.1521E-20	84.84 70.96 84.84	70.96	V-C	4.0065E+04	-7.200	67.00	1.000	1.000
138.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
38 D	28.36	-5.5597E-20	87.28 72.78 87.28	72.78	V-C	4.0065E+04	-7.400	69.00	1.000	1.000
141.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
39 D	29.12	-5.9603E-20	89.72 74.59 89.72	74.59	V-C	4.0065E+04	-7.600	71.00	1.000	1.000
145.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
40 D	29.88	-6.3519E-20	92.16 76.40 92.16	76.40	V-C	4.0065E+04	-7.800	73.00	1.000	1.000
149.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
41 D	30.64	-6.7324E-20	94.60 78.21 94.60	78.21	V-C	4.0065E+04	-8.000	75.00	1.000	1.000
153.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
42 D	31.40	-7.0986E-20	97.04 80.01 97.04	80.01	V-C	4.0065E+04	-8.200	77.00	1.000	1.000
157.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
43 D	32.16	-7.4463E-20	99.48 81.82 99.48	81.82	V-C	4.0065E+04	-8.400	79.00	1.000	1.000
160.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
44 D	32.93	-7.7703E-20	101.9 83.63 101.9	83.63	V-C	4.0065E+04	-8.600	81.00	1.000	1.000
164.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
45 D	33.69	-8.0641E-20	104.4 85.43 104.4	85.43	V-C	4.0065E+04	-8.800	83.00	1.000	1.000
168.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
46 D	34.45	-8.3202E-20	106.8 87.23 106.8	87.23	V-C	4.0065E+04	-9.000	85.00	1.000	1.000
172.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
47 D	35.21	-8.5312E-20	109.2 89.03 109.2	89.03	V-C	4.0065E+04	-9.200	87.00	1.000	1.000
176.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
48 D	35.97	-8.6947E-20	111.7 90.83 111.7	90.83	V-C	4.0065E+04	-9.400	89.00	1.000	1.000
179.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
49 D	36.73	-8.8083E-20	114.1 92.63 114.1	92.63	V-C	4.0065E+04	-9.600	91.00	1.000	1.000
183.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
50 D	37.49	-8.8685E-20	116.6 94.43 116.6	94.43	V-C	4.0065E+04	-9.800	93.00	1.000	1.000
187.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
51 D	38.25	-8.8704E-20	119.0 96.23 119.0	96.23	V-C	4.0065E+04	-10.00	95.00	1.000	1.000
191.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
52 D	39.01	-8.8080E-20	121.4 98.03 121.4	98.03	V-C	5.4592E+04	-10.20	97.00	1.000	1.000
195.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
53 D	39.77	-8.6740E-20	123.9 99.83 123.9	99.83	V-C	5.4592E+04	-10.40	99.00	1.000	1.000
198.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
54 D	40.53	-8.4609E-20	126.3 101.6 126.3	101.6	V-C	5.4592E+04	-10.60	101.0	1.000	1.000
202.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
55 D	41.28	-8.1657E-20	128.8 103.4 128.8	103.4	V-C	5.4592E+04	-10.80	103.0	1.000	1.000
206.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
56 D	42.04	-7.7855E-20	131.2 105.2 131.2	105.2	V-C	5.4592E+04	-11.00	105.0	1.000	1.000
210.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
57 D	42.80	-7.3157E-20	133.6 107.0 133.6	107.0	V-C	5.4592E+04	-11.20	107.0	1.000	1.000
214.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
58 D	43.56	-6.7506E-20	136.1 108.8 136.1	108.8	V-C	5.4592E+04	-11.40	109.0	1.000	1.000
217.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
59 D	44.32	-6.0832E-20	138.5 110.6 138.5	110.6	V-C	5.4592E+04	-11.60	111.0	1.000	1.000
221.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
60 D	45.08	-5.3067E-20	141.0 112.4 141.0	112.4	V-C	5.4592E+04	-11.80	113.0	1.000	1.000
225.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
61 D	45.84	-4.4226E-20	143.4 114.2 143.4	114.2	V-C	5.4592E+04	-12.00	115.0	1.000	1.000
229.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
62 D	46.60	-3.4446E-20	145.8 116.0 145.8	116.0	V-C	5.4592E+04	-12.20	117.0	1.000	1.000
233.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
63 D	47.36	-2.3874E-20	148.3 117.8 148.3	117.8	V-C	5.4592E+04	-12.40	119.0	1.000	1.000
236.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
64 D	48.12	-1.2591E-20	150.7 119.6 150.7	119.6	V-C	5.4592E+04	-12.60	121.0	1.000	1.000
240.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
65 D	48.88	-6.5915E-22	153.2 121.4 153.2	121.4	V-C	5.4592E+04	-12.80	123.0	1.000	1.000
244.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
66 D	49.64	1.1862E-20	155.6 123.2 155.6	123.2	V-C	5.4592E+04	-13.00	125.0	1.000	1.000
248.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
67 D	50.40	2.4900E-20	158.0 125.0 158.0	125.0	V-C	5.4592E+04	-13.20	127.0	1.000	1.000
252.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
68 D	51.16	3.8317E-20	160.5 126.8 160.5	126.8	V-C	5.4592E+04	-13.40	129.0	1.000	1.000
255.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
69 D	51.92	5.1962E-20	162.9 128.6 162.9	128.6	V-C	5.4592E+04	-13.60	131.0	1.000	1.000
259.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
70 D	52.68	6.5691E-20	165.4 130.4 165.4	130.4	V-C	5.4592E+04	-13.80	133.0	1.000	1.000
263.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
71 D	26.72	7.9428E-20	167.8 132.2 167.8	132.2	V-C	5.4592E+04	-14.00	135.0	1.000	1.000
267.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							

GENERAL CONTRACTOR

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:05:41

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-3.65618E-17	3.65618E-17	8.83524E-29	7.31236E-18	
2-1.06776E-16	1.06776E-16	7.31236E-18	2.86676E-17	
3-1.74079E-16	1.74079E-16	2.86676E-17	6.34835E-17	
4-2.38463E-16	2.38463E-16	6.34835E-17	1.11176E-16	
5-2.99910E-16	2.99910E-16	1.11176E-16	1.71158E-16	
6-3.58391E-16	3.58391E-16	1.71158E-16	2.42836E-16	
7-4.13865E-16	4.13865E-16	2.42836E-16	3.25609E-16	
8-4.66269E-16	4.66269E-16	3.25609E-16	4.18863E-16	
9-6.22806E-16	6.22806E-16	4.18863E-16	5.43424E-16	
10-7.69015E-16	7.69015E-16	5.43424E-16	6.97227E-16	
11-9.04489E-16	9.04489E-16	6.97227E-16	8.78125E-16	
12-1.02873E-15	1.02873E-15	8.78125E-16	1.08387E-15	
13-1.14112E-15	1.14112E-15	1.08387E-15	1.31209E-15	
14-1.24095E-15	1.24095E-15	1.31209E-15	1.56028E-15	
15-1.32736E-15	1.32736E-15	1.56028E-15	1.82576E-15	
16-1.39941E-15	1.39941E-15	1.82576E-15	2.10564E-15	
17-1.45602E-15	1.45602E-15	2.10564E-15	2.39685E-15	
18-5.04871E-15	5.04871E-15	2.39685E-15	3.40659E-15	
19-1.51804E-15	1.51804E-15	3.40659E-15	3.71020E-15	
20-1.52078E-15	1.52078E-15	3.71020E-15	4.01435E-15	
21-1.50275E-15	1.50275E-15	4.01435E-15	4.31490E-15	
22-1.46243E-15	1.46243E-15	4.31490E-15	4.60739E-15	
23-2.15448E-15	2.15448E-15	4.60739E-15	4.17649E-15	
24-2.24411E-15	2.24411E-15	4.17649E-15	3.72767E-15	
25-2.36078E-15	2.36078E-15	3.72767E-15	3.25551E-15	
26-2.54237E-15	2.54237E-15	3.25551E-15	2.74704E-15	
27-2.76160E-15	2.76160E-15	2.74704E-15	2.19472E-15	
28-3.02027E-15	3.02027E-15	2.19472E-15	1.59067E-15	
29-2.32657E-16	2.32657E-16	1.59067E-15	1.63720E-15	
30-1.09746E-16	1.09746E-16	1.63720E-15	1.61525E-15	
31-4.96075E-16	4.96075E-16	1.61525E-15	1.51603E-15	
32-9.27405E-16	9.27405E-16	1.51603E-15	1.33055E-15	
33-1.40455E-15	1.40455E-15	1.33055E-15	1.04964E-15	
34-1.92801E-15	1.92801E-15	1.04964E-15	6.64041E-16	
35-2.49799E-15	2.49799E-15	6.64041E-16	1.64442E-16	
36-3.11431E-15	3.11431E-15	1.64442E-16	4.58417E-16	
37-3.77640E-15	3.77640E-15	4.58417E-16	1.21370E-15	
38-9.30568E-16	9.30568E-16	1.21370E-15	1.39981E-15	
39-1.68083E-15	1.68083E-15	1.39981E-15	1.73598E-15	
40-2.47260E-15	2.47260E-15	1.73598E-15	2.23050E-15	
41-3.30352E-15	3.30352E-15	2.23050E-15	2.89120E-15	
42-4.17072E-15	4.17072E-15	2.89120E-15	3.72534E-15	
43-5.07086E-15	5.07086E-15	3.72534E-15	4.73952E-15	
44-6.00005E-15	6.00005E-15	4.73952E-15	5.93952E-15	
45-6.95391E-15	6.95391E-15	5.93952E-15	7.33030E-15	
46-8.22107E-16	8.22107E-16	7.33030E-15	7.49472E-15	
47-1.81011E-15	1.81011E-15	7.49472E-15	7.85674E-15	
48-2.80661E-15	2.80661E-15	7.85674E-15	8.41807E-15	
49-3.80528E-15	3.80528E-15	8.41807E-15	9.17912E-15	
50-4.79937E-15	4.79937E-15	9.17912E-15	1.01390E-14	
51-5.78175E-15	5.78175E-15	1.01390E-14	1.12954E-14	
52-7.05694E-15	7.05694E-15	1.12954E-14	1.27067E-14	
53-1.19106E-15	1.19106E-15	1.27067E-14	1.29449E-14	
54-2.38442E-15	2.38442E-15	1.29449E-14	1.34218E-14	
55-3.52091E-15	3.52091E-15	1.34218E-14	1.41260E-14	
56-4.58985E-15	4.58985E-15	1.41260E-14	1.50439E-14	
57-5.58063E-15	5.58063E-15	1.50439E-14	1.61601E-14	
58-6.48294E-15	6.48294E-15	1.61601E-14	1.74567E-14	
59-1.81388E-16	1.81388E-16	1.74567E-14	1.74929E-14	
60-1.33334E-14	1.33334E-14	1.74929E-14	1.48262E-14	
61-1.27539E-14	1.27539E-14	1.48262E-14	1.22755E-14	
62-5.19348E-15	5.19348E-15	1.22755E-14	1.12368E-14	
63-4.87000E-15	4.87000E-15	1.12368E-14	1.02628E-14	
64-4.68414E-15	4.68414E-15	1.02628E-14	9.32594E-15	
65-4.64093E-15	4.64093E-15	9.32594E-15	8.39775E-15	
66-1.18498E-14	1.18498E-14	8.39775E-15	6.02778E-15	
67-1.21030E-14	1.21030E-14	6.02778E-15	3.60717E-15	
68-1.25081E-14	1.25081E-14	3.60717E-15	1.10556E-15	

## GENERAL CONTRACTOR

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69-5.96072E-15 5.96072E-15-1.10556E-15-8.65806E-17  
70 4.32881E-16-4.32881E-16 8.65806E-17 2.01948E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.1192E+05 REMNOR=0.6837E-52 RATIO =0.3481 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.3481 RATIOR= 0.000  
MAX UN= 24.04 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
MIN UN=-27.95 IEQ= 89 NODE 45 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 171.7 REMNOR=0.3273E-19 RATIO =0.4179E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.4179E-01 RATIOR= 0.000  
MAX UN= 6.659 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.5770 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 86.93 REMNOR=0.5794E-19 RATIO =0.2973E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.2973E-01 RATIOR= 0.000  
MAX UN= 5.898 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
MIN UN=-.7656E-09 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 28.92 REMNOR=0.5963E-19 RATIO =0.1715E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.1715E-01 RATIOR= 0.000  
MAX UN= 4.208 IEQ= 49 NODE 25 DOF 1 Y-DISPL.F  
MIN UN=-.1444E-01 IEQ= 85 NODE 43 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.5397 REMNOR=0.2347E-19 RATIO =0.2343E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.2343E-02 RATIOR= 0.000  
MAX UN=0.7221 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
MIN UN=-.9257E-01 IEQ= 87 NODE 44 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 6 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.7365E-17 REMNOR=0.2691E-19 RATIO =0.8655E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.8655E-11 RATIOR= 0.000  
MAX UN=0.1267E-08 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
MIN UN=-.1030E-08 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

GENERAL CONTRACTOR

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:05:41

New Project  
SOLUTION REACHED USING 6 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	7.6722802E-03	-9.7899816E-04
2	7.4764806E-03	-9.7899816E-04
3	7.2806810E-03	-9.7899816E-04
4	7.0848813E-03	-9.7899816E-04
5	6.8890817E-03	-9.7899816E-04
6	6.6932821E-03	-9.7899816E-04
7	6.4974825E-03	-9.7899686E-04
8	6.3016841E-03	-9.7898359E-04
9	6.1058917E-03	-9.7893148E-04
10	5.9101153E-03	-9.7882306E-04
11	5.7143662E-03	-9.7865833E-04
12	5.5186557E-03	-9.7843730E-04
13	5.3229950E-03	-9.7815995E-04
14	5.1273955E-03	-9.7782575E-04
15	4.9318690E-03	-9.7742806E-04
16	4.7364297E-03	-9.7694908E-04
17	4.5410957E-03	-9.7635985E-04
18	4.3458948E-03	-9.7562019E-04
19	4.1508611E-03	-9.7467876E-04
20	3.9560409E-03	-9.7347298E-04
21	3.7614954E-03	-9.7192907E-04
22	3.5672985E-03	-9.6996199E-04
23	3.3735452E-03	-9.6747552E-04
24	3.1803501E-03	-9.6436218E-04
25	2.9878501E-03	-9.6050329E-04
26	2.7962071E-03	-9.5576893E-04
27	2.6056074E-03	-9.5007524E-04
28	2.4162445E-03	-9.4338417E-04
29	2.2283235E-03	-9.3564631E-04
30	2.0420598E-03	-9.2680066E-04
31	1.8576843E-03	-9.1673855E-04
32	1.6754609E-03	-9.0524183E-04
33	1.4957077E-03	-8.9195766E-04
34	1.3188294E-03	-8.7640000E-04
35	1.1453405E-03	-8.5795089E-04
36	9.7589172E-04	-8.3586212E-04
37	8.1129749E-04	-8.0925734E-04
38	6.5255753E-04	-7.7713377E-04
39	5.0088694E-04	-7.3836583E-04
40	3.5768160E-04	-6.9254181E-04
41	2.2430816E-04	-6.4014866E-04
42	1.0201095E-04	-5.8192334E-04
43	-8.1383180E-06	-5.1885515E-04
44	-1.0529154E-04	-4.5219342E-04
45	-1.8887741E-04	-3.8346373E-04
46	-2.5865032E-04	-3.1433985E-04
47	-3.1468696E-04	-2.4632000E-04
48	-3.5732976E-04	-1.8057170E-04
49	-3.8712717E-04	-1.1799643E-04
50	-4.0478534E-04	-5.9277400E-05
51	-4.1112848E-04	-4.9150731E-06
52	-4.0706481E-04	4.4743385E-05
53	-3.9355809E-04	8.9507738E-05
54	-3.7159108E-04	1.2934066E-04
55	-3.4214743E-04	1.6428959E-04
56	-3.0619229E-04	1.9448289E-04
57	-2.6465823E-04	2.2011682E-04
58	-2.1843240E-04	2.4144812E-04
59	-1.6834516E-04	2.5878672E-04
60	-1.1516017E-04	2.7248843E-04
61	-5.9565884E-05	2.8294870E-04
62	-2.1678312E-06	2.9060188E-04
63	5.6519339E-05	2.9592211E-04
64	1.1607881E-04	2.9940933E-04
65	1.7619234E-04	3.0153558E-04
66	2.3662918E-04	3.0270384E-04
67	2.9723225E-04	3.0324766E-04
68	3.5790421E-04	3.0343094E-04
69	4.1859353E-04	3.0344785E-04
70	4.7928055E-04	3.0342276E-04
71	5.3996655E-04	3.0341089E-04



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33 D 8.739 -1.4957E-03 132.3 43.70 132.3 104.1 UL-RL 4.0400E+04 -6.400 0.000 1.000 1.000					
43.70 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 136.9 54.07 136.9					
34 D 10.81 -1.3188E-03 136.9 54.07 136.9 107.3 UL-RL 4.0400E+04 -6.600 0.000 1.000 1.000					
54.07 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 141.4 64.30 141.4					
35 D 12.86 -1.1453E-03 141.4 64.30 141.4 110.6 UL-RL 4.0400E+04 -6.800 0.000 1.000 1.000					
64.30 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 146.0 74.37 146.0					
36 D 14.87 -9.7589E-04 146.0 74.37 146.0 113.8 UL-RL 4.0400E+04 -7.000 0.000 1.000 1.000					
74.37 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 150.2 84.23 150.2					
37 D 16.85 -8.1130E-04 150.2 84.23 150.2 117.0 UL-RL 4.0400E+04 -7.200 0.000 1.000 1.000					
84.23 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 154.8 93.86 154.8					
38 D 18.77 -6.5256E-04 154.8 93.86 154.8 120.2 UL-RL 4.0400E+04 -7.400 0.000 1.000 1.000					
93.86 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 159.3 103.2 159.3					
39 D 20.64 -5.0089E-04 159.3 103.2 159.3 123.4 UL-RL 4.0400E+04 -7.600 0.000 1.000 1.000					
103.2 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 163.8 112.2 163.8					
40 D 22.44 -3.5768E-04 163.8 112.2 163.8 126.6 UL-RL 4.0400E+04 -7.800 0.000 1.000 1.000					
112.2 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 168.0 120.8 168.0					
41 D 24.16 -2.2431E-04 168.0 120.8 168.0 129.8 UL-RL 4.0400E+04 -8.000 0.000 1.000 1.000					
120.8 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 172.6 128.9 172.6					
42 D 25.79 -1.0201E-04 172.6 128.9 172.6 133.1 UL-RL 4.0400E+04 -8.200 0.000 1.000 1.000					
128.9 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 177.1 135.7 177.1					
43 D 27.14 8.1383E-06 177.1 135.7 177.1 136.9 UL-RL 4.0400E+04 -8.400 0.000 1.000 1.000					
135.7 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 181.6 140.7 181.6					
44 D 28.13 1.0529E-04 181.6 140.7 181.6 141.5 UL-RL 4.0400E+04 -8.600 0.000 1.000 1.000					
140.7 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 185.8 145.3 185.8					
45 D 29.07 1.8888E-04 185.8 145.3 185.8 145.9 UL-RL 4.0400E+04 -8.800 0.000 1.000 1.000					
145.3 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 190.2 149.8 190.2					
46 D 29.96 2.5865E-04 190.2 149.8 190.2 150.2 UL-RL 4.0400E+04 -9.000 0.000 1.000 1.000					
149.8 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 194.7 154.0 194.7					
47 D 30.80 3.1469E-04 194.7 154.0 194.7 154.2 UL-RL 4.0400E+04 -9.200 0.000 1.000 1.000					
154.0 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 199.2 158.0 199.2					
48 D 31.59 3.5733E-04 199.2 158.0 199.2 158.1 UL-RL 4.0400E+04 -9.400 0.000 1.000 1.000					
158.0 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 203.7 161.7 203.7					
49 D 32.34 3.8713E-04 203.7 161.7 203.7 161.7 V-C 1.6117E+04 -9.600 0.000 1.000 1.000					
161.7 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 207.9 165.2 207.9					
50 D 33.04 4.0479E-04 207.9 165.2 207.9 165.2 V-C 1.6117E+04 -9.800 0.000 1.000 1.000					
165.2 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 212.3 168.5 212.3					
51 D 33.70 4.1113E-04 212.3 168.5 212.3 168.5 V-C 1.6117E+04 -10.00 0.000 1.000 1.000					
168.5 0.000 0.000 Sabbialimosoghiaios2_235_220_L_ 216.8 173.6 216.8					
52 D 34.72 4.0706E-04 216.8 173.6 216.8 173.6 V-C 2.1028E+04 -10.20 0.000 1.000 1.000					
173.6 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 221.2 176.5 221.2					
53 D 35.31 3.9356E-04 221.2 176.5 221.2 176.5 V-C 2.1028E+04 -10.40 0.000 1.000 1.000					
176.5 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 225.4 179.3 225.4					
54 D 35.85 3.7159E-04 225.4 179.3 225.4 179.3 V-C 2.1028E+04 -10.60 0.000 1.000 1.000					
179.3 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 229.8 181.8 229.8					
55 D 36.37 3.4215E-04 229.8 181.8 229.8 181.8 V-C 2.1028E+04 -10.80 0.000 1.000 1.000					
181.8 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 233.7 183.8 233.7					
56 D 36.90 3.0619E-04 233.7 183.8 233.7 183.8 V-C 2.1028E+04 -11.00 0.6808 1.000 1.000					
184.5 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 236.9 185.2 236.9					
57 D 37.45 2.6466E-04 236.9 185.2 236.9 185.2 V-C 2.1028E+04 -11.20 2.042 1.000 1.000					
187.3 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 240.1 186.5 240.1					
58 D 37.99 2.1843E-04 240.1 186.5 240.1 186.5 V-C 2.1028E+04 -11.40 3.404 1.000 1.000					
189.9 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 243.1 187.8 243.1					
59 D 38.51 1.6835E-04 243.1 187.8 243.1 187.8 V-C 2.1028E+04 -11.60 4.766 1.000 1.000					
192.5 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 246.3 188.9 246.3					
60 D 39.01 1.1516E-04 246.3 188.9 246.3 188.9 V-C 2.1028E+04 -11.80 6.128 1.000 1.000					
195.1 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 249.5 190.1 249.5					
61 D 39.51 5.9566E-05 249.5 190.1 249.5 190.1 V-C 2.1028E+04 -12.00 7.489 1.000 1.000					
197.5 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 252.8 191.1 252.8					
62 D 40.00 2.1678E-06 252.8 191.1 252.8 191.1 V-C 2.1028E+04 -12.20 8.851 1.000 1.000					
200.0 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 255.8 190.4 255.8					
63 D 40.12 -5.6519E-05 255.8 190.4 255.8 193.4 UL-RL 5.2570E+04 -12.40 10.21 1.000 1.000					
200.6 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 259.0 189.5 259.0					
64 D 40.22 -1.1608E-04 259.0 189.5 259.0 195.7 UL-RL 5.2570E+04 -12.60 11.57 1.000 1.000					
201.1 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 262.2 188.7 262.2					
65 D 40.32 -1.7619E-04 262.2 188.7 262.2 197.9 UL-RL 5.2570E+04 -12.80 12.94 1.000 1.000					
201.6 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 265.4 187.8 265.4					
66 D 40.42 -2.3663E-04 265.4 187.8 265.4 200.2 UL-RL 5.2570E+04 -13.00 14.30 1.000 1.000					
202.1 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 268.5 186.9 268.5					
67 D 40.51 -2.9723E-04 268.5 186.9 268.5 202.5 UL-RL 5.2570E+04 -13.20 15.66 1.000 1.000					
202.5 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 271.5 186.0 271.5					
68 D 40.60 -3.5790E-04 271.5 186.0 271.5 204.8 UL-RL 5.2570E+04 -13.40 17.02 1.000 1.000					
203.0 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 274.7 185.1 274.7					
69 D 40.69 -4.1859E-04 274.7 185.1 274.7 207.1 UL-RL 5.2570E+04 -13.60 18.38 1.000 1.000					
203.5 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 277.9 184.2 277.9					
70 D 40.78 -4.7928E-04 277.9 184.2 277.9 209.4 UL-RL 5.2570E+04 -13.80 19.74 1.000 1.000					
203.9 0.000 0.000 sabbialimosoghiaios3_236_221_L_ 281.1 183.3 281.1					
71 D 20.44 -5.3997E-04 281.1 183.3 281.1 211.6 UL-RL 5.2570E+04 -14.00 21.11 1.000 1.000					
204.4 0.000 0.000 sabbialimosoghiaios3_236_221_L_					



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:05:41

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 2.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				





GENERAL CONTRACTOR



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:05:41

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-1.59105E-10	1.59105E-10	-1.61222E-11	-8.86331E-11
2	6.04246E-11	-6.04246E-11	7.90017E-11	5.65947E-11
3	-2.57671E-10	2.57671E-10	-7.63904E-11	3.65208E-12
4	6.02881E-10	-6.02881E-10	3.30403E-11	1.89317E-10
5	-9.17457E-11	9.17457E-11	-1.36282E-10	1.59900E-10
6	4.11440E-02	-4.11440E-02	-2.25462E-10	8.22879E-03
7	0.33778	-0.33778	-8.22879E-03	7.57857E-02
8	0.89084	-0.89084	-7.57857E-02	0.25395
9	0.89084	-0.89084	-0.25395	0.43212
10	0.89084	-0.89084	-0.43212	0.61029
11	0.89084	-0.89084	-0.61029	0.78846
12	0.89084	-0.89084	-0.78846	0.96663
13	0.90782	-0.90782	-0.96663	1.1482
14	1.1011	-1.1011	-1.1482	1.3684
15	1.4709	-1.4709	-1.3684	1.6626
16	2.0177	-2.0177	-1.6626	2.0661
17	2.7416	-2.7416	-2.0661	2.6144
18	3.6427	-3.6427	-2.6144	3.3430
19	4.7214	-4.7214	-3.3430	4.2873
20	5.9775	-5.9775	-4.2873	5.4828
21	7.4113	-7.4113	-5.4828	6.9650
22	9.0226	-9.0226	-6.9650	8.7696
23	10.812	-10.812	-8.7696	10.932
24	12.778	-12.778	-10.932	13.487
25	14.922	-14.922	-13.487	16.472
26	15.432	-15.432	-16.472	19.558
27	16.124	-16.124	-19.558	22.783
28	16.997	-16.997	-22.783	26.183
29	18.053	-18.053	-26.183	29.793
30	20.436	-20.436	-29.793	33.881
31	24.957	-24.957	-33.881	38.872
32	31.597	-31.597	-38.872	45.191
33	40.336	-40.336	-45.191	53.259
34	51.150	-51.150	-53.259	63.489
35	64.010	-64.010	-63.489	76.291
36	78.883	-78.883	-76.291	92.067
37	95.729	-95.729	-92.067	111.21
38	114.50	-114.50	-111.21	134.11
39	108.76	-108.76	-134.11	155.86
40	99.094	-99.094	-155.86	175.68
41	85.438	-85.438	-175.68	192.77
42	67.792	-67.792	-192.77	206.33
43	45.909	-45.909	-206.33	215.51
44	19.533	-19.533	-215.51	219.42
45	-7.0714	7.0714	-219.42	218.00
46	-27.860	27.860	-218.00	212.43
47	-44.013	44.013	-212.43	203.63
48	-56.383	56.383	-203.63	192.35
49	-65.620	65.620	-192.35	179.23
50	-72.237	72.237	-179.23	164.78
51	-76.633	76.633	-164.78	149.45
52	-78.111	78.111	-149.45	133.83
53	-77.996	77.996	-133.83	118.23
54	-76.535	76.535	-118.23	102.93
55	-73.935	73.935	-102.93	88.139
56	-70.325	70.325	-88.139	74.074
57	-65.811	65.811	-74.074	60.912
58	-60.519	60.519	-60.912	48.808
59	-54.554	54.554	-48.808	37.897
60	-48.006	48.006	-37.897	28.296
61	-40.811	40.811	-28.296	20.134
62	-33.005	33.005	-20.134	13.533
63	-24.993	24.993	-13.533	8.5344
64	-18.069	18.069	-8.5344	4.9206
65	-12.242	12.242	-4.9206	2.4722
66	-7.5155	7.5155	-2.4722	0.96912
67	-3.8919	3.8919	-0.96912	0.19073
68	-1.3723	1.3723	-0.19073	-8.37238E-02

## GENERAL CONTRACTOR



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69 4.32153E-02-4.32153E-02 8.37238E-02-7.50808E-02  
70 0.37539 -0.37539 7.50808E-02 2.01972E-12

ITER 0 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3762E+06 RIMNOR=0.1213E+07  
RENORM= 51.93 REMNOR=0.2691E-19 RATIO =0.1175E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3762E+06 RDR =0.1213E+07  
RATIOT=0.1175E-01 RATIOR= 0.000  
MAX UN= 1.501 IEQ= 87 NODE 44 DOF 1 Y-DISPL.F  
MIN UN=-.7126E-10 IEQ= 24 NODE 12 DOF 2 X-ROT.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3762E+06 RIMNOR=0.1213E+07  
RENORM= 69.05 REMNOR=0.1890E-18 RATIO =0.1355E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3762E+06 RDR =0.1213E+07  
RATIOT=0.1355E-01 RATIOR= 0.000  
MAX UN= 6.952 IEQ= 59 NODE 30 DOF 1 Y-DISPL.F  
MIN UN=-.2840 IEQ= 111 NODE 56 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3762E+06 RIMNOR=0.1213E+07  
RENORM=0.7484 REMNOR=0.5450E-19 RATIO =0.1411E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3762E+06 RDR =0.1213E+07  
RATIOT=0.1411E-02 RATIOR= 0.000  
MAX UN=0.8514 IEQ= 65 NODE 33 DOF 1 Y-DISPL.F  
MIN UN=-.6189E-01 IEQ= 97 NODE 49 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3762E+06 RIMNOR=0.1213E+07  
RENORM=0.3182E-04 REMNOR=0.1022E-18 RATIO =0.9197E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3762E+06 RDR =0.1213E+07  
RATIOT=0.9197E-05 RATIOR= 0.000  
MAX UN=0.2102E-08 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
MIN UN=-.4089E-02 IEQ= 101 NODE 51 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:05:41

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	1.3594330E-02	-1.8315142E-03
2	1.3228028E-02	-1.8314995E-03
3	1.2861734E-02	-1.8314261E-03
4	1.2495466E-02	-1.8312353E-03
5	1.2129252E-02	-1.8308683E-03
6	1.1763134E-02	-1.8302665E-03
7	1.1397165E-02	-1.8293698E-03
8	1.1031410E-02	-1.8281088E-03
9	1.0665952E-02	-1.8263979E-03
10	1.0300886E-02	-1.8241611E-03
11	9.9363261E-03	-1.8213394E-03
12	9.5723935E-03	-1.8178743E-03
13	9.2092232E-03	-1.8137070E-03
14	8.8469614E-03	-1.8087783E-03
15	8.4857670E-03	-1.8030228E-03
16	8.1258126E-03	-1.7963639E-03
17	7.7672857E-03	-1.7887140E-03
18	7.4103978E-03	-1.7799743E-03
19	7.0553760E-03	-1.7700346E-03
20	6.7024720E-03	-1.7587737E-03
21	6.3519651E-03	-1.7460591E-03
22	6.0041567E-03	-1.7317469E-03
23	5.6593832E-03	-1.7156824E-03
24	5.3180116E-03	-1.6976992E-03
25	4.9804433E-03	-1.6776199E-03
26	4.6471160E-03	-1.6552561E-03
27	4.3185043E-03	-1.6304651E-03
28	3.9950999E-03	-1.6031500E-03
29	3.6774198E-03	-1.5732027E-03
30	3.3660022E-03	-1.5405037E-03
31	3.0614105E-03	-1.5049212E-03
32	2.7642370E-03	-1.4663121E-03
33	2.4750993E-03	-1.4245207E-03
34	2.1946519E-03	-1.3793808E-03
35	1.9235858E-03	-1.3306587E-03
36	1.6626529E-03	-1.2779698E-03
37	1.4127010E-03	-1.2207533E-03
38	1.1747035E-03	-1.1582764E-03
39	9.4979995E-04	-1.0896566E-03
40	7.3926381E-04	-1.0146931E-03
41	5.4430250E-04	-9.3403266E-04
42	3.6597402E-04	-8.4852317E-04
43	2.0514599E-04	-7.5922222E-04
44	6.2452446E-05	-6.6741151E-04
45	-6.1752615E-05	-5.7461993E-04
46	-1.6744406E-04	-4.8256596E-04
47	-2.5493374E-04	-3.9283311E-04
48	-3.2481381E-04	-3.0664777E-04
49	-3.7789185E-04	-2.2494742E-04
50	-4.1513829E-04	-1.4843240E-04
51	-4.3764385E-04	-7.7606054E-05
52	-4.4658274E-04	-1.2807648E-05
53	-4.4318085E-04	4.5789920E-05
54	-4.2868073E-04	9.8179268E-05
55	-4.0431766E-04	1.4444081E-04
56	-3.7130186E-04	1.8474060E-04
57	-3.3080287E-04	2.1931869E-04
58	-2.8393513E-04	2.4848550E-04
59	-2.3174466E-04	2.7261249E-04
60	-1.7519805E-04	2.9212083E-04
61	-1.1517337E-04	3.0747350E-04
62	-5.2452167E-05	3.1917336E-04
63	1.2288629E-05	3.2776305E-04
64	7.8484139E-05	3.3381904E-04
65	1.4568448E-04	3.3789860E-04
66	2.1354447E-04	3.4049156E-04
67	2.8181005E-04	3.4201868E-04
68	3.5030416E-04	3.4282891E-04
69	4.1891224E-04	3.4319840E-04
70	4.8756771E-04	3.4333075E-04
71	5.5624100E-04	3.4335860E-04

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                PARATIEPLUS(TM)  NLS ENGINE RELEASE 2018.0  FULL VERSION  *Build date:Nov 13, 2017*
                NewProject.BaseDesignSection_28.Nominal_63
                Exe Time :13 June 2018      14:05:41
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New Project

STRESS RESULTS FOR GROUP NO. 1

0\_L  
 ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
 CURRENT TIME IS 3.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1 D	0.000	-1.3594E-02	0.000	0.000	0.000	0.000	ACTIVE	0.000	0.000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
2 D	0.000	-1.3228E-02	3.360	0.000	3.360	2.208	ACTIVE	0.000	-0.2000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
3 D	0.000	-1.2862E-02	6.724	0.000	6.724	4.410	ACTIVE	0.000	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
4 D	0.000	-1.2495E-02	10.09	0.000	10.09	6.601	ACTIVE	0.000	-0.6000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
5 D	0.000	-1.2129E-02	13.47	0.000	13.47	8.776	ACTIVE	0.000	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
6 D	4.1144E-02	-1.1763E-02	16.86	0.2057	16.86	10.93	ACTIVE	0.000	-1.000	0.000	1.000	1.000
0.2057	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
7 D	0.2966	-1.1397E-02	20.25	1.483	20.25	13.06	ACTIVE	0.000	-1.200	0.000	1.000	1.000
1.483	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
8 D	0.5531	-1.1031E-02	23.66	2.765	23.66	15.17	ACTIVE	0.000	-1.400	0.000	1.000	1.000
2.765	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
9 D	0.000	-1.0666E-02	27.50	0.000	27.50	24.54	ACTIVE	0.000	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
10 D	0.000	-1.0301E-02	31.75	0.000	31.75	28.08	ACTIVE	0.000	-1.800	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
11 D	0.000	-9.9363E-03	36.02	0.000	36.02	31.60	ACTIVE	0.000	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
12 D	0.000	-9.5724E-03	40.30	0.000	40.30	35.08	ACTIVE	0.000	-2.200	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
13 D	1.6983E-02	-9.2092E-03	44.59	8.4916E-02	44.59	38.53	ACTIVE	0.000	-2.400	0.000	1.000	1.000
8.4916E-02	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
14 D	0.1933	-8.8470E-03	48.89	0.9663	48.89	41.95	ACTIVE	0.000	-2.600	0.000	1.000	1.000
0.9663	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
15 D	0.3699	-8.4858E-03	53.19	1.849	53.19	45.35	ACTIVE	0.000	-2.800	0.000	1.000	1.000
1.849	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
16 D	0.5468	-8.1258E-03	57.51	2.734	57.51	48.72	ACTIVE	0.000	-3.000	0.000	1.000	1.000
2.734	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
17 D	0.7239	-7.7673E-03	61.83	3.619	61.83	52.07	ACTIVE	0.000	-3.200	0.000	1.000	1.000
3.619	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
18 D	0.9012	-7.4104E-03	66.15	4.506	66.15	55.39	ACTIVE	0.000	-3.400	0.000	1.000	1.000
4.506	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
19 D	1.079	-7.0554E-03	70.48	5.393	70.48	58.70	ACTIVE	0.000	-3.600	0.000	1.000	1.000
5.393	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
20 D	1.256	-6.7025E-03	74.81	6.281	74.81	61.98	ACTIVE	0.000	-3.800	0.000	1.000	1.000
6.281	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
21 D	1.434	-6.3520E-03	79.14	7.169	79.14	65.25	ACTIVE	0.000	-4.000	0.000	1.000	1.000
7.169	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
22 D	1.611	-6.0042E-03	83.47	8.057	83.47	68.50	ACTIVE	0.000	-4.200	0.000	1.000	1.000
8.057	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
23 D	1.789	-5.6594E-03	87.81	8.945	87.81	71.74	ACTIVE	0.000	-4.400	0.000	1.000	1.000
8.945	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
24 D	1.966	-5.3180E-03	92.14	9.832	92.14	74.96	ACTIVE	0.000	-4.600	0.000	1.000	1.000
9.832	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
25 D	2.144	-4.9804E-03	96.46	10.72	96.46	78.18	ACTIVE	0.000	-4.800	0.000	1.000	1.000
10.72	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
26 D	0.5103	-4.6471E-03	100.8	2.552	100.8	81.38	ACTIVE	0.000	-5.000	0.000	1.000	1.000
2.552	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
27 D	0.6917	-4.3185E-03	105.2	3.459	105.2	84.65	ACTIVE	0.000	-5.200	0.000	1.000	1.000
3.459	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
28 D	0.8730	-3.9951E-03	109.6	4.365	109.6	87.91	ACTIVE	0.000	-5.400	0.000	1.000	1.000
4.365	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
29 D	1.056	-3.6774E-03	114.1	5.281	114.1	91.17	ACTIVE	0.000	-5.600	0.000	1.000	1.000
5.281	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
30 D	1.248	-3.3660E-03	118.8	6.238	118.8	94.41	ACTIVE	0.000	-5.800	0.000	1.000	1.000
6.238	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
31 D	1.438	-3.0614E-03	123.4	7.189	123.4	97.66	ACTIVE	0.000	-6.000	0.000	1.000	1.000
7.189	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
32 D	1.611	-2.7642E-03	127.6	8.054	127.6	100.9	ACTIVE	0.000	-6.200	0.000	1.000	1.000
8.054	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						

## GENERAL CONTRACTOR



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33 D	1.800	-2.4751E-03	132.3	9.001	132.3	104.1	ACTIVE	0.000	-6.400	0.000	1.000	1.000
9.001	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	3.737	-2.1947E-03	136.9	18.68	136.9	107.3	UL-RL	4.0400E+04	-6.600	0.000	1.000	1.000
18.68	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	6.572	-1.9236E-03	141.4	32.86	141.4	110.6	UL-RL	4.0400E+04	-6.800	0.000	1.000	1.000
32.86	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	9.324	-1.6627E-03	146.0	46.62	146.0	113.8	UL-RL	4.0400E+04	-7.000	0.000	1.000	1.000
46.62	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	11.99	-1.4127E-03	150.2	59.93	150.2	117.0	UL-RL	4.0400E+04	-7.200	0.000	1.000	1.000
59.93	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	14.55	-1.1747E-03	154.8	72.76	154.8	120.2	UL-RL	4.0400E+04	-7.400	0.000	1.000	1.000
72.76	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	17.01	-9.4980E-04	159.3	85.06	159.3	123.4	UL-RL	4.0400E+04	-7.600	0.000	1.000	1.000
85.06	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	19.36	-7.3926E-04	163.8	96.78	163.8	126.6	UL-RL	4.0400E+04	-7.800	0.000	1.000	1.000
96.78	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	21.57	-5.4430E-04	168.0	107.9	168.0	129.8	UL-RL	4.0400E+04	-8.000	0.000	1.000	1.000
107.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
42 D	23.65	-3.6597E-04	172.6	118.3	172.6	133.1	UL-RL	4.0400E+04	-8.200	0.000	1.000	1.000
118.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
43 D	25.41	-2.0515E-04	177.1	127.1	177.1	136.9	UL-RL	4.0400E+04	-8.400	0.000	1.000	1.000
127.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
44 D	26.78	-6.2452E-05	181.6	133.9	181.6	141.5	UL-RL	4.0400E+04	-8.600	0.000	1.000	1.000
133.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
45 D	28.04	6.1753E-05	185.8	140.2	185.8	145.9	UL-RL	4.0400E+04	-8.800	0.000	1.000	1.000
140.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
46 D	29.22	1.6744E-04	190.2	146.1	190.2	150.2	UL-RL	4.0400E+04	-9.000	0.000	1.000	1.000
146.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
47 D	30.32	2.5493E-04	194.7	151.6	194.7	154.2	UL-RL	4.0400E+04	-9.200	0.000	1.000	1.000
151.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
48 D	31.33	3.2481E-04	199.2	156.7	199.2	158.1	UL-RL	4.0400E+04	-9.400	0.000	1.000	1.000
156.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
49 D	32.24	3.7789E-04	203.7	161.2	203.7	161.8	UL-RL	4.0400E+04	-9.600	0.000	1.000	1.000
161.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
50 D	33.04	4.1514E-04	207.9	165.2	207.9	165.5	UL-RL	4.0400E+04	-9.800	0.000	1.000	1.000
165.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
51 D	33.78	4.3764E-04	212.3	168.9	212.3	168.9	UL-RL	4.0400E+04	-10.00	0.000	1.000	1.000
168.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
52 D	34.89	4.4658E-04	216.8	174.4	216.8	174.5	UL-RL	5.2570E+04	-10.20	0.000	1.000	1.000
174.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
53 D	35.51	4.4318E-04	221.2	177.6	221.2	177.6	UL-RL	5.2570E+04	-10.40	0.000	1.000	1.000
177.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
54 D	36.09	4.2868E-04	225.4	180.5	225.4	180.5	UL-RL	5.2570E+04	-10.60	0.000	1.000	1.000
180.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
55 D	36.63	4.0432E-04	229.8	183.1	229.8	183.1	V-C	2.1028E+04	-10.80	0.000	1.000	1.000
183.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
56 D	37.17	3.7130E-04	233.7	185.2	233.7	185.2	V-C	2.1028E+04	-11.00	0.6808	1.000	1.000
185.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
57 D	37.73	3.3080E-04	236.9	186.6	236.9	186.6	V-C	2.1028E+04	-11.20	2.042	1.000	1.000
188.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
58 D	38.26	2.8394E-04	240.1	187.9	240.1	187.9	V-C	2.1028E+04	-11.40	3.404	1.000	1.000
191.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
59 D	38.77	2.3174E-04	243.1	189.1	243.1	189.1	V-C	2.1028E+04	-11.60	4.766	1.000	1.000
193.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
60 D	39.27	1.7520E-04	246.3	190.2	246.3	190.2	V-C	2.1028E+04	-11.80	6.128	1.000	1.000
196.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
61 D	39.74	1.1517E-04	249.5	191.2	249.5	191.2	V-C	2.1028E+04	-12.00	7.489	1.000	1.000
198.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
62 D	40.21	5.2452E-05	252.8	192.2	252.8	192.2	V-C	2.1028E+04	-12.20	8.851	1.000	1.000
201.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
63 D	40.59	-1.2289E-05	255.8	192.7	255.8	193.4	UL-RL	5.2570E+04	-12.40	10.21	1.000	1.000
202.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
64 D	40.62	-7.8484E-05	259.0	191.5	259.0	195.7	UL-RL	5.2570E+04	-12.60	11.57	1.000	1.000
203.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
65 D	40.64	-1.4568E-04	262.2	190.3	262.2	197.9	UL-RL	5.2570E+04	-12.80	12.94	1.000	1.000
203.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
66 D	40.66	-2.1354E-04	265.4	189.0	265.4	200.2	UL-RL	5.2570E+04	-13.00	14.30	1.000	1.000
203.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
67 D	40.67	-2.8181E-04	268.5	187.7	268.5	202.5	UL-RL	5.2570E+04	-13.20	15.66	1.000	1.000
203.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
68 D	40.68	-3.5030E-04	271.5	186.4	271.5	204.8	UL-RL	5.2570E+04	-13.40	17.02	1.000	1.000
203.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
69 D	40.69	-4.1891E-04	274.7	185.1	274.7	207.1	UL-RL	5.2570E+04	-13.60	18.38	1.000	1.000
203.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
70 D	40.69	-4.8757E-04	277.9	183.7	277.9	209.4	UL-RL	5.2570E+04	-13.80	19.74	1.000	1.000
203.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									
71 D	20.35	-5.5624E-04	281.1	182.4	281.1	211.6	UL-RL	5.2570E+04	-14.00	21.11	1.000	1.000
203.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_									



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:05:41

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 3.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				





GENERAL CONTRACTOR



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:05:41

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.46445	-0.46445	-1.01444E-10	9.28900E-02
2	1.3934	-1.3934	-9.28900E-02	0.37156
3	2.3222	-2.3222	-0.37156	0.83601
4	3.2512	-3.2512	-0.83601	1.4862
5	4.1800	-4.1800	-1.4862	2.3223
6	5.1501	-5.1501	-2.3223	3.3523
7	6.3756	-6.3756	-3.3523	4.6274
8	7.8576	-7.8576	-4.6274	6.1989
9	8.7865	-8.7865	-6.1989	7.9562
10	9.7154	-9.7154	-7.9562	9.8993
11	10.644	-10.644	-9.8993	12.028
12	11.573	-11.573	-12.028	14.343
13	12.519	-12.519	-14.343	16.847
14	13.641	-13.641	-16.847	19.575
15	14.940	-14.940	-19.575	22.563
16	16.416	-16.416	-22.563	25.846
17	18.068	-18.068	-25.846	29.460
18	19.899	-19.899	-29.460	33.439
19	21.906	-21.906	-33.439	37.821
20	24.091	-24.091	-37.821	42.639
21	26.454	-26.454	-42.639	47.930
22	28.994	-28.994	-47.930	53.728
23	31.712	-31.712	-53.728	60.071
24	34.607	-34.607	-60.071	66.992
25	37.680	-37.680	-66.992	74.528
26	39.119	-39.119	-74.528	82.352
27	40.740	-40.740	-82.352	90.500
28	42.542	-42.542	-90.500	99.008
29	44.527	-44.527	-99.008	107.91
30	46.703	-46.703	-107.91	117.25
31	49.070	-49.070	-117.25	127.07
32	51.610	-51.610	-127.07	137.39
33	54.339	-54.339	-137.39	148.26
34	59.005	-59.005	-148.26	160.06
35	66.505	-66.505	-160.06	173.36
36	76.758	-76.758	-173.36	188.71
37	89.674	-89.674	-188.71	206.65
38	104.69	-104.69	-206.65	227.58
39	96.023	-96.023	-227.58	246.79
40	84.232	-84.232	-246.79	263.64
41	69.193	-69.193	-263.64	277.47
42	50.770	-50.770	-277.47	287.63
43	28.640	-28.640	-287.63	293.36
44	2.4098	-2.4098	-293.36	293.84
45	-25.763	25.763	-293.84	288.69
46	-47.677	47.677	-288.69	279.15
47	-64.567	64.567	-279.15	266.24
48	-77.339	77.339	-266.24	250.77
49	-86.715	86.715	-250.77	233.43
50	-93.289	93.289	-233.43	214.77
51	-97.486	97.486	-214.77	195.27
52	-98.569	98.569	-195.27	175.56
53	-97.959	97.959	-175.56	155.97
54	-95.927	95.927	-155.97	136.78
55	-92.705	92.705	-136.78	118.24
56	-88.332	88.332	-118.24	100.57
57	-82.883	82.883	-100.57	83.997
58	-76.579	76.579	-83.997	68.681
59	-69.557	69.557	-68.681	54.769
60	-61.929	61.929	-54.769	42.383
61	-53.647	53.647	-42.383	31.654
62	-44.760	44.760	-31.654	22.702
63	-35.407	35.407	-22.702	15.621
64	-27.128	27.128	-15.621	10.195
65	-19.908	19.908	-10.195	6.2134
66	-13.815	13.815	-6.2134	3.4504
67	-8.8676	8.8676	-3.4504	1.6768
68	-5.0777	5.0777	-1.6768	0.66130

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69	-2.4253	2.4253	-0.66130	0.17624
70	-0.88116	0.88116	-0.17624	-2.57572E-12

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NewProject.BaseDesignSection\_28.Nominal\_63  
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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	6
3	CONVERGENCE :YES	4

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.04 [sec]

DATABASE CREATION CPU TIME..... 0.09 [sec]

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Cepav due



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## Design Assumption : SLE (Rara/Frequente/Quasi Permanente) - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time :13 June 2018 14:05:41

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

STARTING

```

ACCEPTED &lt;FILE,GENW &gt;
ACCEPTED &lt;FILE,PLOTTER,BINARY &gt;
ACCEPTED &lt;SOLVE TOTAL_STRESS &gt;
ACCEPTED &lt;PARAM ITEMAX 40 &gt;
ACCEPTED &lt;CONTROL HINGES 0 0.0001 0.001 &gt;

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.03 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	71
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	142
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	99
NO. OF LONG NAMES (LASTNAME) .....	16
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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```

PREPROCESSOR DATA  
 NO. OF COMMANDS 99

- 1 : UNIT m kN
- 2 : TITLE New Project
- 3 : DELTA 0.2
- 4 : option param itemax 40
- 5 : option control hinges 0 0.0001 0.001
- 6 : WALL LeftWall\_32 0 -14 0 1
- 7 : SOIL 0\_L LeftWall\_32 -14 0 1 0
- 8 : SOIL 0\_R LeftWall\_32 -14 0 2 180
- 9 : LDATA Riporto\_2\_8\_L\_0 4 LeftWall\_32
- 10 : ATREST 0.5 1 1
- 11 : WEIGHT 16.8 8.3 10
- 12 : PERMEABILITY 0.0001
- 13 : RESISTANCE 5 23 0 0 0
- 14 : YOUNG 2E+04 3.2E+04
- 15 : ENDL
- 16 : LDATA sabbialimosoghiaiosal\_234\_219\_L\_0 -1.5 LeftWall\_32
- 17 : ATREST 0.76 2 1
- 18 : WEIGHT 20.9 11.8 10
- 19 : PERMEABILITY 1E-05
- 20 : RESISTANCE 10 37 0 0 0
- 21 : YOUNG 6E+04 1.5E+05
- 22 : ENDL
- 23 : LDATA Sabbialimosoghiaiosal\_235\_220\_L\_0 -5 LeftWall\_32
- 24 : ATREST 0.76 2 1
- 25 : WEIGHT 21.4 12.2 10
- 26 : PERMEABILITY 1E-05
- 27 : RESISTANCE 20 37 0 0 0
- 28 : YOUNG 7.5E+04 1.88E+05
- 29 : ENDL
- 30 : LDATA sabbialimosoghiaiosal\_236\_221\_L\_0 -10 LeftWall\_32
- 31 : ATREST 0.76 2 1
- 32 : WEIGHT 21.4 12.2 10
- 33 : PERMEABILITY 1E-05
- 34 : RESISTANCE 30 36 0 0 0
- 35 : YOUNG 1E+05 2.5E+05
- 36 : ENDL
- 37 : MATERIAL Fe360\_108 2.06E+08
- 38 : MATERIAL C2530\_104 3.148E+07
- 39 : BEAM WallElement\_33 LeftWall\_32 -14 0 C2530\_104 0.6225 00 00 0
- 40 : STRIP LeftWall\_32 1 3 4.15 25.85 0 20 45
- 41 : STEP Stage1\_31
- 42 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32
- 43 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32
- 44 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32
- 45 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32
- 46 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32
- 47 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32
- 48 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32
- 49 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32
- 50 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32
- 51 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32
- 52 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32
- 53 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32
- 54 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32
- 55 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32
- 56 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32
- 57 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32
- 58 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32
- 59 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32
- 60 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-FRICT=36 LeftWall\_32
- 61 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-FRICT=36 LeftWall\_32
- 62 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KA=0.215 LeftWall\_32
- 63 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KP=6.978 LeftWall\_32
- 64 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KA=0.215 LeftWall\_32
- 65 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KP=6.978 LeftWall\_32
- 66 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32
- 67 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32
- 68 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32
- 69 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32
- 70 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=10 LeftWall\_32
- 71 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32
- 72 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=10 LeftWall\_32
- 73 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32
- 74 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=20 LeftWall\_32
- 75 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32
- 76 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=20 LeftWall\_32
- 77 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32

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78 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
79 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
80 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
81 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
82 : SETWALL LeftWall\_32  
83 : GEOM 0 0  
84 : WATER -0.5 0 -14 0 0  
85 : ADD WallElement\_33  
86 : ENDSTEP  
87 : STEP Stage2\_446  
88 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=6.676 LeftWall\_32  
89 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KA=0.214 LeftWall\_32  
90 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KP=3.893 LeftWall\_32  
91 : SETWALL LeftWall\_32  
92 : GEOM 0 -7.4  
93 : WATER -10.9 1.5 -14 0 0  
94 : ENDSTEP  
95 : STEP Stage3\_549  
96 : SETWALL LeftWall\_32  
97 : GEOM 0 -7.4  
98 : WATER -10.9 1.5 -14 0 0  
99 : ENDSTEP

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /				
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.000	/	52	0.0000	-10.200	/
53	0.0000	-10.400	/	54	0.0000	-10.600	/	55	0.0000	-10.800	/	56	0.0000	-11.000	/
57	0.0000	-11.200	/	58	0.0000	-11.400	/	59	0.0000	-11.600	/	60	0.0000	-11.800	/
61	0.0000	-12.000	/	62	0.0000	-12.200	/	63	0.0000	-12.400	/	64	0.0000	-12.600	/
65	0.0000	-12.800	/	66	0.0000	-13.000	/	67	0.0000	-13.200	/	68	0.0000	-13.400	/
69	0.0000	-13.600	/	70	0.0000	-13.800	/	71	0.0000	-14.000	/				



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```

ELEMENT GROUP NO. 1

```

0_L
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage  status
-----

```

```

1  active
2  active
3  active

```

material set no. 1

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 1.00000

```

material set no. 2

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 2.00000

```

material set no. 3

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 3.00000

```

material set no. 4

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 4.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000

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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000

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```

ELEMENT GROUP NO. 2

```

0_R
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage status
-----

```

```

1 active
2 active
3 active

```

material set no. 1

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 1.00000

```

material set no. 2

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 2.00000

```

material set no. 3

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 3.00000

```

material set no. 4

```

prop( 1) angle 180.000
prop( 2) layer as foreseen 4.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000

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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33  
2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0



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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.6760 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21400 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.8930 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

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NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 6.6760	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21400	WALL NO.	1
ITEM NO.	61	D-KP	= 3.8930	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 12 VALUES



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION *Build date:Nov 13, 2017*
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Exe Time :13 June 2018 14:05:41
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PHASE DESCRIPTORS

STEP NO. 1

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	0.000	0.000
Z-WATER_TABLE	-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 1

STEP NO. 2

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-7.400	0.000
Z-WATER_TABLE	-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 2

STEP NO. 3



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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-7.400	0.000
Z-WATER_TABLE	-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.150000000000000  
FOUNDATION WIDTH (B) 25.850000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 20.000000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 3869

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.6185E-27 REMNOR= 0.000 RATIO =0.6841E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.6841E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 119 NODE 60 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.3747E-28 REMNOR=0.1421E-52 RATIO =0.1684E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1684E-16 RATIOR= 0.000  
MAX UN=0.1387E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1539E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.2597E-28 REMNOR=0.6837E-52 RATIO =0.1402E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1402E-16 RATIOR= 0.000  
MAX UN=0.7118E-15 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1275E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-3.65618E-17	3.65618E-17	8.83524E-29	7.31236E-18	
2-1.06776E-16	1.06776E-16	7.31236E-18	2.86676E-17	
3-1.74079E-16	1.74079E-16	2.86676E-17	6.34835E-17	
4-2.38463E-16	2.38463E-16	6.34835E-17	1.11176E-16	
5-2.99910E-16	2.99910E-16	1.11176E-16	1.71158E-16	
6-3.58391E-16	3.58391E-16	1.71158E-16	2.42836E-16	
7-4.13865E-16	4.13865E-16	2.42836E-16	3.25609E-16	
8-4.66269E-16	4.66269E-16	3.25609E-16	4.18863E-16	
9-6.22806E-16	6.22806E-16	4.18863E-16	5.43424E-16	
10-7.69015E-16	7.69015E-16	5.43424E-16	6.97227E-16	
11-9.04489E-16	9.04489E-16	6.97227E-16	8.78125E-16	
12-1.02873E-15	1.02873E-15	8.78125E-16	1.08387E-15	
13-1.14112E-15	1.14112E-15	1.08387E-15	1.31209E-15	
14-1.24095E-15	1.24095E-15	1.31209E-15	1.56028E-15	
15-1.32736E-15	1.32736E-15	1.56028E-15	1.82576E-15	
16-1.39941E-15	1.39941E-15	1.82576E-15	2.10564E-15	
17-1.45602E-15	1.45602E-15	2.10564E-15	2.39685E-15	
18-5.04871E-15	5.04871E-15	2.39685E-15	3.40659E-15	
19-1.51804E-15	1.51804E-15	3.40659E-15	3.71020E-15	
20-1.52078E-15	1.52078E-15	3.71020E-15	4.01435E-15	
21-1.50275E-15	1.50275E-15	4.01435E-15	4.31490E-15	
22-1.46243E-15	1.46243E-15	4.31490E-15	4.60739E-15	
23-2.15448E-15	2.15448E-15	4.60739E-15	4.17649E-15	
24-2.24411E-15	2.24411E-15	4.17649E-15	3.72767E-15	
25-2.36078E-15	2.36078E-15	3.72767E-15	3.25551E-15	
26-2.54237E-15	2.54237E-15	3.25551E-15	2.74704E-15	
27-2.76160E-15	2.76160E-15	2.74704E-15	2.19472E-15	
28-3.02027E-15	3.02027E-15	2.19472E-15	1.59067E-15	
29-2.32657E-16	2.32657E-16	1.59067E-15	1.63720E-15	
30-1.09746E-16	1.09746E-16	1.63720E-15	1.61525E-15	
31-4.96075E-16	4.96075E-16	1.61525E-15	1.51603E-15	
32-9.27405E-16	9.27405E-16	1.51603E-15	1.33055E-15	
33-1.40455E-15	1.40455E-15	1.33055E-15	1.04964E-15	
34-1.92801E-15	1.92801E-15	1.04964E-15	6.64041E-16	
35-2.49799E-15	2.49799E-15	6.64041E-16	1.64442E-16	
36-3.11431E-15	3.11431E-15	1.64442E-16	4.58417E-16	
37-3.77640E-15	3.77640E-15	4.58417E-16	1.21370E-15	
38-9.30568E-16	9.30568E-16	1.21370E-15	1.39981E-15	
39-1.68083E-15	1.68083E-15	1.39981E-15	1.73598E-15	
40-2.47260E-15	2.47260E-15	1.73598E-15	2.23050E-15	
41-3.30352E-15	3.30352E-15	2.23050E-15	2.89120E-15	
42-4.17072E-15	4.17072E-15	2.89120E-15	3.72534E-15	
43-5.07086E-15	5.07086E-15	3.72534E-15	4.73952E-15	
44-6.00005E-15	6.00005E-15	4.73952E-15	5.93952E-15	
45-6.95391E-15	6.95391E-15	5.93952E-15	7.33030E-15	
46-8.22107E-16	8.22107E-16	7.33030E-15	7.49472E-15	
47-1.81011E-15	1.81011E-15	7.49472E-15	7.85674E-15	
48-2.80661E-15	2.80661E-15	7.85674E-15	8.41807E-15	
49-3.80528E-15	3.80528E-15	8.41807E-15	9.17912E-15	
50-4.79937E-15	4.79937E-15	9.17912E-15	1.01390E-14	
51-5.78175E-15	5.78175E-15	1.01390E-14	1.12954E-14	
52-7.05694E-15	7.05694E-15	1.12954E-14	1.27067E-14	
53-1.19106E-15	1.19106E-15	1.27067E-14	1.29449E-14	
54-2.38442E-15	2.38442E-15	1.29449E-14	1.34218E-14	
55-3.52091E-15	3.52091E-15	1.34218E-14	1.41260E-14	
56-4.58985E-15	4.58985E-15	1.41260E-14	1.50439E-14	
57-5.58063E-15	5.58063E-15	1.50439E-14	1.61601E-14	
58-6.48294E-15	6.48294E-15	1.61601E-14	1.74567E-14	
59-1.81388E-16	1.81388E-16	1.74567E-14	1.74929E-14	
60-1.33334E-14	1.33334E-14	1.74929E-14	1.48262E-14	
61-1.27539E-14	1.27539E-14	1.48262E-14	1.22755E-14	
62-5.19348E-15	5.19348E-15	1.22755E-14	1.12368E-14	
63-4.87000E-15	4.87000E-15	1.12368E-14	1.02628E-14	
64-4.68414E-15	4.68414E-15	1.02628E-14	9.32594E-15	
65-4.64093E-15	4.64093E-15	9.32594E-15	8.39775E-15	
66-1.18498E-14	1.18498E-14	8.39775E-15	6.02778E-15	
67-1.21030E-14	1.21030E-14	6.02778E-15	3.60717E-15	
68-1.25081E-14	1.25081E-14	3.60717E-15	1.10556E-15	



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69-5.96072E-15 5.96072E-15-1.10556E-15-8.65806E-17  
70 4.32881E-16-4.32881E-16 8.65806E-17 2.01948E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.1192E+05 REMNOR=0.6837E-52 RATIO =0.3481 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.3481 RATIOR= 0.000  
MAX UN= 24.04 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
MIN UN=-27.95 IEQ= 89 NODE 45 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 171.7 REMNOR=0.3273E-19 RATIO =0.4179E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.4179E-01 RATIOR= 0.000  
MAX UN= 6.659 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.5770 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 86.93 REMNOR=0.5794E-19 RATIO =0.2973E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.2973E-01 RATIOR= 0.000  
MAX UN= 5.898 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
MIN UN=-.7656E-09 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 28.92 REMNOR=0.5963E-19 RATIO =0.1715E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.1715E-01 RATIOR= 0.000  
MAX UN= 4.208 IEQ= 49 NODE 25 DOF 1 Y-DISPL.F  
MIN UN=-.1444E-01 IEQ= 85 NODE 43 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.5397 REMNOR=0.2347E-19 RATIO =0.2343E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.2343E-02 RATIOR= 0.000  
MAX UN=0.7221 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
MIN UN=-.9257E-01 IEQ= 87 NODE 44 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 6 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.7365E-17 REMNOR=0.2691E-19 RATIO =0.8655E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.8655E-11 RATIOR= 0.000  
MAX UN=0.1267E-08 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
MIN UN=-.1030E-08 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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Exe Time :13 June 2018 14:05:41

New Project

SOLUTION REACHED USING 6 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	7.6722802E-03	-9.7899816E-04
2	7.4764806E-03	-9.7899816E-04
3	7.2806810E-03	-9.7899816E-04
4	7.0848813E-03	-9.7899816E-04
5	6.8890817E-03	-9.7899816E-04
6	6.6932821E-03	-9.7899816E-04
7	6.4974825E-03	-9.7899686E-04
8	6.3016841E-03	-9.7898359E-04
9	6.1058917E-03	-9.7893148E-04
10	5.9101153E-03	-9.7882306E-04
11	5.7143662E-03	-9.7865833E-04
12	5.5186557E-03	-9.7843730E-04
13	5.3229950E-03	-9.7815995E-04
14	5.1273955E-03	-9.7782575E-04
15	4.9318690E-03	-9.7742806E-04
16	4.7364297E-03	-9.7694908E-04
17	4.5410957E-03	-9.7635985E-04
18	4.3458948E-03	-9.7562019E-04
19	4.1508611E-03	-9.7467876E-04
20	3.9560409E-03	-9.7347298E-04
21	3.7614954E-03	-9.7192907E-04
22	3.5672985E-03	-9.6996199E-04
23	3.3735452E-03	-9.6747552E-04
24	3.1803501E-03	-9.6436218E-04
25	2.9878501E-03	-9.6050329E-04
26	2.7962071E-03	-9.5576893E-04
27	2.6056074E-03	-9.5007524E-04
28	2.4162445E-03	-9.4338417E-04
29	2.2283235E-03	-9.3564631E-04
30	2.0420598E-03	-9.2680066E-04
31	1.8576843E-03	-9.1673855E-04
32	1.6754609E-03	-9.0524183E-04
33	1.4957077E-03	-8.9195766E-04
34	1.3188294E-03	-8.7640000E-04
35	1.1453405E-03	-8.5795089E-04
36	9.7589172E-04	-8.3586212E-04
37	8.1129749E-04	-8.0925734E-04
38	6.5255753E-04	-7.7713377E-04
39	5.0088694E-04	-7.3836583E-04
40	3.5768160E-04	-6.9254181E-04
41	2.2430816E-04	-6.4014866E-04
42	1.0201095E-04	-5.8192334E-04
43	-8.1383180E-06	-5.1885515E-04
44	-1.0529154E-04	-4.5219342E-04
45	-1.8887741E-04	-3.8346373E-04
46	-2.5865032E-04	-3.1433985E-04
47	-3.1468696E-04	-2.4632000E-04
48	-3.5732976E-04	-1.8057170E-04
49	-3.8712717E-04	-1.1799643E-04
50	-4.0478534E-04	-5.9277400E-05
51	-4.1112848E-04	-4.9150731E-06
52	-4.0706481E-04	4.4743385E-05
53	-3.9355809E-04	8.9507738E-05
54	-3.7159108E-04	1.2934066E-04
55	-3.4214743E-04	1.6428959E-04
56	-3.0619229E-04	1.9448289E-04
57	-2.6465823E-04	2.2011682E-04
58	-2.1843240E-04	2.4144812E-04
59	-1.6834516E-04	2.5878672E-04
60	-1.1516017E-04	2.7248843E-04
61	-5.9565884E-05	2.8294870E-04
62	-2.1678312E-06	2.9060188E-04
63	5.6519339E-05	2.9592211E-04
64	1.1607881E-04	2.9940933E-04
65	1.7619234E-04	3.0153558E-04
66	2.3662918E-04	3.0270384E-04
67	2.9723225E-04	3.0324766E-04
68	3.5790421E-04	3.0343094E-04
69	4.1859353E-04	3.0344785E-04
70	4.7928055E-04	3.0342276E-04
71	5.3996655E-04	3.0341089E-04





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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time :13 June 2018 14:05:41

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 2.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time :13 June 2018 14:05:41

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-1.59105E-10	1.59105E-10	-1.61222E-11	-8.86331E-11
2	6.04246E-11	-6.04246E-11	7.90017E-11	5.65947E-11
3	-2.57671E-10	2.57671E-10	-7.63904E-11	3.65208E-12
4	6.02881E-10	-6.02881E-10	3.30403E-11	1.89317E-10
5	-9.17457E-11	9.17457E-11	-1.36282E-10	1.59900E-10
6	4.11440E-02	-4.11440E-02	-2.25462E-10	8.22879E-03
7	0.33778	-0.33778	-8.22879E-03	7.57857E-02
8	0.89084	-0.89084	-7.57857E-02	0.25395
9	0.89084	-0.89084	-0.25395	0.43212
10	0.89084	-0.89084	-0.43212	0.61029
11	0.89084	-0.89084	-0.61029	0.78846
12	0.89084	-0.89084	-0.78846	0.96663
13	0.90782	-0.90782	-0.96663	1.1482
14	1.1011	-1.1011	-1.1482	1.3684
15	1.4709	-1.4709	-1.3684	1.6626
16	2.0177	-2.0177	-1.6626	2.0661
17	2.7416	-2.7416	-2.0661	2.6144
18	3.6427	-3.6427	-2.6144	3.3430
19	4.7214	-4.7214	-3.3430	4.2873
20	5.9775	-5.9775	-4.2873	5.4828
21	7.4113	-7.4113	-5.4828	6.9650
22	9.0226	-9.0226	-6.9650	8.7696
23	10.812	-10.812	-8.7696	10.932
24	12.778	-12.778	-10.932	13.487
25	14.922	-14.922	-13.487	16.472
26	15.432	-15.432	-16.472	19.558
27	16.124	-16.124	-19.558	22.783
28	16.997	-16.997	-22.783	26.183
29	18.053	-18.053	-26.183	29.793
30	20.436	-20.436	-29.793	33.881
31	24.957	-24.957	-33.881	38.872
32	31.597	-31.597	-38.872	45.191
33	40.336	-40.336	-45.191	53.259
34	51.150	-51.150	-53.259	63.489
35	64.010	-64.010	-63.489	76.291
36	78.883	-78.883	-76.291	92.067
37	95.729	-95.729	-92.067	111.21
38	114.50	-114.50	-111.21	134.11
39	108.76	-108.76	-134.11	155.86
40	99.094	-99.094	-155.86	175.68
41	85.438	-85.438	-175.68	192.77
42	67.792	-67.792	-192.77	206.33
43	45.909	-45.909	-206.33	215.51
44	19.533	-19.533	-215.51	219.42
45	-7.0714	7.0714	-219.42	218.00
46	-27.860	27.860	-218.00	212.43
47	-44.013	44.013	-212.43	203.63
48	-56.383	56.383	-203.63	192.35
49	-65.620	65.620	-192.35	179.23
50	-72.237	72.237	-179.23	164.78
51	-76.633	76.633	-164.78	149.45
52	-78.111	78.111	-149.45	133.83
53	-77.996	77.996	-133.83	118.23
54	-76.535	76.535	-118.23	102.93
55	-73.935	73.935	-102.93	88.139
56	-70.325	70.325	-88.139	74.074
57	-65.811	65.811	-74.074	60.912
58	-60.519	60.519	-60.912	48.808
59	-54.554	54.554	-48.808	37.897
60	-48.006	48.006	-37.897	28.296
61	-40.811	40.811	-28.296	20.134
62	-33.005	33.005	-20.134	13.533
63	-24.993	24.993	-13.533	8.5344
64	-18.069	18.069	-8.5344	4.9206
65	-12.242	12.242	-4.9206	2.4722
66	-7.5155	7.5155	-2.4722	0.96912
67	-3.8919	3.8919	-0.96912	0.19073
68	-1.3723	1.3723	-0.19073	-8.37238E-02

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69 4.32153E-02-4.32153E-02 8.37238E-02-7.50808E-02  
70 0.37539 -0.37539 7.50808E-02 2.01972E-12

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3768E+06 RIMNOR=0.1213E+07  
RENORM=0.7365E-17 REMNOR=0.2691E-19 RATIO =0.4421E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3768E+06 RDR =0.1213E+07  
RATIOT=0.4421E-11 RATIOR= 0.000  
MAX UN=0.1267E-08 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
MIN UN=-.1030E-08 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3768E+06 RIMNOR=0.1213E+07  
RENORM=0.4426E-17 REMNOR=0.2385E-19 RATIO =0.3428E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3768E+06 RDR =0.1213E+07  
RATIOT=0.3428E-11 RATIOR= 0.000  
MAX UN=0.8773E-09 IEQ= 21 NODE 11 DOF 1 Y-DISPL.F  
MIN UN=-.8502E-09 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3768E+06 RIMNOR=0.1213E+07  
RENORM=0.9788E-17 REMNOR=0.3039E-19 RATIO =0.5097E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3768E+06 RDR =0.1213E+07  
RATIOT=0.5097E-11 RATIOR= 0.000  
MAX UN=0.7646E-09 IEQ= 41 NODE 21 DOF 1 Y-DISPL.F  
MIN UN=-.1038E-08 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time :13 June 2018 14:05:41

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	7.6722802E-03	-9.7899816E-04
2	7.4764806E-03	-9.7899816E-04
3	7.2806810E-03	-9.7899816E-04
4	7.0848813E-03	-9.7899816E-04
5	6.8890817E-03	-9.7899816E-04
6	6.6932821E-03	-9.7899816E-04
7	6.4974825E-03	-9.7899686E-04
8	6.3016841E-03	-9.7898359E-04
9	6.1058917E-03	-9.7893148E-04
10	5.9101153E-03	-9.7882306E-04
11	5.7143662E-03	-9.7865833E-04
12	5.5186557E-03	-9.7843730E-04
13	5.3229950E-03	-9.7815995E-04
14	5.1273955E-03	-9.7782575E-04
15	4.9318690E-03	-9.7742806E-04
16	4.7364297E-03	-9.7694908E-04
17	4.5410957E-03	-9.7635985E-04
18	4.3458948E-03	-9.7562019E-04
19	4.1508611E-03	-9.7467876E-04
20	3.9560409E-03	-9.7347298E-04
21	3.7614954E-03	-9.7192907E-04
22	3.5672985E-03	-9.6996199E-04
23	3.3735452E-03	-9.6747552E-04
24	3.1803501E-03	-9.6436218E-04
25	2.9878501E-03	-9.6050329E-04
26	2.7962071E-03	-9.5576893E-04
27	2.6056074E-03	-9.5007524E-04
28	2.4162445E-03	-9.4338417E-04
29	2.2283235E-03	-9.3564631E-04
30	2.0420598E-03	-9.2680066E-04
31	1.8576843E-03	-9.1673855E-04
32	1.6754609E-03	-9.0524183E-04
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41	2.2430816E-04	-6.4014866E-04
42	1.0201095E-04	-5.8192334E-04
43	-8.1383180E-06	-5.1885515E-04
44	-1.0529154E-04	-4.5219342E-04
45	-1.8887741E-04	-3.8346373E-04
46	-2.5865032E-04	-3.1433985E-04
47	-3.1468696E-04	-2.4632000E-04
48	-3.5732976E-04	-1.8057170E-04
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66	2.3662918E-04	3.0270384E-04
67	2.9723225E-04	3.0324766E-04
68	3.5790421E-04	3.0343094E-04
69	4.1859353E-04	3.0344785E-04
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71	5.3996655E-04	3.0341089E-04





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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time :13 June 2018 14:05:41

New Project

STRESS RESULTS FOR GROUP NO. 2

0\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 3.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time :13 June 2018 14:05:41

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	3.55464E-10	-3.55464E-10	3.60207E-11	-3.78624E-11
2	-2.68899E-10	2.68899E-10	4.60693E-11	2.36623E-11
3	2.36314E-10	-2.36314E-10	-2.69918E-11	5.30506E-11
4	3.35305E-10	-3.35305E-10	4.22452E-12	1.64618E-10
5	-1.74077E-10	1.74077E-10	-1.48632E-10	1.55784E-10
6	4.11440E-02	-4.11440E-02	-2.11740E-10	8.22879E-03
7	0.33778	-0.33778	-8.22879E-03	7.57857E-02
8	0.89084	-0.89084	-7.57857E-02	0.25395
9	0.89084	-0.89084	-0.25395	0.43212
10	0.89084	-0.89084	-0.43212	0.61029
11	0.89084	-0.89084	-0.61029	0.78846
12	0.89084	-0.89084	-0.78846	0.96663
13	0.90782	-0.90782	-0.96663	1.1482
14	1.1011	-1.1011	-1.1482	1.3684
15	1.4709	-1.4709	-1.3684	1.6626
16	2.0177	-2.0177	-1.6626	2.0661
17	2.7416	-2.7416	-2.0661	2.6144
18	3.6427	-3.6427	-2.6144	3.3430
19	4.7214	-4.7214	-3.3430	4.2873
20	5.9775	-5.9775	-4.2873	5.4828
21	7.4113	-7.4113	-5.4828	6.9650
22	9.0226	-9.0226	-6.9650	8.7696
23	10.812	-10.812	-8.7696	10.932
24	12.778	-12.778	-10.932	13.487
25	14.922	-14.922	-13.487	16.472
26	15.432	-15.432	-16.472	19.558
27	16.124	-16.124	-19.558	22.783
28	16.997	-16.997	-22.783	26.183
29	18.053	-18.053	-26.183	29.793
30	20.436	-20.436	-29.793	33.881
31	24.957	-24.957	-33.881	38.872
32	31.597	-31.597	-38.872	45.191
33	40.336	-40.336	-45.191	53.259
34	51.150	-51.150	-53.259	63.489
35	64.010	-64.010	-63.489	76.291
36	78.883	-78.883	-76.291	92.067
37	95.729	-95.729	-92.067	111.21
38	114.50	-114.50	-111.21	134.11
39	108.76	-108.76	-134.11	155.86
40	99.094	-99.094	-155.86	175.68
41	85.438	-85.438	-175.68	192.77
42	67.792	-67.792	-192.77	206.33
43	45.909	-45.909	-206.33	215.51
44	19.533	-19.533	-215.51	219.42
45	-7.0714	7.0714	-219.42	218.00
46	-27.860	27.860	-218.00	212.43
47	-44.013	44.013	-212.43	203.63
48	-56.383	56.383	-203.63	192.35
49	-65.620	65.620	-192.35	179.23
50	-72.237	72.237	-179.23	164.78
51	-76.633	76.633	-164.78	149.45
52	-78.111	78.111	-149.45	133.83
53	-77.996	77.996	-133.83	118.23
54	-76.535	76.535	-118.23	102.93
55	-73.935	73.935	-102.93	88.139
56	-70.325	70.325	-88.139	74.074
57	-65.811	65.811	-74.074	60.912
58	-60.519	60.519	-60.912	48.808
59	-54.554	54.554	-48.808	37.897
60	-48.006	48.006	-37.897	28.296
61	-40.811	40.811	-28.296	20.134
62	-33.005	33.005	-20.134	13.533
63	-24.993	24.993	-13.533	8.5344
64	-18.069	18.069	-8.5344	4.9206
65	-12.242	12.242	-4.9206	2.4722
66	-7.5155	7.5155	-2.4722	0.96912
67	-3.8919	3.8919	-0.96912	0.19073
68	-1.3723	1.3723	-0.19073	-8.37238E-02

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69 4.32153E-02-4.32153E-02 8.37238E-02-7.50808E-02  
70 0.37539 -0.37539 7.50808E-02 2.02049E-12

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Exe Time :13 June 2018 14:05:41

F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	6
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.03 [sec]

DATABASE CREATION CPU TIME..... 0.09 [sec]



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### Design Assumption : A1+M1+R1 (R3 per tiranti) - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:05:41

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*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

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*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

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PRELIMINARY OPERATIONS CPU TIME 0.01 [sec]

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	71
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	142
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	99
NO. OF LONG NAMES (LASTNAME) .....	16
LENGTH UNIT CHOICE .....	3 ( M )
FORCE UNIT CHOICE .....	3 ( KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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PREPROCESSOR DATA  
 NO. OF COMMANDS 99

- 1 : UNIT m kN
- 2 : TITLE New Project
- 3 : DELTA 0.2
- 4 : option param itemax 40
- 5 : option control hinges 0 0.0001 0.001
- 6 : WALL LeftWall\_32 0 -14 0 1
- 7 : SOIL 0\_L LeftWall\_32 -14 0 1 0
- 8 : SOIL 0\_R LeftWall\_32 -14 0 2 180
- 9 : LDATA Riporto\_2\_8\_L\_0 4 LeftWall\_32
- 10 : ATREST 0.5 1 1
- 11 : WEIGHT 16.8 8.3 10
- 12 : PERMEABILITY 0.0001
- 13 : RESISTANCE 5 23 0 0 0
- 14 : YOUNG 2E+04 3.2E+04
- 15 : ENDL
- 16 : LDATA sabbialimosoghiaiosal\_234\_219\_L\_0 -1.5 LeftWall\_32
- 17 : ATREST 0.76 2 1
- 18 : WEIGHT 20.9 11.8 10
- 19 : PERMEABILITY 1E-05
- 20 : RESISTANCE 10 37 0 0 0
- 21 : YOUNG 6E+04 1.5E+05
- 22 : ENDL
- 23 : LDATA Sabbialimosoghiaiosal\_235\_220\_L\_0 -5 LeftWall\_32
- 24 : ATREST 0.76 2 1
- 25 : WEIGHT 21.4 12.2 10
- 26 : PERMEABILITY 1E-05
- 27 : RESISTANCE 20 37 0 0 0
- 28 : YOUNG 7.5E+04 1.88E+05
- 29 : ENDL
- 30 : LDATA sabbialimosoghiaiosal\_236\_221\_L\_0 -10 LeftWall\_32
- 31 : ATREST 0.76 2 1
- 32 : WEIGHT 21.4 12.2 10
- 33 : PERMEABILITY 1E-05
- 34 : RESISTANCE 30 36 0 0 0
- 35 : YOUNG 1E+05 2.5E+05
- 36 : ENDL
- 37 : MATERIAL Fe360\_108 2.06E+08
- 38 : MATERIAL C2530\_104 3.148E+07
- 39 : BEAM WallElement\_33 LeftWall\_32 -14 0 C2530\_104 0.6225 00 00 0
- 40 : STRIP LeftWall\_32 1 3 4.15 25.85 0 20 45
- 41 : STEP Stage1\_31
- 42 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=23 LeftWall\_32
- 43 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=23 LeftWall\_32
- 44 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.376 LeftWall\_32
- 45 : CHANGE Riporto\_2\_8\_L\_0 U-KP=3.039 LeftWall\_32
- 46 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.376 LeftWall\_32
- 47 : CHANGE Riporto\_2\_8\_L\_0 D-KP=3.039 LeftWall\_32
- 48 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=37 LeftWall\_32
- 49 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=37 LeftWall\_32
- 50 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.205 LeftWall\_32
- 51 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=7.519 LeftWall\_32
- 52 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.205 LeftWall\_32
- 53 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=7.519 LeftWall\_32
- 54 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=37 LeftWall\_32
- 55 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=37 LeftWall\_32
- 56 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.205 LeftWall\_32
- 57 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=7.519 LeftWall\_32
- 58 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.205 LeftWall\_32
- 59 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=7.519 LeftWall\_32
- 60 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-FRICT=36 LeftWall\_32
- 61 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-FRICT=36 LeftWall\_32
- 62 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KA=0.215 LeftWall\_32
- 63 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KP=6.978 LeftWall\_32
- 64 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KA=0.215 LeftWall\_32
- 65 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KP=6.978 LeftWall\_32
- 66 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=5 LeftWall\_32
- 67 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32
- 68 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=5 LeftWall\_32
- 69 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32
- 70 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=10 LeftWall\_32
- 71 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32
- 72 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=10 LeftWall\_32
- 73 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32
- 74 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=20 LeftWall\_32
- 75 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32
- 76 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=20 LeftWall\_32
- 77 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32

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78 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
79 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
80 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
81 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
82 : SETWALL LeftWall\_32  
83 : GEOM 0 0  
84 : WATER -0.5 0 -14 0 0  
85 : ADD WallElement\_33  
86 : ENDSTEP  
87 : STEP Stage2\_446  
88 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=6.676 LeftWall\_32  
89 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KA=0.214 LeftWall\_32  
90 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KP=3.893 LeftWall\_32  
91 : SETWALL LeftWall\_32  
92 : GEOM 0 -7.4  
93 : WATER -10.9 1.5 -14 0 0  
94 : ENDSTEP  
95 : STEP Stage3\_549  
96 : SETWALL LeftWall\_32  
97 : GEOM 0 -7.4  
98 : WATER -10.9 1.5 -14 0 0  
99 : ENDSTEP

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Exe Time :13 June 2018 14:05:41

N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/	NODE	Y-COORD	Z-COORD	/
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.0000	/	52	0.0000	-10.2000	/
53	0.0000	-10.4000	/	54	0.0000	-10.6000	/	55	0.0000	-10.8000	/	56	0.0000	-11.0000	/
57	0.0000	-11.2000	/	58	0.0000	-11.4000	/	59	0.0000	-11.6000	/	60	0.0000	-11.8000	/
61	0.0000	-12.0000	/	62	0.0000	-12.2000	/	63	0.0000	-12.4000	/	64	0.0000	-12.6000	/
65	0.0000	-12.8000	/	66	0.0000	-13.0000	/	67	0.0000	-13.2000	/	68	0.0000	-13.4000	/
69	0.0000	-13.6000	/	70	0.0000	-13.8000	/	71	0.0000	-14.0000	/				

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ELEMENT GROUP NO. 1

0\_L  
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 3.00000

material set no. 4

prop( 1) angle 0.00000  
prop( 2) layer as foreseen 4.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000

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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000

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                Exe Time :13 June 2018      14:05:42
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```

ELEMENT GROUP NO.  2

0_R
 5 71  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  4  0  0  0  0
.....
.....2D PLASTIC SOIL .....
.....
    
```

element group behaviour throughout stage analysis

```

stage  status
-----
  1  active
  2  active
  3  active
    
```

```

material set no.  1

prop( 1) angle          180.000
prop( 2) layer as foreseen 1.00000
    
```

```

material set no.  2

prop( 1) angle          180.000
prop( 2) layer as foreseen 2.00000
    
```

```

material set no.  3

prop( 1) angle          180.000
prop( 2) layer as foreseen 3.00000
    
```

```

material set no.  4

prop( 1) angle          180.000
prop( 2) layer as foreseen 4.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000



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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33  
2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:05:42

NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

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Exe Time :13 June 2018 14:05:42

L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100



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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.6760 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21400 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.8930 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

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NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 6.6760	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21400	WALL NO.	1
ITEM NO.	61	D-KP	= 3.8930	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 12 VALUES



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Exe Time :13 June 2018  14:05:42
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PHASE DESCRIPTORS

STEP NO.	1	LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2	LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-7.400	0.000
Z-WATER_TABLE		-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-7.400	0.000
Z-WATER_TABLE	-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:05:42

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.150000000000000  
FOUNDATION WIDTH (B) 25.850000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 20.000000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 3869

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.6185E-27 REMNOR= 0.000 RATIO =0.6841E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.6841E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 119 NODE 60 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.3747E-28 REMNOR=0.1421E-52 RATIO =0.1684E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1684E-16 RATIOR= 0.000  
MAX UN=0.1387E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1539E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.2597E-28 REMNOR=0.6837E-52 RATIO =0.1402E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1402E-16 RATIOR= 0.000  
MAX UN=0.7118E-15 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1275E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:05:42

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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33 D	24.53	-3.5266E-20	75.08 63.67 75.08	63.67	V-C	4.0065E+04	-6.400	59.00	1.000	1.000
122.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
34 D	25.30	-3.9258E-20	77.52 65.50 77.52	65.50	V-C	4.0065E+04	-6.600	61.00	1.000	1.000
126.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
35 D	26.06	-4.3315E-20	79.96 67.32 79.96	67.32	V-C	4.0065E+04	-6.800	63.00	1.000	1.000
130.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
36 D	26.83	-4.7413E-20	82.40 69.14 82.40	69.14	V-C	4.0065E+04	-7.000	65.00	1.000	1.000
134.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
37 D	27.59	-5.1521E-20	84.84 70.96 84.84	70.96	V-C	4.0065E+04	-7.200	67.00	1.000	1.000
138.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
38 D	28.36	-5.5597E-20	87.28 72.78 87.28	72.78	V-C	4.0065E+04	-7.400	69.00	1.000	1.000
141.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
39 D	29.12	-5.9603E-20	89.72 74.59 89.72	74.59	V-C	4.0065E+04	-7.600	71.00	1.000	1.000
145.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
40 D	29.88	-6.3519E-20	92.16 76.40 92.16	76.40	V-C	4.0065E+04	-7.800	73.00	1.000	1.000
149.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
41 D	30.64	-6.7324E-20	94.60 78.21 94.60	78.21	V-C	4.0065E+04	-8.000	75.00	1.000	1.000
153.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
42 D	31.40	-7.0986E-20	97.04 80.01 97.04	80.01	V-C	4.0065E+04	-8.200	77.00	1.000	1.000
157.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
43 D	32.16	-7.4463E-20	99.48 81.82 99.48	81.82	V-C	4.0065E+04	-8.400	79.00	1.000	1.000
160.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
44 D	32.93	-7.7703E-20	101.9 83.63 101.9	83.63	V-C	4.0065E+04	-8.600	81.00	1.000	1.000
164.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
45 D	33.69	-8.0641E-20	104.4 85.43 104.4	85.43	V-C	4.0065E+04	-8.800	83.00	1.000	1.000
168.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
46 D	34.45	-8.3202E-20	106.8 87.23 106.8	87.23	V-C	4.0065E+04	-9.000	85.00	1.000	1.000
172.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
47 D	35.21	-8.5312E-20	109.2 89.03 109.2	89.03	V-C	4.0065E+04	-9.200	87.00	1.000	1.000
176.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
48 D	35.97	-8.6947E-20	111.7 90.83 111.7	90.83	V-C	4.0065E+04	-9.400	89.00	1.000	1.000
179.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
49 D	36.73	-8.8083E-20	114.1 92.63 114.1	92.63	V-C	4.0065E+04	-9.600	91.00	1.000	1.000
183.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
50 D	37.49	-8.8685E-20	116.6 94.43 116.6	94.43	V-C	4.0065E+04	-9.800	93.00	1.000	1.000
187.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
51 D	38.25	-8.8704E-20	119.0 96.23 119.0	96.23	V-C	4.0065E+04	-10.00	95.00	1.000	1.000
191.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_							
52 D	39.01	-8.8080E-20	121.4 98.03 121.4	98.03	V-C	5.4592E+04	-10.20	97.00	1.000	1.000
195.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
53 D	39.77	-8.6740E-20	123.9 99.83 123.9	99.83	V-C	5.4592E+04	-10.40	99.00	1.000	1.000
198.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
54 D	40.53	-8.4609E-20	126.3 101.6 126.3	101.6	V-C	5.4592E+04	-10.60	101.00	1.000	1.000
202.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
55 D	41.28	-8.1657E-20	128.8 103.4 128.8	103.4	V-C	5.4592E+04	-10.80	103.00	1.000	1.000
206.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
56 D	42.04	-7.7855E-20	131.2 105.2 131.2	105.2	V-C	5.4592E+04	-11.00	105.00	1.000	1.000
210.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
57 D	42.80	-7.3157E-20	133.6 107.0 133.6	107.0	V-C	5.4592E+04	-11.20	107.00	1.000	1.000
214.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
58 D	43.56	-6.7506E-20	136.1 108.8 136.1	108.8	V-C	5.4592E+04	-11.40	109.00	1.000	1.000
217.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
59 D	44.32	-6.0832E-20	138.5 110.6 138.5	110.6	V-C	5.4592E+04	-11.60	111.00	1.000	1.000
221.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
60 D	45.08	-5.3067E-20	141.0 112.4 141.0	112.4	V-C	5.4592E+04	-11.80	113.00	1.000	1.000
225.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
61 D	45.84	-4.4226E-20	143.4 114.2 143.4	114.2	V-C	5.4592E+04	-12.00	115.00	1.000	1.000
229.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
62 D	46.60	-3.4446E-20	145.8 116.0 145.8	116.0	V-C	5.4592E+04	-12.20	117.00	1.000	1.000
233.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
63 D	47.36	-2.3874E-20	148.3 117.8 148.3	117.8	V-C	5.4592E+04	-12.40	119.00	1.000	1.000
236.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
64 D	48.12	-1.2591E-20	150.7 119.6 150.7	119.6	V-C	5.4592E+04	-12.60	121.00	1.000	1.000
240.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
65 D	48.88	-6.5915E-22	153.2 121.4 153.2	121.4	V-C	5.4592E+04	-12.80	123.00	1.000	1.000
244.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
66 D	49.64	1.1862E-20	155.6 123.2 155.6	123.2	V-C	5.4592E+04	-13.00	125.00	1.000	1.000
248.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
67 D	50.40	2.4900E-20	158.0 125.0 158.0	125.0	V-C	5.4592E+04	-13.20	127.00	1.000	1.000
252.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
68 D	51.16	3.8317E-20	160.5 126.8 160.5	126.8	V-C	5.4592E+04	-13.40	129.00	1.000	1.000
255.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
69 D	51.92	5.1962E-20	162.9 128.6 162.9	128.6	V-C	5.4592E+04	-13.60	131.00	1.000	1.000
259.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
70 D	52.68	6.5691E-20	165.4 130.4 165.4	130.4	V-C	5.4592E+04	-13.80	133.00	1.000	1.000
263.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_							
71 D	26.72	7.9428E-20	167.8 132.2 167.8	132.2	V-C	5.4592E+04	-14.00	135.00	1.000	1.000
267.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_							

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-3.65618E-17	3.65618E-17	8.83524E-29	7.31236E-18	
2-1.06776E-16	1.06776E-16	7.31236E-18	2.86676E-17	
3-1.74079E-16	1.74079E-16	2.86676E-17	6.34835E-17	
4-2.38463E-16	2.38463E-16	6.34835E-17	1.11176E-16	
5-2.99910E-16	2.99910E-16	1.11176E-16	1.71158E-16	
6-3.58391E-16	3.58391E-16	1.71158E-16	2.42836E-16	
7-4.13865E-16	4.13865E-16	2.42836E-16	3.25609E-16	
8-4.66269E-16	4.66269E-16	3.25609E-16	4.18863E-16	
9-6.22806E-16	6.22806E-16	4.18863E-16	5.43424E-16	
10-7.69015E-16	7.69015E-16	5.43424E-16	6.97227E-16	
11-9.04489E-16	9.04489E-16	6.97227E-16	8.78125E-16	
12-1.02873E-15	1.02873E-15	8.78125E-16	1.08387E-15	
13-1.14112E-15	1.14112E-15	1.08387E-15	1.31209E-15	
14-1.24095E-15	1.24095E-15	1.31209E-15	1.56028E-15	
15-1.32736E-15	1.32736E-15	1.56028E-15	1.82576E-15	
16-1.39941E-15	1.39941E-15	1.82576E-15	2.10564E-15	
17-1.45602E-15	1.45602E-15	2.10564E-15	2.39685E-15	
18-5.04871E-15	5.04871E-15	2.39685E-15	3.40659E-15	
19-1.51804E-15	1.51804E-15	3.40659E-15	3.71020E-15	
20-1.52078E-15	1.52078E-15	3.71020E-15	4.01435E-15	
21-1.50275E-15	1.50275E-15	4.01435E-15	4.31490E-15	
22-1.46243E-15	1.46243E-15	4.31490E-15	4.60739E-15	
23-2.15448E-15	2.15448E-15	4.60739E-15	4.17649E-15	
24-2.24411E-15	2.24411E-15	4.17649E-15	3.72767E-15	
25-2.36078E-15	2.36078E-15	3.72767E-15	3.25551E-15	
26-2.54237E-15	2.54237E-15	3.25551E-15	2.74704E-15	
27-2.76160E-15	2.76160E-15	2.74704E-15	2.19472E-15	
28-3.02027E-15	3.02027E-15	2.19472E-15	1.59067E-15	
29-2.32657E-16	2.32657E-16	1.59067E-15	1.63720E-15	
30-1.09746E-16	1.09746E-16	1.63720E-15	1.61525E-15	
31-4.96075E-16	4.96075E-16	1.61525E-15	1.51603E-15	
32-9.27405E-16	9.27405E-16	1.51603E-15	1.33055E-15	
33-1.40455E-15	1.40455E-15	1.33055E-15	1.04964E-15	
34-1.92801E-15	1.92801E-15	1.04964E-15	6.64041E-16	
35-2.49799E-15	2.49799E-15	6.64041E-16	1.64442E-16	
36-3.11431E-15	3.11431E-15	1.64442E-16	4.58417E-16	
37-3.77640E-15	3.77640E-15	4.58417E-16	1.21370E-15	
38-9.30568E-16	9.30568E-16	1.21370E-15	1.39981E-15	
39-1.68083E-15	1.68083E-15	1.39981E-15	1.73598E-15	
40-2.47260E-15	2.47260E-15	1.73598E-15	2.23050E-15	
41-3.30352E-15	3.30352E-15	2.23050E-15	2.89120E-15	
42-4.17072E-15	4.17072E-15	2.89120E-15	3.72534E-15	
43-5.07086E-15	5.07086E-15	3.72534E-15	4.73952E-15	
44-6.00005E-15	6.00005E-15	4.73952E-15	5.93952E-15	
45-6.95391E-15	6.95391E-15	5.93952E-15	7.33030E-15	
46-8.22107E-16	8.22107E-16	7.33030E-15	7.49472E-15	
47-1.81011E-15	1.81011E-15	7.49472E-15	7.85674E-15	
48-2.80661E-15	2.80661E-15	7.85674E-15	8.41807E-15	
49-3.80528E-15	3.80528E-15	8.41807E-15	9.17912E-15	
50-4.79937E-15	4.79937E-15	9.17912E-15	1.01390E-14	
51-5.78175E-15	5.78175E-15	1.01390E-14	1.12954E-14	
52-7.05694E-15	7.05694E-15	1.12954E-14	1.27067E-14	
53-1.19106E-15	1.19106E-15	1.27067E-14	1.29449E-14	
54-2.38442E-15	2.38442E-15	1.29449E-14	1.34218E-14	
55-3.52091E-15	3.52091E-15	1.34218E-14	1.41260E-14	
56-4.58985E-15	4.58985E-15	1.41260E-14	1.50439E-14	
57-5.58063E-15	5.58063E-15	1.50439E-14	1.61601E-14	
58-6.48294E-15	6.48294E-15	1.61601E-14	1.74567E-14	
59-1.81388E-16	1.81388E-16	1.74567E-14	1.74929E-14	
60-1.33334E-14	1.33334E-14	1.74929E-14	1.48262E-14	
61-1.27539E-14	1.27539E-14	1.48262E-14	1.22755E-14	
62-5.19348E-15	5.19348E-15	1.22755E-14	1.12368E-14	
63-4.87000E-15	4.87000E-15	1.12368E-14	1.02628E-14	
64-4.68414E-15	4.68414E-15	1.02628E-14	9.32594E-15	
65-4.64093E-15	4.64093E-15	9.32594E-15	8.39775E-15	
66-1.18498E-14	1.18498E-14	8.39775E-15	6.02778E-15	
67-1.21030E-14	1.21030E-14	6.02778E-15	3.60717E-15	
68-1.25081E-14	1.25081E-14	3.60717E-15	1.10556E-15	

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69-5.96072E-15 5.96072E-15-1.10556E-15-8.65806E-17  
70 4.32881E-16-4.32881E-16 8.65806E-17 2.01948E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.1192E+05 REMNOR=0.6837E-52 RATIO =0.3481 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.3481 RATIOR= 0.000  
MAX UN= 24.04 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
MIN UN=-27.95 IEQ= 89 NODE 45 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 171.7 REMNOR=0.3273E-19 RATIO =0.4179E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.4179E-01 RATIOR= 0.000  
MAX UN= 6.659 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.5770 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 86.93 REMNOR=0.5794E-19 RATIO =0.2973E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.2973E-01 RATIOR= 0.000  
MAX UN= 5.898 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
MIN UN=-.7656E-09 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 28.92 REMNOR=0.5963E-19 RATIO =0.1715E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.1715E-01 RATIOR= 0.000  
MAX UN= 4.208 IEQ= 49 NODE 25 DOF 1 Y-DISPL.F  
MIN UN=-.1444E-01 IEQ= 85 NODE 43 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.5397 REMNOR=0.2347E-19 RATIO =0.2343E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.2343E-02 RATIOR= 0.000  
MAX UN=0.7221 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
MIN UN=-.9257E-01 IEQ= 87 NODE 44 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 6 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.7365E-17 REMNOR=0.2691E-19 RATIO =0.8655E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.8655E-11 RATIOR= 0.000  
MAX UN=0.1267E-08 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
MIN UN=-.1030E-08 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:05:42

New Project  
SOLUTION REACHED USING 6 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	7.6722802E-03	-9.7899816E-04
2	7.4764806E-03	-9.7899816E-04
3	7.2806810E-03	-9.7899816E-04
4	7.0848813E-03	-9.7899816E-04
5	6.8890817E-03	-9.7899816E-04
6	6.6932821E-03	-9.7899816E-04
7	6.4974825E-03	-9.7899686E-04
8	6.3016841E-03	-9.7898359E-04
9	6.1058917E-03	-9.7893148E-04
10	5.9101153E-03	-9.7882306E-04
11	5.7143662E-03	-9.7865833E-04
12	5.5186557E-03	-9.7843730E-04
13	5.3229950E-03	-9.7815995E-04
14	5.1273955E-03	-9.7782575E-04
15	4.9318690E-03	-9.7742806E-04
16	4.7364297E-03	-9.7694908E-04
17	4.5410957E-03	-9.7635985E-04
18	4.3458948E-03	-9.7562019E-04
19	4.1508611E-03	-9.7467876E-04
20	3.9560409E-03	-9.7347298E-04
21	3.7614954E-03	-9.7192907E-04
22	3.5672985E-03	-9.6996199E-04
23	3.3735452E-03	-9.6747552E-04
24	3.1803501E-03	-9.6436218E-04
25	2.9878501E-03	-9.6050329E-04
26	2.7962071E-03	-9.5576893E-04
27	2.6056074E-03	-9.5007524E-04
28	2.4162445E-03	-9.4338417E-04
29	2.2283235E-03	-9.3564631E-04
30	2.0420598E-03	-9.2680066E-04
31	1.8576843E-03	-9.1673855E-04
32	1.6754609E-03	-9.0524183E-04
33	1.4957077E-03	-8.9195766E-04
34	1.3188294E-03	-8.7640000E-04
35	1.1453405E-03	-8.5795089E-04
36	9.7589172E-04	-8.3586212E-04
37	8.1129749E-04	-8.0925734E-04
38	6.5255753E-04	-7.7713377E-04
39	5.0088694E-04	-7.3836583E-04
40	3.5768160E-04	-6.9254181E-04
41	2.2430816E-04	-6.4014866E-04
42	1.0201095E-04	-5.8192334E-04
43	-8.1383180E-06	-5.1885515E-04
44	-1.0529154E-04	-4.5219342E-04
45	-1.8887741E-04	-3.8346373E-04
46	-2.5865032E-04	-3.1433985E-04
47	-3.1468696E-04	-2.4632000E-04
48	-3.5732976E-04	-1.8057170E-04
49	-3.8712717E-04	-1.1799643E-04
50	-4.0478534E-04	-5.9277400E-05
51	-4.1112848E-04	-4.9150731E-06
52	-4.0706481E-04	4.4743385E-05
53	-3.9355809E-04	8.9507738E-05
54	-3.7159108E-04	1.2934066E-04
55	-3.4214743E-04	1.6428959E-04
56	-3.0619229E-04	1.9448289E-04
57	-2.6465823E-04	2.2011682E-04
58	-2.1843240E-04	2.4144812E-04
59	-1.6834516E-04	2.5878672E-04
60	-1.1516017E-04	2.7248843E-04
61	-5.9565884E-05	2.8294870E-04
62	-2.1678312E-06	2.9060188E-04
63	5.6519339E-05	2.9592211E-04
64	1.1607881E-04	2.9940933E-04
65	1.7619234E-04	3.0153558E-04
66	2.3662918E-04	3.0270384E-04
67	2.9723225E-04	3.0324766E-04
68	3.5790421E-04	3.0343094E-04
69	4.1859353E-04	3.0344785E-04
70	4.7928055E-04	3.0342276E-04
71	5.3996655E-04	3.0341089E-04











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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 2.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-1.59105E-10	1.59105E-10	-1.61222E-11	-8.86331E-11
2	6.04246E-11	-6.04246E-11	7.90017E-11	5.65947E-11
3	-2.57671E-10	2.57671E-10	-7.63904E-11	3.65208E-12
4	6.02881E-10	-6.02881E-10	3.30403E-11	1.89317E-10
5	-9.17457E-11	9.17457E-11	-1.36282E-10	1.59900E-10
6	4.11440E-02	-4.11440E-02	-2.25462E-10	8.22879E-03
7	0.33778	-0.33778	-8.22879E-03	7.57857E-02
8	0.89084	-0.89084	-7.57857E-02	0.25395
9	0.89084	-0.89084	-0.25395	0.43212
10	0.89084	-0.89084	-0.43212	0.61029
11	0.89084	-0.89084	-0.61029	0.78846
12	0.89084	-0.89084	-0.78846	0.96663
13	0.90782	-0.90782	-0.96663	1.1482
14	1.1011	-1.1011	-1.1482	1.3684
15	1.4709	-1.4709	-1.3684	1.6626
16	2.0177	-2.0177	-1.6626	2.0661
17	2.7416	-2.7416	-2.0661	2.6144
18	3.6427	-3.6427	-2.6144	3.3430
19	4.7214	-4.7214	-3.3430	4.2873
20	5.9775	-5.9775	-4.2873	5.4828
21	7.4113	-7.4113	-5.4828	6.9650
22	9.0226	-9.0226	-6.9650	8.7696
23	10.812	-10.812	-8.7696	10.932
24	12.778	-12.778	-10.932	13.487
25	14.922	-14.922	-13.487	16.472
26	15.432	-15.432	-16.472	19.558
27	16.124	-16.124	-19.558	22.783
28	16.997	-16.997	-22.783	26.183
29	18.053	-18.053	-26.183	29.793
30	20.436	-20.436	-29.793	33.881
31	24.957	-24.957	-33.881	38.872
32	31.597	-31.597	-38.872	45.191
33	40.336	-40.336	-45.191	53.259
34	51.150	-51.150	-53.259	63.489
35	64.010	-64.010	-63.489	76.291
36	78.883	-78.883	-76.291	92.067
37	95.729	-95.729	-92.067	111.21
38	114.50	-114.50	-111.21	134.11
39	108.76	-108.76	-134.11	155.86
40	99.094	-99.094	-155.86	175.68
41	85.438	-85.438	-175.68	192.77
42	67.792	-67.792	-192.77	206.33
43	45.909	-45.909	-206.33	215.51
44	19.533	-19.533	-215.51	219.42
45	-7.0714	7.0714	-219.42	218.00
46	-27.860	27.860	-218.00	212.43
47	-44.013	44.013	-212.43	203.63
48	-56.383	56.383	-203.63	192.35
49	-65.620	65.620	-192.35	179.23
50	-72.237	72.237	-179.23	164.78
51	-76.633	76.633	-164.78	149.45
52	-78.111	78.111	-149.45	133.83
53	-77.996	77.996	-133.83	118.23
54	-76.535	76.535	-118.23	102.93
55	-73.935	73.935	-102.93	88.139
56	-70.325	70.325	-88.139	74.074
57	-65.811	65.811	-74.074	60.912
58	-60.519	60.519	-60.912	48.808
59	-54.554	54.554	-48.808	37.897
60	-48.006	48.006	-37.897	28.296
61	-40.811	40.811	-28.296	20.134
62	-33.005	33.005	-20.134	13.533
63	-24.993	24.993	-13.533	8.5344
64	-18.069	18.069	-8.5344	4.9206
65	-12.242	12.242	-4.9206	2.4722
66	-7.5155	7.5155	-2.4722	0.96912
67	-3.8919	3.8919	-0.96912	0.19073
68	-1.3723	1.3723	-0.19073	-8.37238E-02

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69 4.32153E-02-4.32153E-02 8.37238E-02-7.50808E-02  
70 0.37539 -0.37539 7.50808E-02 2.01972E-12

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3768E+06 RIMNOR=0.1213E+07  
RENORM=0.7365E-17 REMNOR=0.2691E-19 RATIO =0.4421E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3768E+06 RDR =0.1213E+07  
RATIOT=0.4421E-11 RATIOR= 0.000  
MAX UN=0.1267E-08 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
MIN UN=-.1030E-08 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3768E+06 RIMNOR=0.1213E+07  
RENORM=0.4426E-17 REMNOR=0.2385E-19 RATIO =0.3428E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3768E+06 RDR =0.1213E+07  
RATIOT=0.3428E-11 RATIOR= 0.000  
MAX UN=0.8773E-09 IEQ= 21 NODE 11 DOF 1 Y-DISPL.F  
MIN UN=-.8502E-09 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3768E+06 RIMNOR=0.1213E+07  
RENORM=0.9788E-17 REMNOR=0.3039E-19 RATIO =0.5097E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3768E+06 RDR =0.1213E+07  
RATIOT=0.5097E-11 RATIOR= 0.000  
MAX UN=0.7646E-09 IEQ= 41 NODE 21 DOF 1 Y-DISPL.F  
MIN UN=-.1038E-08 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:05:42

New Project  
SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	7.6722802E-03	-9.7899816E-04
2	7.4764806E-03	-9.7899816E-04
3	7.2806810E-03	-9.7899816E-04
4	7.0848813E-03	-9.7899816E-04
5	6.8890817E-03	-9.7899816E-04
6	6.6932821E-03	-9.7899816E-04
7	6.4974825E-03	-9.7899686E-04
8	6.3016841E-03	-9.7898359E-04
9	6.1058917E-03	-9.7893148E-04
10	5.9101153E-03	-9.7882306E-04
11	5.7143662E-03	-9.7865833E-04
12	5.5186557E-03	-9.7843730E-04
13	5.3229950E-03	-9.7815995E-04
14	5.1273955E-03	-9.7782575E-04
15	4.9318690E-03	-9.7742806E-04
16	4.7364297E-03	-9.7694908E-04
17	4.5410957E-03	-9.7635985E-04
18	4.3458948E-03	-9.7562019E-04
19	4.1508611E-03	-9.7467876E-04
20	3.9560409E-03	-9.7347298E-04
21	3.7614954E-03	-9.7192907E-04
22	3.5672985E-03	-9.6996199E-04
23	3.3735452E-03	-9.6747552E-04
24	3.1803501E-03	-9.6436218E-04
25	2.9878501E-03	-9.6050329E-04
26	2.7962071E-03	-9.5576893E-04
27	2.6056074E-03	-9.5007524E-04
28	2.4162445E-03	-9.4338417E-04
29	2.2283235E-03	-9.3564631E-04
30	2.0420598E-03	-9.2680066E-04
31	1.8576843E-03	-9.1673855E-04
32	1.6754609E-03	-9.0524183E-04
33	1.4957077E-03	-8.9195766E-04
34	1.3188294E-03	-8.7640000E-04
35	1.1453405E-03	-8.5795089E-04
36	9.7589172E-04	-8.3586212E-04
37	8.1129749E-04	-8.0925734E-04
38	6.5255753E-04	-7.7713377E-04
39	5.0088694E-04	-7.3836583E-04
40	3.5768160E-04	-6.9254181E-04
41	2.2430816E-04	-6.4014866E-04
42	1.0201095E-04	-5.8192334E-04
43	-8.1383180E-06	-5.1885515E-04
44	-1.0529154E-04	-4.5219342E-04
45	-1.8887741E-04	-3.8346373E-04
46	-2.5865032E-04	-3.1433985E-04
47	-3.1468696E-04	-2.4632000E-04
48	-3.5732976E-04	-1.8057170E-04
49	-3.8712717E-04	-1.1799643E-04
50	-4.0478534E-04	-5.9277400E-05
51	-4.1112848E-04	-4.9150731E-06
52	-4.0706481E-04	4.4743385E-05
53	-3.9355809E-04	8.9507738E-05
54	-3.7159108E-04	1.2934066E-04
55	-3.4214743E-04	1.6428959E-04
56	-3.0619229E-04	1.9448289E-04
57	-2.6465823E-04	2.2011682E-04
58	-2.1843240E-04	2.4144812E-04
59	-1.6834516E-04	2.5878672E-04
60	-1.1516017E-04	2.7248843E-04
61	-5.9565884E-05	2.8294870E-04
62	-2.1678312E-06	2.9060188E-04
63	5.6519339E-05	2.9592211E-04
64	1.1607881E-04	2.9940933E-04
65	1.7619234E-04	3.0153558E-04
66	2.3662918E-04	3.0270384E-04
67	2.9723225E-04	3.0324766E-04
68	3.5790421E-04	3.0343094E-04
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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 2

0\_R :  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 3.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	3.55464E-10	-3.55464E-10	3.60207E-11	-3.78624E-11
2	-2.68899E-10	2.68899E-10	4.60693E-11	2.36623E-11
3	2.36314E-10	-2.36314E-10	-2.69918E-11	5.30506E-11
4	3.35305E-10	-3.35305E-10	4.22452E-12	1.64618E-10
5	-1.74077E-10	1.74077E-10	-1.48632E-10	1.55784E-10
6	4.11440E-02	-4.11440E-02	-2.11740E-10	8.22879E-03
7	0.33778	-0.33778	-8.22879E-03	7.57857E-02
8	0.89084	-0.89084	-7.57857E-02	0.25395
9	0.89084	-0.89084	-0.25395	0.43212
10	0.89084	-0.89084	-0.43212	0.61029
11	0.89084	-0.89084	-0.61029	0.78846
12	0.89084	-0.89084	-0.78846	0.96663
13	0.90782	-0.90782	-0.96663	1.1482
14	1.1011	-1.1011	-1.1482	1.3684
15	1.4709	-1.4709	-1.3684	1.6626
16	2.0177	-2.0177	-1.6626	2.0661
17	2.7416	-2.7416	-2.0661	2.6144
18	3.6427	-3.6427	-2.6144	3.3430
19	4.7214	-4.7214	-3.3430	4.2873
20	5.9775	-5.9775	-4.2873	5.4828
21	7.4113	-7.4113	-5.4828	6.9650
22	9.0226	-9.0226	-6.9650	8.7696
23	10.812	-10.812	-8.7696	10.932
24	12.778	-12.778	-10.932	13.487
25	14.922	-14.922	-13.487	16.472
26	15.432	-15.432	-16.472	19.558
27	16.124	-16.124	-19.558	22.783
28	16.997	-16.997	-22.783	26.183
29	18.053	-18.053	-26.183	29.793
30	20.436	-20.436	-29.793	33.881
31	24.957	-24.957	-33.881	38.872
32	31.597	-31.597	-38.872	45.191
33	40.336	-40.336	-45.191	53.259
34	51.150	-51.150	-53.259	63.489
35	64.010	-64.010	-63.489	76.291
36	78.883	-78.883	-76.291	92.067
37	95.729	-95.729	-92.067	111.21
38	114.50	-114.50	-111.21	134.11
39	108.76	-108.76	-134.11	155.86
40	99.094	-99.094	-155.86	175.68
41	85.438	-85.438	-175.68	192.77
42	67.792	-67.792	-192.77	206.33
43	45.909	-45.909	-206.33	215.51
44	19.533	-19.533	-215.51	219.42
45	-7.0714	7.0714	-219.42	218.00
46	-27.860	27.860	-218.00	212.43
47	-44.013	44.013	-212.43	203.63
48	-56.383	56.383	-203.63	192.35
49	-65.620	65.620	-192.35	179.23
50	-72.237	72.237	-179.23	164.78
51	-76.633	76.633	-164.78	149.45
52	-78.111	78.111	-149.45	133.83
53	-77.996	77.996	-133.83	118.23
54	-76.535	76.535	-118.23	102.93
55	-73.935	73.935	-102.93	88.139
56	-70.325	70.325	-88.139	74.074
57	-65.811	65.811	-74.074	60.912
58	-60.519	60.519	-60.912	48.808
59	-54.554	54.554	-48.808	37.897
60	-48.006	48.006	-37.897	28.296
61	-40.811	40.811	-28.296	20.134
62	-33.005	33.005	-20.134	13.533
63	-24.993	24.993	-13.533	8.5344
64	-18.069	18.069	-8.5344	4.9206
65	-12.242	12.242	-4.9206	2.4722
66	-7.5155	7.5155	-2.4722	0.96912
67	-3.8919	3.8919	-0.96912	0.19073
68	-1.3723	1.3723	-0.19073	-8.37238E-02

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69 4.32153E-02-4.32153E-02 8.37238E-02-7.50808E-02  
70 0.37539 -0.37539 7.50808E-02 2.02049E-12

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	6
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.04 [sec]

DATABASE CREATION CPU TIME..... 0.09 [sec]

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## Design Assumption : A2+M2+R1 - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time :13 June 2018 14:05:42

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*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.A2M2R1\_3805

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.03 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	71
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	142
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	99
NO. OF LONG NAMES (LASTNAME) .....	16
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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```

PREPROCESSOR DATA  
 NO. OF COMMANDS 99

- 1 : UNIT m kN
- 2 : TITLE New Project
- 3 : DELTA 0.2
- 4 : option param itemax 40
- 5 : option control hinges 0 0.0001 0.001
- 6 : WALL LeftWall\_32 0 -14 0 1
- 7 : SOIL 0\_L LeftWall\_32 -14 0 1 0
- 8 : SOIL 0\_R LeftWall\_32 -14 0 2 180
- 9 : LDATA Riporto\_2\_8\_L\_0 4 LeftWall\_32
- 10 : ATREST 0.5 1 1
- 11 : WEIGHT 16.8 8.3 10
- 12 : PERMEABILITY 0.0001
- 13 : RESISTANCE 5 23 0 0 0
- 14 : YOUNG 2E+04 3.2E+04
- 15 : ENDL
- 16 : LDATA sabbialimosoghiaiosal\_234\_219\_L\_0 -1.5 LeftWall\_32
- 17 : ATREST 0.76 2 1
- 18 : WEIGHT 20.9 11.8 10
- 19 : PERMEABILITY 1E-05
- 20 : RESISTANCE 10 37 0 0 0
- 21 : YOUNG 6E+04 1.5E+05
- 22 : ENDL
- 23 : LDATA Sabbialimosoghiaiosal\_235\_220\_L\_0 -5 LeftWall\_32
- 24 : ATREST 0.76 2 1
- 25 : WEIGHT 21.4 12.2 10
- 26 : PERMEABILITY 1E-05
- 27 : RESISTANCE 20 37 0 0 0
- 28 : YOUNG 7.5E+04 1.88E+05
- 29 : ENDL
- 30 : LDATA sabbialimosoghiaiosal\_236\_221\_L\_0 -10 LeftWall\_32
- 31 : ATREST 0.76 2 1
- 32 : WEIGHT 21.4 12.2 10
- 33 : PERMEABILITY 1E-05
- 34 : RESISTANCE 30 36 0 0 0
- 35 : YOUNG 1E+05 2.5E+05
- 36 : ENDL
- 37 : MATERIAL Fe360\_108 2.06E+08
- 38 : MATERIAL C2530\_104 3.148E+07
- 39 : BEAM WallElement\_33 LeftWall\_32 -14 0 C2530\_104 0.6225 00 00 0
- 40 : STRIP LeftWall\_32 1 3 4.15 25.85 0 20 45
- 41 : STEP Stage1\_31
- 42 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=18.76 LeftWall\_32
- 43 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=18.76 LeftWall\_32
- 44 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.449 LeftWall\_32
- 45 : CHANGE Riporto\_2\_8\_L\_0 U-KP=2.415 LeftWall\_32
- 46 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.449 LeftWall\_32
- 47 : CHANGE Riporto\_2\_8\_L\_0 D-KP=2.415 LeftWall\_32
- 48 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=31.08 LeftWall\_32
- 49 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=31.08 LeftWall\_32
- 50 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.267 LeftWall\_32
- 51 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=4.957 LeftWall\_32
- 52 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.267 LeftWall\_32
- 53 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=4.957 LeftWall\_32
- 54 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=31.08 LeftWall\_32
- 55 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=31.08 LeftWall\_32
- 56 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.267 LeftWall\_32
- 57 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=4.957 LeftWall\_32
- 58 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.267 LeftWall\_32
- 59 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=4.957 LeftWall\_32
- 60 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-FRICT=30.17 LeftWall\_32
- 61 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-FRICT=30.17 LeftWall\_32
- 62 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KA=0.278 LeftWall\_32
- 63 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KP=4.67 LeftWall\_32
- 64 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KA=0.278 LeftWall\_32
- 65 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KP=4.67 LeftWall\_32
- 66 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=4 LeftWall\_32
- 67 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32
- 68 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=4 LeftWall\_32
- 69 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32
- 70 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=8 LeftWall\_32
- 71 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32
- 72 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=8 LeftWall\_32
- 73 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32
- 74 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=16 LeftWall\_32
- 75 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32
- 76 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=16 LeftWall\_32
- 77 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32



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78 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-COHE=24 LeftWall\_32  
79 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
80 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-COHE=24 LeftWall\_32  
81 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
82 : SETWALL LeftWall\_32  
83 : GEOM 0 0  
84 : WATER -0.5 0 -14 0 0  
85 : ADD WallElement\_33  
86 : ENDSTEP  
87 : STEP Stage2\_446  
88 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=4.458 LeftWall\_32  
89 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KA=0.277 LeftWall\_32  
90 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KP=2.717 LeftWall\_32  
91 : SETWALL LeftWall\_32  
92 : GEOM 0 -7.4  
93 : WATER -10.9 1.5 -14 0 0  
94 : ENDSTEP  
95 : STEP Stage3\_549  
96 : SETWALL LeftWall\_32  
97 : GEOM 0 -7.4  
98 : WATER -10.9 1.5 -14 0 0  
99 : ENDSTEP

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /				
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.000	/	52	0.0000	-10.200	/
53	0.0000	-10.400	/	54	0.0000	-10.600	/	55	0.0000	-10.800	/	56	0.0000	-11.000	/
57	0.0000	-11.200	/	58	0.0000	-11.400	/	59	0.0000	-11.600	/	60	0.0000	-11.800	/
61	0.0000	-12.000	/	62	0.0000	-12.200	/	63	0.0000	-12.400	/	64	0.0000	-12.600	/
65	0.0000	-12.800	/	66	0.0000	-13.000	/	67	0.0000	-13.200	/	68	0.0000	-13.400	/
69	0.0000	-13.600	/	70	0.0000	-13.800	/	71	0.0000	-14.000	/				



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ELEMENT GROUP NO. 1

0\_L 5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status
1 active
2 active
3 active

material set no. 1
prop( 1) angle 0.00000
prop( 2) layer as foreseen 1.00000

material set no. 2
prop( 1) angle 0.00000
prop( 2) layer as foreseen 2.00000

material set no. 3
prop( 1) angle 0.00000
prop( 2) layer as foreseen 3.00000

material set no. 4
prop( 1) angle 0.00000
prop( 2) layer as foreseen 4.00000

element data

Table with 8 columns: el, n, mat, area, and three empty columns, followed by flag. Contains 36 rows of element data.

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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000

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ELEMENT GROUP NO. 2

0\_R  
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....  
.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

material set no. 4  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 4.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000

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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33 :  
2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....  
.....2D WALL ELEMENT.....  
.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000  
-----

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000



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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time :13 June 2018 14:05:42

NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100

GENERAL CONTRACTOR

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805

Exe Time :13 June 2018 14:05:42

LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2

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ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO.	1	NAME	&gt;= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	

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ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.4580	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO.	1	NAME	= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.27700	WALL NO.	1
ITEM NO.	61	D-KP	= 2.7170	WALL NO.	1



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ITEM NO. 77&amp;lt;D-PERM &amp;gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1&lt;NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27&lt;U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52&lt;D-NATURE&gt;=	1.0000	(BOTH WALLS)	
ITEM NO.	53&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58&lt;D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58&lt;D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59&lt;D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59&lt;D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60&lt;D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61&lt;D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77&lt;D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1&lt;NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52&lt;D-NATURE&gt;=	1.0000	(BOTH WALLS)	
ITEM NO.	53&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58&lt;D-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	58&lt;D-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	59&lt;D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59&lt;D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60&lt;D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61&lt;D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1&lt;NAME	&gt;= 12.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= -5.0000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 0.18800E+06	(BOTH WALLS)	

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ITEM NO. 27<math>U-PERM <math>= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52<math>D-NATURE<math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 53<math>D-LEVEL <math>= 0.0000 (BOTH WALLS)  
 ITEM NO. 58<math>D-COHE <math>= 16.000 WALL NO. 1  
 ITEM NO. 58<math>D-COHE <math>= 20.000 WALL NO. 2  
 ITEM NO. 59<math>D-FRICT <math>= 31.080 WALL NO. 1  
 ITEM NO. 59<math>D-FRICT <math>= 37.000 WALL NO. 2  
 ITEM NO. 60<math>D-KA <math>= 0.26700 WALL NO. 1  
 ITEM NO. 61<math>D-KP <math>= 4.4580 WALL NO. 1  
 ITEM NO. 77<math>D-PERM <math>= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO. 1<math>NAME <math>= 13.000 (BOTH WALLS)  
 ITEM NO. 2<math>NATURE <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 3<math>LEVEL <math>= -10.000 (BOTH WALLS)  
 ITEM NO. 4<math>WALL <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 5<math>GAMMAD <math>= 21.400 (BOTH WALLS)  
 ITEM NO. 6<math>GAMMAB <math>= 12.200 (BOTH WALLS)  
 ITEM NO. 7<math>GAMMAW <math>= 10.000 (BOTH WALLS)  
 ITEM NO. 8<math>U-COHE <math>= 24.000 WALL NO. 1  
 ITEM NO. 8<math>U-COHE <math>= 30.000 WALL NO. 2  
 ITEM NO. 9<math>U-FRICT <math>= 30.170 WALL NO. 1  
 ITEM NO. 9<math>U-FRICT <math>= 36.000 WALL NO. 2  
 ITEM NO. 10<math>U-KA <math>= 0.27800 WALL NO. 1  
 ITEM NO. 11<math>U-KP <math>= 4.6700 WALL NO. 1  
 ITEM NO. 12<math>K0-NC <math>= 0.76000 (BOTH WALLS)  
 ITEM NO. 13<math>NEXP <math>= 2.0000 (BOTH WALLS)  
 ITEM NO. 14<math>OCR <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 16<math>MODEL <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 17<math>EVC <math>= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18<math>EUR <math>= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27<math>U-PERM <math>= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52<math>D-NATURE<math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 53<math>D-LEVEL <math>= 0.0000 (BOTH WALLS)  
 ITEM NO. 58<math>D-COHE <math>= 24.000 WALL NO. 1  
 ITEM NO. 58<math>D-COHE <math>= 30.000 WALL NO. 2  
 ITEM NO. 59<math>D-FRICT <math>= 30.170 WALL NO. 1  
 ITEM NO. 59<math>D-FRICT <math>= 36.000 WALL NO. 2  
 ITEM NO. 60<math>D-KA <math>= 0.27700 WALL NO. 1  
 ITEM NO. 61<math>D-KP <math>= 2.7170 WALL NO. 1  
 ITEM NO. 77<math>D-PERM <math>= 0.10000E-04 (BOTH WALLS)

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 12 VALUES



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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-7.400	0.000
Z-WATER_TABLE		-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-7.400	0.000
Z-WATER_TABLE	-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.150000000000000  
FOUNDATION WIDTH (B) 25.850000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 20.000000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 3869

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.6185E-27 REMNOR= 0.000 RATIO =0.6841E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.6841E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 119 NODE 60 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.3703E-28 REMNOR=0.2301E-52 RATIO =0.1674E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1674E-16 RATIOR= 0.000  
MAX UN=0.1366E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1532E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.2561E-28 REMNOR=0.6073E-52 RATIO =0.1392E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1392E-16 RATIOR= 0.000  
MAX UN=0.6922E-15 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1265E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS











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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-3.84584E-17	3.84584E-17	2.60324E-28	7.69169E-18	
2-1.12217E-16	1.12217E-16	7.69169E-18	3.01351E-17	
3-1.82815E-16	1.82815E-16	3.01351E-17	6.66981E-17	
4-2.50244E-16	2.50244E-16	6.66981E-17	1.16747E-16	
5-3.14486E-16	3.14486E-16	1.16747E-16	1.79644E-16	
6-3.75513E-16	3.75513E-16	1.79644E-16	2.54747E-16	
7-4.33279E-16	4.33279E-16	2.54747E-16	3.41402E-16	
8-4.87721E-16	4.87721E-16	3.41402E-16	4.38947E-16	
9-6.44701E-16	6.44701E-16	4.38947E-16	5.67887E-16	
10-7.90886E-16	7.90886E-16	5.67887E-16	7.26064E-16	
11-9.25876E-16	9.25876E-16	7.26064E-16	9.11239E-16	
12-1.04917E-15	1.04917E-15	9.11239E-16	1.12107E-15	
13-1.16017E-15	1.16017E-15	1.12107E-15	1.35311E-15	
14-1.25817E-15	1.25817E-15	1.35311E-15	1.60474E-15	
15-1.34233E-15	1.34233E-15	1.60474E-15	1.87321E-15	
16-1.41171E-15	1.41171E-15	1.87321E-15	2.15555E-15	
17-1.46527E-15	1.46527E-15	2.15555E-15	2.44860E-15	
18-5.05454E-15	5.05454E-15	2.44860E-15	3.45951E-15	
19-1.52014E-15	1.52014E-15	3.45951E-15	3.76354E-15	
20-1.51885E-15	1.51885E-15	3.76354E-15	4.06731E-15	
21-1.49653E-15	1.49653E-15	4.06731E-15	4.36661E-15	
22-1.45171E-15	1.45171E-15	4.36661E-15	4.65696E-15	
23-2.16984E-15	2.16984E-15	4.65696E-15	4.22299E-15	
24-2.26424E-15	2.26424E-15	4.22299E-15	3.77014E-15	
25-2.38573E-15	2.38573E-15	3.77014E-15	3.29299E-15	
26-2.57333E-15	2.57333E-15	3.29299E-15	2.77833E-15	
27-2.79849E-15	2.79849E-15	2.77833E-15	2.21863E-15	
28-3.06295E-15	3.06295E-15	2.21863E-15	1.60604E-15	
29-1.84431E-16	1.84431E-16	1.60604E-15	1.64293E-15	
30-1.63213E-16	1.63213E-16	1.64293E-15	1.61029E-15	
31-5.54397E-16	5.54397E-16	1.61029E-15	1.49941E-15	
32-9.90119E-16	9.90119E-16	1.49941E-15	1.30138E-15	
33-1.47111E-15	1.47111E-15	1.30138E-15	1.00716E-15	
34-1.99782E-15	1.99782E-15	1.00716E-15	6.07597E-16	
35-2.57036E-15	2.57036E-15	6.07597E-16	9.35255E-17	
36-3.18848E-15	3.18848E-15	9.35255E-17	5.44167E-16	
37-3.85157E-15	3.85157E-15	5.44167E-16	1.31448E-15	
38-1.00588E-15	1.00588E-15	1.31448E-15	1.51566E-15	
39-1.75539E-15	1.75539E-15	1.51566E-15	1.86674E-15	
40-2.54545E-15	2.54545E-15	1.86674E-15	2.37583E-15	
41-3.37369E-15	3.37369E-15	2.37583E-15	3.05056E-15	
42-4.23723E-15	4.23723E-15	3.05056E-15	3.89801E-15	
43-5.13273E-15	5.13273E-15	3.89801E-15	4.92456E-15	
44-6.05632E-15	6.05632E-15	4.92456E-15	6.13581E-15	
45-7.00363E-15	7.00363E-15	6.13581E-15	7.53654E-15	
46-8.64393E-16	8.64393E-16	7.53654E-15	7.70942E-15	
47-1.84413E-15	1.84413E-15	7.70942E-15	8.07824E-15	
48-2.83162E-15	2.83162E-15	8.07824E-15	8.64457E-15	
49-3.82064E-15	3.82064E-15	8.64457E-15	9.40869E-15	
50-4.80455E-15	4.80455E-15	9.40869E-15	1.03696E-14	
51-5.77637E-15	5.77637E-15	1.03696E-14	1.15249E-14	
52-7.04126E-15	7.04126E-15	1.15249E-14	1.29331E-14	
53-1.16488E-15	1.16488E-15	1.29331E-14	1.31661E-14	
54-2.34776E-15	2.34776E-15	1.31661E-14	1.36356E-14	
55-3.47403E-15	3.47403E-15	1.36356E-14	1.43304E-14	
56-4.53323E-15	4.53323E-15	1.43304E-14	1.52371E-14	
57-5.51502E-15	5.51502E-15	1.52371E-14	1.63401E-14	
58-6.40934E-15	6.40934E-15	1.63401E-14	1.76219E-14	
59-1.01070E-16	1.01070E-16	1.76219E-14	1.76422E-14	
60-1.34189E-14	1.34189E-14	1.76422E-14	1.49584E-14	
61-1.28429E-14	1.28429E-14	1.49584E-14	1.23898E-14	
62-5.28390E-15	5.28390E-15	1.23898E-14	1.13330E-14	
63-4.95969E-15	4.95969E-15	1.13330E-14	1.03411E-14	
64-4.77071E-15	4.77071E-15	1.03411E-14	9.38693E-15	
65-4.72186E-15	4.72186E-15	9.38693E-15	8.44255E-15	
66-1.19225E-14	1.19225E-14	8.44255E-15	6.05806E-15	
67-1.21646E-14	1.21646E-14	6.05806E-15	3.62514E-15	
68-1.25557E-14	1.25557E-14	3.62514E-15	1.11400E-15	

## GENERAL CONTRACTOR

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69-5.99163E-15 5.99163E-15-1.11400E-15-8.43269E-17  
70 4.21613E-16-4.21613E-16 8.43269E-17-5.04871E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM= 9450. REMNOR=0.6073E-52 RATIO =0.3239 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.3239 RATIOR= 0.000  
MAX UN= 24.04 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
MIN UN=-18.04 IEQ= 93 NODE 47 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM= 196.5 REMNOR=0.4147E-19 RATIO =0.4672E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.4672E-01 RATIOR= 0.000  
MAX UN= 6.201 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.8284E-09 IEQ= 45 NODE 23 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM= 219.1 REMNOR=0.9294E-19 RATIO =0.4932E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.4932E-01 RATIOR= 0.000  
MAX UN= 7.459 IEQ= 45 NODE 23 DOF 1 Y-DISPL.F  
MIN UN=-.1348E-08 IEQ= 29 NODE 15 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM= 92.02 REMNOR=0.1128E-18 RATIO =0.3197E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.3197E-01 RATIOR= 0.000  
MAX UN= 7.286 IEQ= 61 NODE 31 DOF 1 Y-DISPL.F  
MIN UN=-.3540 IEQ= 115 NODE 58 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM= 2.477 REMNOR=0.1247E-18 RATIO =0.5245E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.5245E-02 RATIOR= 0.000  
MAX UN= 1.417 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
MIN UN=-.1886 IEQ= 101 NODE 51 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 6 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM=0.2312E-16 REMNOR=0.1198E-18 RATIO =0.1602E-10 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.1602E-10 RATIOR= 0.000  
MAX UN=0.1384E-08 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
MIN UN=-.2111E-08 IEQ= 33 NODE 17 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time :13 June 2018 14:05:42

New Project  
SOLUTION REACHED USING 6 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	1.3330054E-02	-1.6087014E-03	
2	1.3008314E-02	-1.6087014E-03	
3	1.2686574E-02	-1.6087014E-03	
4	1.2364833E-02	-1.6087014E-03	
5	1.2043093E-02	-1.6087014E-03	
6	1.1721353E-02	-1.6086970E-03	
7	1.1399616E-02	-1.6086700E-03	
8	1.1077889E-02	-1.6085829E-03	
9	1.0756190E-02	-1.6083787E-03	
10	1.0434548E-02	-1.6080241E-03	
11	1.0112991E-02	-1.6075179E-03	
12	9.7915512E-03	-1.6068502E-03	
13	9.4702632E-03	-1.6059966E-03	
14	9.1491675E-03	-1.6049186E-03	
15	8.8283143E-03	-1.6035628E-03	
16	8.5077655E-03	-1.6018614E-03	
17	8.1875966E-03	-1.5997322E-03	
18	7.8679060E-03	-1.5970782E-03	
19	7.5488078E-03	-1.5937881E-03	
20	7.2304416E-03	-1.5897356E-03	
21	6.9129753E-03	-1.5847802E-03	
22	6.5966016E-03	-1.5787665E-03	
23	6.2815505E-03	-1.5715246E-03	
24	5.9680860E-03	-1.5628699E-03	
25	5.6565101E-03	-1.5526032E-03	
26	5.3471664E-03	-1.5405108E-03	
27	5.0404407E-03	-1.5264166E-03	
28	4.7367440E-03	-1.5101819E-03	
29	4.4365209E-03	-1.4916530E-03	
30	4.1402470E-03	-1.4706614E-03	
31	3.8484328E-03	-1.4470232E-03	
32	3.5616289E-03	-1.4205388E-03	
33	3.2804228E-03	-1.3909931E-03	
34	3.0054510E-03	-1.3581569E-03	
35	2.7373957E-03	-1.3217849E-03	
36	2.4769901E-03	-1.2816166E-03	
37	2.2250231E-03	-1.2373569E-03	
38	1.9823480E-03	-1.1886065E-03	
39	1.7499166E-03	-1.1348144E-03	
40	1.5287684E-03	-1.0758295E-03	
41	1.3199061E-03	-1.0120260E-03	
42	1.1242474E-03	-9.4388192E-04	
43	9.4260351E-04	-8.7198482E-04	
44	7.7565677E-04	-7.9703784E-04	
45	6.2393740E-04	-7.1986666E-04	
46	4.8779560E-04	-6.4142472E-04	
47	3.6737954E-04	-5.6280244E-04	
48	2.6260444E-04	-4.8523281E-04	
49	1.7313601E-04	-4.0991925E-04	
50	9.8421278E-05	-3.3784310E-04	
51	3.7732837E-05	-2.6976172E-04	
52	-9.7886142E-06	-2.0624138E-04	
53	-4.5094794E-05	-1.4769357E-04	
54	-6.9212849E-05	-9.4375731E-05	
55	-8.3203358E-05	-4.6431971E-05	
56	-8.8146051E-05	-3.8944237E-06	
57	-8.5117180E-05	3.3302325E-05	
58	-7.5170922E-05	6.5312065E-05	
59	-5.9322614E-05	9.2367911E-05	
60	-3.8533719E-05	1.1477434E-04	
61	-1.3698231E-05	1.3290050E-04	
62	1.4369673E-05	1.4717455E-04	
63	4.4946767E-05	1.5807628E-04	
64	7.7410160E-05	1.6612764E-04	
65	1.1124236E-04	1.7184708E-04	
66	1.4602509E-04	1.7570807E-04	
67	1.8143019E-04	1.7813809E-04	
68	2.1721032E-04	1.7951793E-04	
69	2.5318959E-04	1.8018128E-04	
70	2.8925415E-04	1.8041448E-04	
71	3.2534444E-04	1.8045637E-04	



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 NewProject.BaseDesignSection\_28.A2M2R1\_3805  
 Exe Time :13 June 2018 14:05:42  
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New Project

STRESS RESULTS FOR GROUP NO. 1

0\_L  
 ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
 CURRENT TIME IS 2.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1 D	0.000	-1.3330E-02	0.000	0.000	0.000	0.000	ACTIVE	0.000	0.000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
2 D	0.000	-1.3008E-02	3.360	0.000	3.360	2.208	ACTIVE	0.000	-0.2000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
3 D	0.000	-1.2687E-02	6.724	0.000	6.724	4.410	ACTIVE	0.000	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
4 D	0.000	-1.2365E-02	10.09	0.000	10.09	6.601	ACTIVE	0.000	-0.6000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
5 D	0.1374	-1.2043E-02	13.47	0.6870	13.47	8.776	ACTIVE	0.000	-0.8000	0.000	1.000	1.000
0.6870	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
6 D	0.4415	-1.1721E-02	16.86	2.207	16.86	10.93	ACTIVE	0.000	-1.000	0.000	1.000	1.000
2.207	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
7 D	0.7466	-1.1400E-02	20.25	3.733	20.25	13.06	ACTIVE	0.000	-1.200	0.000	1.000	1.000
3.733	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
8 D	1.053	-1.1078E-02	23.66	5.264	23.66	15.17	ACTIVE	0.000	-1.400	0.000	1.000	1.000
5.264	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
9 D	0.000	-1.0756E-02	27.50	0.000	27.50	24.54	ACTIVE	0.000	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
10 D	4.1966E-02	-1.0435E-02	31.75	0.2098	31.75	28.08	ACTIVE	0.000	-1.800	0.000	1.000	1.000
0.2098	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
11 D	0.2699	-1.0113E-02	36.02	1.349	36.02	31.60	ACTIVE	0.000	-2.000	0.000	1.000	1.000
1.349	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
12 D	0.4984	-9.7916E-03	40.30	2.492	40.30	35.08	ACTIVE	0.000	-2.200	0.000	1.000	1.000
2.492	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
13 D	0.7274	-9.4703E-03	44.59	3.637	44.59	38.53	ACTIVE	0.000	-2.400	0.000	1.000	1.000
3.637	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
14 D	0.9570	-9.1492E-03	48.89	4.785	48.89	41.95	ACTIVE	0.000	-2.600	0.000	1.000	1.000
4.785	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
15 D	1.187	-8.8283E-03	53.19	5.935	53.19	45.35	ACTIVE	0.000	-2.800	0.000	1.000	1.000
5.935	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
16 D	1.417	-8.5078E-03	57.51	7.087	57.51	48.72	ACTIVE	0.000	-3.000	0.000	1.000	1.000
7.087	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
17 D	1.648	-8.1876E-03	61.83	8.241	61.83	52.07	ACTIVE	0.000	-3.200	0.000	1.000	1.000
8.241	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
18 D	1.879	-7.8679E-03	66.15	9.395	66.15	55.39	ACTIVE	0.000	-3.400	0.000	1.000	1.000
9.395	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
19 D	2.110	-7.5488E-03	70.48	10.55	70.48	58.70	ACTIVE	0.000	-3.600	0.000	1.000	1.000
10.55	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
20 D	2.341	-7.2304E-03	74.81	11.71	74.81	61.98	ACTIVE	0.000	-3.800	0.000	1.000	1.000
11.71	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
21 D	2.573	-6.9130E-03	79.14	12.86	79.14	65.25	ACTIVE	0.000	-4.000	0.000	1.000	1.000
12.86	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
22 D	2.804	-6.5966E-03	83.47	14.02	83.47	68.50	ACTIVE	0.000	-4.200	0.000	1.000	1.000
14.02	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
23 D	3.035	-6.2816E-03	87.81	15.18	87.81	71.74	ACTIVE	0.000	-4.400	0.000	1.000	1.000
15.18	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
24 D	3.267	-5.9681E-03	92.14	16.33	92.14	74.96	ACTIVE	0.000	-4.600	0.000	1.000	1.000
16.33	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
25 D	3.498	-5.6565E-03	96.46	17.49	96.46	78.18	ACTIVE	0.000	-4.800	0.000	1.000	1.000
17.49	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
26 D	2.075	-5.3472E-03	100.8	10.38	100.8	81.38	ACTIVE	0.000	-5.000	0.000	1.000	1.000
10.38	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
27 D	2.312	-5.0404E-03	105.2	11.56	105.2	84.65	ACTIVE	0.000	-5.200	0.000	1.000	1.000
11.56	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
28 D	2.548	-4.7367E-03	109.6	12.74	109.6	87.91	ACTIVE	0.000	-5.400	0.000	1.000	1.000
12.74	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
29 D	2.786	-4.4365E-03	114.1	13.93	114.1	91.17	ACTIVE	0.000	-5.600	0.000	1.000	1.000
13.93	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
30 D	3.035	-4.1402E-03	118.8	15.18	118.8	94.41	ACTIVE	0.000	-5.800	0.000	1.000	1.000
15.18	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
31 D	3.283	-3.8484E-03	123.4	16.42	123.4	97.66	ACTIVE	0.000	-6.000	0.000	1.000	1.000
16.42	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
32 D	3.509	-3.5616E-03	127.6	17.54	127.6	100.9	ACTIVE	0.000	-6.200	0.000	1.000	1.000
17.54	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 2.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



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33	0.000	--	--	--	1.000
0.000	0.000	0.000	not available	--	1.000
34	0.000	--	--	--	1.000
0.000	0.000	0.000	not available	--	1.000
35	0.000	--	--	--	1.000
0.000	0.000	0.000	not available	--	1.000
36	0.000	--	--	--	1.000
0.000	0.000	0.000	not available	--	1.000
37	0.000	--	--	--	1.000
0.000	0.000	0.000	not available	--	1.000
38	0.000	--	--	--	1.000
0.000	0.000	0.000	not available	--	1.000
39 D	17.33	1.7499E-03	4.280 86.64 89.72	86.64	1.000
86.64	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	--	1.000
40 D	21.14	1.5288E-03	8.560 105.7 92.16	105.7	1.000
105.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	--	1.000
41 D	24.96	1.3199E-03	12.84 124.8 94.60	124.8	1.000
124.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	--	1.000
42 D	28.78	1.1242E-03	17.12 143.9 97.04	143.9	1.000
143.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	--	1.000
43 D	32.59	9.4260E-04	21.40 163.0 99.48	163.0	1.000
163.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	--	1.000
44 D	36.41	7.7566E-04	25.68 182.0 101.9	182.0	1.000
182.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	--	1.000
45 D	40.23	6.2394E-04	29.96 201.1 104.4	201.1	1.000
201.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	--	1.000
46 D	44.04	4.8780E-04	34.24 220.2 106.8	220.2	1.000
220.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	--	1.000
47 D	47.86	3.6738E-04	38.52 239.3 109.2	239.3	1.000
239.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	--	1.000
48 D	45.99	2.6260E-04	42.80 230.0 111.7	230.0	1.000
230.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	V-C 9628.	1.000
49 D	43.49	1.7314E-04	47.08 217.4 114.1	218.1	1.000
217.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	UL-RL 2.4135E+04	1.000
50 D	41.39	9.8421E-05	51.36 206.9 116.6	208.4	1.000
206.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	UL-RL 2.4135E+04	1.000
51 D	39.65	3.7733E-05	55.64 198.2 119.0	200.5	1.000
198.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_	UL-RL 2.4135E+04	1.000
52 D	38.07	-9.7886E-06	59.92 190.4 121.4	194.2	1.000
190.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
53 D	36.82	-4.5095E-05	64.20 184.1 111.7	188.5	1.000
184.1	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
54 D	35.77	-6.9213E-05	68.48 178.8 126.3	183.8	1.000
178.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
55 D	34.89	-8.3203E-05	72.76 174.5 128.8	179.8	1.000
174.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
56 D	34.17	-8.8146E-05	77.04 170.8 131.2	176.4	1.000
170.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
57 D	33.56	-8.5117E-05	81.32 167.8 133.6	173.5	1.000
167.8	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
58 D	33.07	-7.5171E-05	85.60 165.3 136.1	171.1	1.000
165.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
59 D	32.67	-5.9323E-05	89.88 163.3 138.5	169.1	1.000
163.3	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
60 D	32.34	-3.8534E-05	94.16 161.7 141.0	167.4	1.000
161.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
61 D	32.09	-1.3698E-05	98.44 160.4 143.4	166.1	1.000
160.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
62 D	31.89	1.4370E-05	102.7 159.5 145.8	164.9	1.000
159.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
63 D	31.74	4.4947E-05	107.0 158.7 148.3	164.0	1.000
158.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
64 D	32.87	7.7410E-05	108.8 161.7 150.7	166.8	1.000
164.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
65 D	34.01	1.1124E-04	110.6 164.8 153.2	169.6	1.000
170.0	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
66 D	35.15	1.4603E-04	112.4 167.8 155.6	172.4	1.000
175.7	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
67 D	36.29	1.8143E-04	114.2 170.9 158.0	175.2	1.000
181.5	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
68 D	37.43	2.1721E-04	116.0 174.0 160.5	178.0	1.000
187.2	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
69 D	38.58	2.5319E-04	117.8 177.1 162.9	180.8	1.000
192.9	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
70 D	39.73	2.8925E-04	119.6 180.2 165.4	183.7	1.000
198.6	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000
71 D	20.44	3.2534E-04	121.4 183.2 167.8	186.5	1.000
204.4	0.000	0.000	sabbialimosoghiaiosa3_236_221_L_	UL-RL 3.2692E+04	1.000

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	2.89674E-10	-2.89674E-10	2.82938E-11	-1.79909E-11
2	-9.60654E-10	9.60654E-10	-4.76348E-11	-1.68029E-10
3	1.09139E-11	-1.09139E-11	7.75629E-11	-2.12310E-10
4	-3.81992E-11	3.81992E-11	2.12992E-10	-1.21531E-10
5	0.13740	-0.13740	2.48278E-10	2.74797E-02
6	0.57889	-0.57889	-2.74797E-02	0.14326
7	1.3255	-1.3255	-0.14326	0.40835
8	2.3783	-2.3783	-0.40835	0.88401
9	2.3783	-2.3783	-0.88401	1.3597
10	2.4202	-2.4202	-1.3597	1.8437
11	2.6901	-2.6901	-1.8437	2.3817
12	3.1884	-3.1884	-2.3817	3.0194
13	3.9159	-3.9159	-3.0194	3.8026
14	4.8729	-4.8729	-3.8026	4.7772
15	6.0599	-6.0599	-4.7772	5.9891
16	7.4773	-7.4773	-5.9891	7.4846
17	9.1255	-9.1255	-7.4846	9.3097
18	11.005	-11.005	-9.3097	11.511
19	13.115	-13.115	-11.511	14.134
20	15.456	-15.456	-14.134	17.225
21	18.029	-18.029	-17.225	20.830
22	20.833	-20.833	-20.830	24.997
23	23.868	-23.868	-24.997	29.771
24	27.135	-27.135	-29.771	35.198
25	30.632	-30.632	-35.198	41.324
26	32.708	-32.708	-41.324	47.866
27	35.019	-35.019	-47.866	54.869
28	37.567	-37.567	-54.869	62.383
29	40.353	-40.353	-62.383	70.453
30	43.389	-43.389	-70.453	79.131
31	46.672	-46.672	-79.131	88.465
32	50.180	-50.180	-88.465	98.501
33	53.936	-53.936	-98.501	109.29
34	57.937	-57.937	-109.29	120.88
35	62.182	-62.182	-120.88	133.31
36	67.275	-67.275	-133.31	146.77
37	74.807	-74.807	-146.77	161.73
38	84.713	-84.713	-161.73	178.67
39	79.591	-79.591	-178.67	194.59
40	72.871	-72.871	-194.59	209.16
41	64.466	-64.466	-209.16	222.06
42	54.282	-54.282	-222.06	232.91
43	42.218	-42.218	-232.91	241.36
44	28.169	-28.169	-241.36	246.99
45	12.027	-12.027	-246.99	249.40
46	-6.3208	6.3208	-249.40	248.13
47	-26.985	26.985	-248.13	242.73
48	-44.397	44.397	-242.73	233.86
49	-58.025	58.025	-233.86	222.25
50	-68.383	68.383	-222.25	208.57
51	-75.978	75.978	-208.57	193.38
52	-81.214	81.214	-193.38	177.14
53	-84.361	84.361	-177.14	160.26
54	-85.677	85.677	-160.26	143.13
55	-85.378	85.378	-143.13	126.05
56	-83.607	83.607	-126.05	109.33
57	-80.512	80.512	-109.33	93.229
58	-76.231	76.231	-93.229	77.983
59	-70.878	70.878	-77.983	63.807
60	-64.551	64.551	-63.807	50.897
61	-57.331	57.331	-50.897	39.430
62	-49.370	49.370	-39.430	29.556
63	-40.817	40.817	-29.556	21.393
64	-32.966	32.966	-21.393	14.800
65	-25.836	25.836	-14.800	9.6327
66	-19.440	19.440	-9.6327	5.7446
67	-13.788	13.788	-5.7446	2.9871
68	-8.8824	8.8824	-2.9871	1.2106

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69 -4.7279 4.7279 -1.2106 0.26506  
70 -1.3252 1.3252 -0.26506 5.93303E-13

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3739E+06 RIMNOR=0.1940E+07  
RENORM=0.2312E-16 REMNOR=0.1198E-18 RATIO =0.7863E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 85.68 RMMAX = 249.4  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
RDT =0.3739E+06 RDR =0.1940E+07  
RATIOT=0.7863E-11 RATIO= 0.000  
MAX UN=0.1384E-08 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
MIN UN=-.2111E-08 IEQ= 33 NODE 17 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3739E+06 RIMNOR=0.1940E+07  
RENORM=0.2267E-16 REMNOR=0.9013E-19 RATIO =0.7786E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 85.68 RMMAX = 249.4  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
RDT =0.3739E+06 RDR =0.1940E+07  
RATIOT=0.7786E-11 RATIO= 0.000  
MAX UN=0.1641E-08 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
MIN UN=-.1308E-08 IEQ= 33 NODE 17 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3739E+06 RIMNOR=0.1940E+07  
RENORM=0.2376E-16 REMNOR=0.9839E-19 RATIO =0.7972E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 85.68 RMMAX = 249.4  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
RDT =0.3739E+06 RDR =0.1940E+07  
RATIOT=0.7972E-11 RATIO= 0.000  
MAX UN=0.2084E-08 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
MIN UN=-.2188E-08 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time :13 June 2018 14:05:42

New Project  
SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	1.3330054E-02	-1.6087014E-03	
2	1.3008314E-02	-1.6087014E-03	
3	1.2686574E-02	-1.6087014E-03	
4	1.2364833E-02	-1.6087014E-03	
5	1.2043093E-02	-1.6087014E-03	
6	1.1721353E-02	-1.6086970E-03	
7	1.1399616E-02	-1.6086700E-03	
8	1.1077889E-02	-1.6085829E-03	
9	1.0756190E-02	-1.6083787E-03	
10	1.0434548E-02	-1.6080241E-03	
11	1.0112991E-02	-1.6075179E-03	
12	9.7915512E-03	-1.6068502E-03	
13	9.4702632E-03	-1.6059966E-03	
14	9.1491675E-03	-1.6049186E-03	
15	8.8283143E-03	-1.6035628E-03	
16	8.5077655E-03	-1.6018614E-03	
17	8.1875966E-03	-1.5997322E-03	
18	7.8679060E-03	-1.5970782E-03	
19	7.5488078E-03	-1.5937881E-03	
20	7.2304416E-03	-1.5897356E-03	
21	6.9129753E-03	-1.5847802E-03	
22	6.5966016E-03	-1.5787665E-03	
23	6.2815505E-03	-1.5715246E-03	
24	5.9680860E-03	-1.5628699E-03	
25	5.6565101E-03	-1.5526032E-03	
26	5.3471664E-03	-1.5405108E-03	
27	5.0404407E-03	-1.5264166E-03	
28	4.7367440E-03	-1.5101819E-03	
29	4.4365209E-03	-1.4916530E-03	
30	4.1402470E-03	-1.4706614E-03	
31	3.8484328E-03	-1.4470232E-03	
32	3.5616289E-03	-1.4205388E-03	
33	3.2804228E-03	-1.3909931E-03	
34	3.0054510E-03	-1.3581569E-03	
35	2.7373957E-03	-1.3217849E-03	
36	2.4769901E-03	-1.2816166E-03	
37	2.2250231E-03	-1.2373569E-03	
38	1.9823480E-03	-1.1886065E-03	
39	1.7499166E-03	-1.1348144E-03	
40	1.5287684E-03	-1.0758295E-03	
41	1.3199061E-03	-1.0120260E-03	
42	1.1242474E-03	-9.4388192E-04	
43	9.4260351E-04	-8.7198482E-04	
44	7.7565677E-04	-7.9703784E-04	
45	6.2393740E-04	-7.1986666E-04	
46	4.8779560E-04	-6.4142472E-04	
47	3.6737954E-04	-5.6280244E-04	
48	2.6260444E-04	-4.8523281E-04	
49	1.7313601E-04	-4.0991925E-04	
50	9.8421278E-05	-3.3784310E-04	
51	3.7732837E-05	-2.6976172E-04	
52	-9.7886142E-06	-2.0624138E-04	
53	-4.5094794E-05	-1.4769357E-04	
54	-6.9212849E-05	-9.4375731E-05	
55	-8.3203358E-05	-4.6431971E-05	
56	-8.8146051E-05	-3.8944237E-06	
57	-8.5117180E-05	3.3302325E-05	
58	-7.5170922E-05	6.5312065E-05	
59	-5.9322614E-05	9.2367911E-05	
60	-3.8533719E-05	1.1477434E-04	
61	-1.3698231E-05	1.3290050E-04	
62	1.4369673E-05	1.4717455E-04	
63	4.4946767E-05	1.5807628E-04	
64	7.7410160E-05	1.6612764E-04	
65	1.1124236E-04	1.7184708E-04	
66	1.4602509E-04	1.7570807E-04	
67	1.8143019E-04	1.7813809E-04	
68	2.1721032E-04	1.7951793E-04	
69	2.5318959E-04	1.8018128E-04	
70	2.8925415E-04	1.8041448E-04	
71	3.2534444E-04	1.8045637E-04	



## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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33 D	3.755	-3.2804E-03	132.3	18.78	132.3	104.1	UL-RL	3.5660E+04	-6.400	0.000	1.000	1.000
18.78	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	4.001	-3.0055E-03	136.9	20.00	136.9	107.3	UL-RL	3.5660E+04	-6.600	0.000	1.000	1.000
20.00	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	4.246	-2.7374E-03	141.4	21.23	141.4	110.6	UL-RL	3.5660E+04	-6.800	0.000	1.000	1.000
21.23	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	5.092	-2.4770E-03	146.0	25.46	146.0	113.8	UL-RL	3.5660E+04	-7.000	0.000	1.000	1.000
25.46	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	7.533	-2.2250E-03	150.2	37.66	150.2	117.0	UL-RL	3.5660E+04	-7.200	0.000	1.000	1.000
37.66	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	9.906	-1.9823E-03	154.8	49.53	154.8	120.2	UL-RL	3.5660E+04	-7.400	0.000	1.000	1.000
49.53	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	12.21	-1.7499E-03	159.3	61.03	159.3	123.4	UL-RL	3.5660E+04	-7.600	0.000	1.000	1.000
61.03	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	14.43	-1.5288E-03	163.8	72.13	163.8	126.6	UL-RL	3.5660E+04	-7.800	0.000	1.000	1.000
72.13	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	16.56	-1.3199E-03	168.0	82.78	168.0	129.8	UL-RL	3.5660E+04	-8.000	0.000	1.000	1.000
82.78	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	18.59	-1.1242E-03	172.6	92.96	172.6	133.1	UL-RL	3.5660E+04	-8.200	0.000	1.000	1.000
92.96	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	20.53	-9.4260E-04	177.1	102.6	177.1	136.3	UL-RL	3.5660E+04	-8.400	0.000	1.000	1.000
102.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	22.36	-7.7566E-04	181.6	111.8	181.6	139.5	UL-RL	3.5660E+04	-8.600	0.000	1.000	1.000
111.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	24.08	-6.2394E-04	185.8	120.4	185.8	142.7	UL-RL	3.5660E+04	-8.800	0.000	1.000	1.000
120.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	25.69	-4.8780E-04	190.2	128.5	190.2	145.9	UL-RL	3.5660E+04	-9.000	0.000	1.000	1.000
128.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	27.19	-3.6738E-04	194.7	136.0	194.7	149.1	UL-RL	3.5660E+04	-9.200	0.000	1.000	1.000
136.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	28.58	-2.6260E-04	199.2	142.9	199.2	152.3	UL-RL	3.5660E+04	-9.400	0.000	1.000	1.000
142.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	29.86	-1.7314E-04	203.7	149.3	203.7	155.5	UL-RL	3.5660E+04	-9.600	0.000	1.000	1.000
149.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	31.03	-9.8421E-05	207.9	155.2	207.9	158.7	UL-RL	3.5660E+04	-9.800	0.000	1.000	1.000
155.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	32.05	-3.7733E-05	212.3	160.3	212.3	162.0	UL-RL	3.5660E+04	-10.00	0.000	1.000	1.000
160.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	32.84	9.7886E-06	216.8	164.2	216.8	165.9	UL-RL	4.6554E+04	-10.20	0.000	1.000	1.000
164.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	33.67	4.5095E-05	221.2	168.3	221.2	169.6	UL-RL	4.6554E+04	-10.40	0.000	1.000	1.000
168.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	34.45	6.9213E-05	225.4	172.3	225.4	173.1	UL-RL	4.6554E+04	-10.60	0.000	1.000	1.000
172.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	35.19	8.3203E-05	229.8	176.0	229.8	176.4	UL-RL	4.6554E+04	-10.80	0.000	1.000	1.000
176.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	35.94	8.8146E-05	233.7	179.0	233.7	179.0	UL-RL	4.6554E+04	-11.00	0.6808	1.000	1.000
179.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	36.66	8.5117E-05	236.9	181.3	236.9	181.3	V-C	1.8621E+04	-11.20	2.042	1.000	1.000
183.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	37.35	7.5171E-05	240.1	183.4	240.1	183.4	V-C	1.8621E+04	-11.40	3.404	1.000	1.000
186.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	38.02	5.9323E-05	243.1	185.3	243.1	185.3	V-C	1.8621E+04	-11.60	4.766	1.000	1.000
190.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	38.67	3.8534E-05	246.3	187.2	246.3	187.2	V-C	1.8621E+04	-11.80	6.128	1.000	1.000
193.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	39.31	1.3698E-05	249.5	189.1	249.5	189.1	V-C	1.8621E+04	-12.00	7.489	1.000	1.000
196.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	39.85	-1.4370E-05	252.8	190.4	252.8	191.1	UL-RL	4.6554E+04	-12.20	8.851	1.000	1.000
199.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	40.30	-4.4947E-05	255.8	191.3	255.8	193.4	UL-RL	4.6554E+04	-12.40	10.21	1.000	1.000
201.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	40.72	-7.7410E-05	259.0	192.0	259.0	195.7	UL-RL	4.6554E+04	-12.60	11.57	1.000	1.000
203.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	41.14	-1.1124E-04	262.2	192.8	262.2	197.9	UL-RL	4.6554E+04	-12.80	12.94	1.000	1.000
205.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	41.54	-1.4603E-04	265.4	193.4	265.4	200.2	UL-RL	4.6554E+04	-13.00	14.30	1.000	1.000
207.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	41.94	-1.8143E-04	268.5	194.1	268.5	202.5	UL-RL	4.6554E+04	-13.20	15.66	1.000	1.000
209.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	42.34	-2.1721E-04	271.5	194.7	271.5	204.8	UL-RL	4.6554E+04	-13.40	17.02	1.000	1.000
211.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	42.73	-2.5319E-04	274.7	195.3	274.7	207.1	UL-RL	4.6554E+04	-13.60	18.38	1.000	1.000
213.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	43.13	-2.8925E-04	277.9	195.9	277.9	209.4	UL-RL	4.6554E+04	-13.80	19.74	1.000	1.000
215.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	21.76	-3.2534E-04	281.1	196.5	281.1	211.6	UL-RL	4.6554E+04	-14.00	21.11	1.000	1.000
217.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									

GENERAL CONTRACTOR

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 3.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				





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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time :13 June 2018 14:05:42  
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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.25012E-10	-1.25012E-10	1.18276E-11	-3.44571E-11
2	-1.10473E-09	1.10473E-09	-6.27288E-11	-1.81751E-10
3	3.14967E-11	-3.14967E-11	7.48185E-11	-2.05449E-10
4	3.94038E-10	-3.94038E-10	2.47297E-10	-6.93885E-11
5	0.13740	-0.13740	1.82413E-10	2.74797E-02
6	0.57889	-0.57889	-2.74797E-02	0.14326
7	1.3255	-1.3255	-0.14326	0.40835
8	2.3783	-2.3783	-0.40835	0.88401
9	2.3783	-2.3783	-0.88401	1.3597
10	2.4202	-2.4202	-1.3597	1.8437
11	2.6901	-2.6901	-1.8437	2.3817
12	3.1884	-3.1884	-2.3817	3.0194
13	3.9159	-3.9159	-3.0194	3.8026
14	4.8729	-4.8729	-3.8026	4.7772
15	6.0599	-6.0599	-4.7772	5.9891
16	7.4773	-7.4773	-5.9891	7.4846
17	9.1255	-9.1255	-7.4846	9.3097
18	11.005	-11.005	-9.3097	11.511
19	13.115	-13.115	-11.511	14.134
20	15.456	-15.456	-14.134	17.225
21	18.029	-18.029	-17.225	20.830
22	20.833	-20.833	-20.830	24.997
23	23.868	-23.868	-24.997	29.771
24	27.135	-27.135	-29.771	35.198
25	30.632	-30.632	-35.198	41.324
26	32.708	-32.708	-41.324	47.866
27	35.019	-35.019	-47.866	54.869
28	37.567	-37.567	-54.869	62.383
29	40.353	-40.353	-62.383	70.453
30	43.389	-43.389	-70.453	79.131
31	46.672	-46.672	-79.131	88.465
32	50.180	-50.180	-88.465	98.501
33	53.936	-53.936	-98.501	109.29
34	57.937	-57.937	-109.29	120.88
35	62.182	-62.182	-120.88	133.31
36	67.275	-67.275	-133.31	146.77
37	74.807	-74.807	-146.77	161.73
38	84.713	-84.713	-161.73	178.67
39	79.591	-79.591	-178.67	194.59
40	72.871	-72.871	-194.59	209.16
41	64.466	-64.466	-209.16	222.06
42	54.282	-54.282	-222.06	232.91
43	42.218	-42.218	-232.91	241.36
44	28.169	-28.169	-241.36	246.99
45	12.027	-12.027	-246.99	249.40
46	-6.3208	6.3208	-249.40	248.13
47	-26.985	26.985	-248.13	242.73
48	-44.397	44.397	-242.73	233.86
49	-58.025	58.025	-233.86	222.25
50	-68.383	68.383	-222.25	208.57
51	-75.978	75.978	-208.57	193.38
52	-81.214	81.214	-193.38	177.14
53	-84.361	84.361	-177.14	160.26
54	-85.677	85.677	-160.26	143.13
55	-85.378	85.378	-143.13	126.05
56	-83.607	83.607	-126.05	109.33
57	-80.512	80.512	-109.33	93.229
58	-76.231	76.231	-93.229	77.983
59	-70.878	70.878	-77.983	63.807
60	-64.551	64.551	-63.807	50.897
61	-57.331	57.331	-50.897	39.430
62	-49.370	49.370	-39.430	29.556
63	-40.817	40.817	-29.556	21.393
64	-32.966	32.966	-21.393	14.800
65	-25.836	25.836	-14.800	9.6327
66	-19.440	19.440	-9.6327	5.7446
67	-13.788	13.788	-5.7446	2.9871
68	-8.8824	8.8824	-2.9871	1.2106

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69	-4.7279	4.7279	-1.2106	0.26506
70	-1.3252	1.3252	-0.26506	-9.25628E-13

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NewProject.BaseDesignSection\_28.A2M2R1\_3805

Exe Time :13 June 2018 14:05:42

F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	6
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.04 [sec]

DATABASE CREATION CPU TIME..... 0.08 [sec]

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### Design Assumption : SISMICA STR - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
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```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SISMICASTR\_3835

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	71
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	142
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	159
NO. OF LONG NAMES (LASTNAME) .....	16
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 159

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -14 0 1
7 : SOIL 0_L LeftWall_32 -14 0 1 0
8 : SOIL 0_R LeftWall_32 -14 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : LDATA sabbialimosoghiaiosal_236_221_L_0 -10 LeftWall_32
31 : ATREST 0.76 2 1
32 : WEIGHT 21.4 12.2 10
33 : PERMEABILITY 1E-05
34 : RESISTANCE 30 36 0 0 0
35 : YOUNG 1E+05 2.5E+05
36 : ENDL
37 : MATERIAL Fe360_108 2.06E+08
38 : MATERIAL C2530_104 3.148E+07
39 : BEAM WallElement_33 LeftWall_32 -14 0 C2530_104 0.6225 00 00 0
40 : STRIP LeftWall_32 1 3 4.15 25.85 0 20 45
41 : STEP Stage1_31
42 : CHANGE Riporto_2_8_L_0 U-FRICT=23 LeftWall_32
43 : CHANGE Riporto_2_8_L_0 D-FRICT=23 LeftWall_32
44 : CHANGE Riporto_2_8_L_0 U-KA=0.376 LeftWall_32
45 : CHANGE Riporto_2_8_L_0 U-KP=3.039 LeftWall_32
46 : CHANGE Riporto_2_8_L_0 D-KA=0.376 LeftWall_32
47 : CHANGE Riporto_2_8_L_0 D-KP=3.039 LeftWall_32
48 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-FRICT=37 LeftWall_32
49 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-FRICT=37 LeftWall_32
50 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KA=0.205 LeftWall_32
51 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KP=7.519 LeftWall_32
52 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KA=0.205 LeftWall_32
53 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KP=7.519 LeftWall_32
54 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-FRICT=37 LeftWall_32
55 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-FRICT=37 LeftWall_32
56 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KA=0.205 LeftWall_32
57 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KP=7.519 LeftWall_32
58 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KA=0.205 LeftWall_32
59 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KP=7.519 LeftWall_32
60 : CHANGE sabbialimosoghiaiosal_236_221_L_0 U-FRICT=36 LeftWall_32
61 : CHANGE sabbialimosoghiaiosal_236_221_L_0 D-FRICT=36 LeftWall_32
62 : CHANGE sabbialimosoghiaiosal_236_221_L_0 U-KA=0.215 LeftWall_32
63 : CHANGE sabbialimosoghiaiosal_236_221_L_0 U-KP=6.978 LeftWall_32
64 : CHANGE sabbialimosoghiaiosal_236_221_L_0 D-KA=0.215 LeftWall_32
65 : CHANGE sabbialimosoghiaiosal_236_221_L_0 D-KP=6.978 LeftWall_32
66 : CHANGE Riporto_2_8_L_0 U-COHE=5 LeftWall_32
67 : CHANGE Riporto_2_8_L_0 U-ADHES=0 LeftWall_32
68 : CHANGE Riporto_2_8_L_0 D-COHE=5 LeftWall_32
69 : CHANGE Riporto_2_8_L_0 D-ADHES=0 LeftWall_32
70 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-COHE=10 LeftWall_32
71 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-ADHES=0 LeftWall_32
72 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-COHE=10 LeftWall_32
73 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-ADHES=0 LeftWall_32
74 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-COHE=20 LeftWall_32
75 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-ADHES=0 LeftWall_32
76 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-COHE=20 LeftWall_32
77 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-ADHES=0 LeftWall_32

```

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78 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-COHE=30 LeftWall\_32  
79 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
80 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-COHE=30 LeftWall\_32  
81 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
82 : SETWALL LeftWall\_32  
83 : GEOM 0 0  
84 : WATER -0.5 0 -14 0 0  
85 : ADD WallElement\_33  
86 : ENDSTEP  
87 : STEP Stage2\_446  
88 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=6.676 LeftWall\_32  
89 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KA=0.214 LeftWall\_32  
90 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KP=3.893 LeftWall\_32  
91 : SETWALL LeftWall\_32  
92 : GEOM 0 -7.4  
93 : WATER -10.9 1.5 -14 0 0  
94 : ENDSTEP  
95 : STEP Stage3\_549  
96 : SETWALL LeftWall\_32  
97 : GEOM 0 -7.4  
98 : WATER -10.9 1.5 -14 0 0  
99 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.427 LeftWall\_32  
100 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.489 LeftWall\_32  
101 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.888 LeftWall\_32  
102 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.703 LeftWall\_32  
103 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.427 LeftWall\_32  
104 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.489 LeftWall\_32  
105 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.888 LeftWall\_32  
106 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.703 LeftWall\_32  
107 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KAED=0.241 LeftWall\_32  
108 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KAEW=0.271 LeftWall\_32  
109 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KPED=7.242 LeftWall\_32  
110 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KPEW=6.997 LeftWall\_32  
111 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KAED=0.241 LeftWall\_32  
112 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KAEW=0.271 LeftWall\_32  
113 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KPED=7.242 LeftWall\_32  
114 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KPEW=6.997 LeftWall\_32  
115 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAED=0.241 LeftWall\_32  
116 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAEW=0.271 LeftWall\_32  
117 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPED=7.242 LeftWall\_32  
118 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPEW=7.003 LeftWall\_32  
119 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAED=0.241 LeftWall\_32  
120 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAEW=0.271 LeftWall\_32  
121 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPED=6.385 LeftWall\_32  
122 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPEW=6.138 LeftWall\_32  
123 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KAED=0.251 LeftWall\_32  
124 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KAEW=0.282 LeftWall\_32  
125 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPED=6.715 LeftWall\_32  
126 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPEW=6.488 LeftWall\_32  
127 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAED=0.25 LeftWall\_32  
128 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAEW=0.281 LeftWall\_32  
129 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPED=3.598 LeftWall\_32  
130 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPEW=3.354 LeftWall\_32  
131 : EQK USER 0.0676 0 0 0 0.66 0 0.66 1 0  
132 : DLOAD step LeftWall\_32 -7.4 3.795 0 3.795  
133 : DLOAD step LeftWall\_32 -7.4 0.8495 0 0.8495  
134 : DLOAD step LeftWall\_32 -11.1 1.134 -10.9 0  
135 : DLOAD step LeftWall\_32 -11.3 1.603 -11.1 1.134  
136 : DLOAD step LeftWall\_32 -11.5 1.963 -11.3 1.603  
137 : DLOAD step LeftWall\_32 -11.7 2.267 -11.5 1.963  
138 : DLOAD step LeftWall\_32 -11.9 2.535 -11.7 2.267  
139 : DLOAD step LeftWall\_32 -12.1 2.777 -11.9 2.535  
140 : DLOAD step LeftWall\_32 -12.3 2.999 -12.1 2.777  
141 : DLOAD step LeftWall\_32 -12.5 3.206 -12.3 2.999  
142 : DLOAD step LeftWall\_32 -12.7 3.401 -12.5 3.206  
143 : DLOAD step LeftWall\_32 -12.9 3.584 -12.7 3.401  
144 : DLOAD step LeftWall\_32 -13.1 3.759 -12.9 3.584  
145 : DLOAD step LeftWall\_32 -13.3 3.927 -13.1 3.759  
146 : DLOAD step LeftWall\_32 -13.5 4.087 -13.3 3.927  
147 : DLOAD step LeftWall\_32 -13.7 4.241 -13.5 4.087  
148 : DLOAD step LeftWall\_32 -13.9 4.39 -13.7 4.241  
149 : DLOAD step LeftWall\_32 -14 4.463 -13.9 4.39  
150 : DLOAD step LeftWall\_32 -12.6 0.8143 -12.4 0  
151 : DLOAD step LeftWall\_32 -12.8 1.152 -12.6 0.8143  
152 : DLOAD step LeftWall\_32 -13 1.41 -12.8 1.152  
153 : DLOAD step LeftWall\_32 -13.2 1.629 -13 1.41  
154 : DLOAD step LeftWall\_32 -13.4 1.821 -13.2 1.629  
155 : DLOAD step LeftWall\_32 -13.6 1.995 -13.4 1.821  
156 : DLOAD step LeftWall\_32 -13.8 2.155 -13.6 1.995  
157 : DLOAD step LeftWall\_32 -14 2.303 -13.8 2.155  
158 : DLOAD step LeftWall\_32 -14 2.303 -14 2.303  
159 : ENDSTEP

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Exe Time :13 June 2018 14:05:42

N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /				
1	0.0000	0.0000	/	2	0.0000	-0.20000	/	3	0.0000	-0.40000	/	4	0.0000	-0.60000	/
5	0.0000	-0.80000	/	6	0.0000	-1.0000	/	7	0.0000	-1.2000	/	8	0.0000	-1.4000	/
9	0.0000	-1.6000	/	10	0.0000	-1.8000	/	11	0.0000	-2.0000	/	12	0.0000	-2.2000	/
13	0.0000	-2.4000	/	14	0.0000	-2.6000	/	15	0.0000	-2.8000	/	16	0.0000	-3.0000	/
17	0.0000	-3.2000	/	18	0.0000	-3.4000	/	19	0.0000	-3.6000	/	20	0.0000	-3.8000	/
21	0.0000	-4.0000	/	22	0.0000	-4.2000	/	23	0.0000	-4.4000	/	24	0.0000	-4.6000	/
25	0.0000	-4.8000	/	26	0.0000	-5.0000	/	27	0.0000	-5.2000	/	28	0.0000	-5.4000	/
29	0.0000	-5.6000	/	30	0.0000	-5.8000	/	31	0.0000	-6.0000	/	32	0.0000	-6.2000	/
33	0.0000	-6.4000	/	34	0.0000	-6.6000	/	35	0.0000	-6.8000	/	36	0.0000	-7.0000	/
37	0.0000	-7.2000	/	38	0.0000	-7.4000	/	39	0.0000	-7.6000	/	40	0.0000	-7.8000	/
41	0.0000	-8.0000	/	42	0.0000	-8.2000	/	43	0.0000	-8.4000	/	44	0.0000	-8.6000	/
45	0.0000	-8.8000	/	46	0.0000	-9.0000	/	47	0.0000	-9.2000	/	48	0.0000	-9.4000	/
49	0.0000	-9.6000	/	50	0.0000	-9.8000	/	51	0.0000	-10.0000	/	52	0.0000	-10.2000	/
53	0.0000	-10.4000	/	54	0.0000	-10.6000	/	55	0.0000	-10.8000	/	56	0.0000	-11.0000	/
57	0.0000	-11.2000	/	58	0.0000	-11.4000	/	59	0.0000	-11.6000	/	60	0.0000	-11.8000	/
61	0.0000	-12.0000	/	62	0.0000	-12.2000	/	63	0.0000	-12.4000	/	64	0.0000	-12.6000	/
65	0.0000	-12.8000	/	66	0.0000	-13.0000	/	67	0.0000	-13.2000	/	68	0.0000	-13.4000	/
69	0.0000	-13.6000	/	70	0.0000	-13.8000	/	71	0.0000	-14.0000	/				





```

+-----+
|          PARATIEPLUS(TM)  NLS ENGINE RELEASE  2018.0  FULL VERSION  *Build date:Nov 13, 2017* |
+-----+
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|          Exe Time :13 June 2018      14:05:42 |
+-----+
    
```

ELEMENT GROUP NO. 1

0\_L :  
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....  
 .....2D PLASTIC SOIL .....  
 .....

element group behaviour throughout stage analysis

stage status  
 -----  
 1 active  
 2 active  
 3 active

material set no. 1  
 prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 1.00000

material set no. 2  
 prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 2.00000

material set no. 3  
 prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 3.00000

material set no. 4  
 prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 4.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000

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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000

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```

ELEMENT GROUP NO. 2

```

0_R
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage  status
-----

```

```

1  active
2  active
3  active

```

material set no. 1

```

prop( 1) angle          180.000
prop( 2) layer as foreseen 1.00000

```

material set no. 2

```

prop( 1) angle          180.000
prop( 2) layer as foreseen 2.00000

```

material set no. 3

```

prop( 1) angle          180.000
prop( 2) layer as foreseen 3.00000

```

material set no. 4

```

prop( 1) angle          180.000
prop( 2) layer as foreseen 4.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000

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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time :13 June 2018 14:05:42

ELEMENT GROUP NO. 3

WallElement\_33  
2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1  
step inertia multiplier

-----  
1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -7.400 PRESSURE 3.795  
Z-COORD 0.000 PRESSURE 3.795



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L.CURVE 3

NO. OF GENERATED NODAL FORCES 38

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
38	-.7400E+01	0.3795057E+00 /	37	-.7200E+01	0.7589981E+00 /	36	-.7000E+01	0.7589981E+00 /
35	-.6800E+01	0.7590000E+00 /	34	-.6600E+01	0.7590000E+00 /	33	-.6400E+01	0.7590000E+00 /
32	-.6200E+01	0.7589981E+00 /	31	-.6000E+01	0.7589981E+00 /	30	-.5800E+01	0.7590000E+00 /
29	-.5600E+01	0.7590000E+00 /	28	-.5400E+01	0.7590000E+00 /	27	-.5200E+01	0.7589981E+00 /
26	-.5000E+01	0.7589981E+00 /	25	-.4800E+01	0.7590000E+00 /	24	-.4600E+01	0.7590000E+00 /
23	-.4400E+01	0.7590000E+00 /	22	-.4200E+01	0.7590000E+00 /	21	-.4000E+01	0.7589981E+00 /
20	-.3800E+01	0.7589981E+00 /	19	-.3600E+01	0.7590000E+00 /	18	-.3400E+01	0.7590000E+00 /
17	-.3200E+01	0.7590019E+00 /	16	-.3000E+01	0.7590019E+00 /	15	-.2800E+01	0.7590000E+00 /
14	-.2600E+01	0.7590000E+00 /	13	-.2400E+01	0.7590000E+00 /	12	-.2200E+01	0.7590000E+00 /
11	-.2000E+01	0.7590000E+00 /	10	-.1800E+01	0.7590000E+00 /	9	-.1600E+01	0.7590000E+00 /
8	-.1400E+01	0.7590000E+00 /	7	-.1200E+01	0.7590000E+00 /	6	-.1000E+01	0.7590000E+00 /
5	-.8000E+00	0.7590000E+00 /	4	-.6000E+00	0.7590000E+00 /	3	-.4000E+00	0.7590000E+00 /
2	-.2000E+00	0.7590000E+00 /	1	0.0000E+00	0.3795000E+00 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 28.083

PROCESSING DISTRIBUTED LOADS CARD NO. 2

AT Y-COORD 0.000 Z-COORD -7.400 PRESSURE 0.8495

Z-COORD 0.000 PRESSURE 0.8495

L.CURVE 3

NO. OF GENERATED NODAL FORCES 38

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
38	-.7400E+01	0.8495127E-01 /	37	-.7200E+01	0.1698996E+00 /	36	-.7000E+01	0.1698996E+00 /
35	-.6800E+01	0.1699000E+00 /	34	-.6600E+01	0.1699000E+00 /	33	-.6400E+01	0.1699000E+00 /
32	-.6200E+01	0.1698996E+00 /	31	-.6000E+01	0.1698996E+00 /	30	-.5800E+01	0.1699000E+00 /
29	-.5600E+01	0.1699000E+00 /	28	-.5400E+01	0.1699000E+00 /	27	-.5200E+01	0.1698996E+00 /
26	-.5000E+01	0.1698996E+00 /	25	-.4800E+01	0.1699000E+00 /	24	-.4600E+01	0.1699000E+00 /
23	-.4400E+01	0.1699000E+00 /	22	-.4200E+01	0.1699000E+00 /	21	-.4000E+01	0.1698996E+00 /
20	-.3800E+01	0.1698996E+00 /	19	-.3600E+01	0.1699000E+00 /	18	-.3400E+01	0.1699000E+00 /
17	-.3200E+01	0.1699004E+00 /	16	-.3000E+01	0.1699004E+00 /	15	-.2800E+01	0.1699000E+00 /
14	-.2600E+01	0.1699000E+00 /	13	-.2400E+01	0.1699000E+00 /	12	-.2200E+01	0.1699000E+00 /
11	-.2000E+01	0.1699000E+00 /	10	-.1800E+01	0.1699000E+00 /	9	-.1600E+01	0.1699000E+00 /
8	-.1400E+01	0.1699000E+00 /	7	-.1200E+01	0.1699000E+00 /	6	-.1000E+01	0.1699000E+00 /
5	-.8000E+00	0.1699000E+00 /	4	-.6000E+00	0.1699000E+00 /	3	-.4000E+00	0.1699000E+00 /
2	-.2000E+00	0.1699000E+00 /	1	0.0000E+00	0.8495000E-01 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 6.2863

PROCESSING DISTRIBUTED LOADS CARD NO. 3

AT Y-COORD 0.000 Z-COORD -11.10 PRESSURE 1.134

Z-COORD -10.90 PRESSURE 0.000

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
56	-.1100E+02	0.1134000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.11340

PROCESSING DISTRIBUTED LOADS CARD NO. 4

AT Y-COORD 0.000 Z-COORD -11.30 PRESSURE 1.603

Z-COORD -11.10 PRESSURE 1.134

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
57	-.1120E+02	0.2737000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.27370

PROCESSING DISTRIBUTED LOADS CARD NO. 5

AT Y-COORD 0.000 Z-COORD -11.50 PRESSURE 1.963

Z-COORD -11.30 PRESSURE 1.603

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
58	-.1140E+02	0.3566000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.35660

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PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -11.70 PRESSURE 2.267  
 Z-COORD -11.50 PRESSURE 1.963  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 59 -.1160E+02 0.4230000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.42300

PROCESSING DISTRIBUTED LOADS CARD NO. 7  
 AT Y-COORD 0.000 Z-COORD -11.90 PRESSURE 2.535  
 Z-COORD -11.70 PRESSURE 2.267  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 60 -.1180E+02 0.4802000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.48020

PROCESSING DISTRIBUTED LOADS CARD NO. 8  
 AT Y-COORD 0.000 Z-COORD -12.10 PRESSURE 2.777  
 Z-COORD -11.90 PRESSURE 2.535  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 61 -.1200E+02 0.5312000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.53120

PROCESSING DISTRIBUTED LOADS CARD NO. 9  
 AT Y-COORD 0.000 Z-COORD -12.30 PRESSURE 2.999  
 Z-COORD -12.10 PRESSURE 2.777  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 62 -.1220E+02 0.5776000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.57760

PROCESSING DISTRIBUTED LOADS CARD NO. 10  
 AT Y-COORD 0.000 Z-COORD -12.50 PRESSURE 3.206  
 Z-COORD -12.30 PRESSURE 2.999  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 63 -.1240E+02 0.6205000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.62050

PROCESSING DISTRIBUTED LOADS CARD NO. 11  
 AT Y-COORD 0.000 Z-COORD -12.70 PRESSURE 3.401  
 Z-COORD -12.50 PRESSURE 3.206  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 64 -.1260E+02 0.6607000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.66070

PROCESSING DISTRIBUTED LOADS CARD NO. 12  
 AT Y-COORD 0.000 Z-COORD -12.90 PRESSURE 3.584  
 Z-COORD -12.70 PRESSURE 3.401  
 L.CURVE 3

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NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
65	-.1280E+02	0.6985000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.69850		
PROCESSING DISTRIBUTED LOADS CARD NO.	13					
AT Y-COORD	0.000	Z-COORD -13.10	PRESSURE 3.759			
		Z-COORD -12.90	PRESSURE 3.584			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
66	-.1300E+02	0.7343000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.73430		
PROCESSING DISTRIBUTED LOADS CARD NO.	14					
AT Y-COORD	0.000	Z-COORD -13.30	PRESSURE 3.927			
		Z-COORD -13.10	PRESSURE 3.759			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
67	-.1320E+02	0.7686000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.76860		
PROCESSING DISTRIBUTED LOADS CARD NO.	15					
AT Y-COORD	0.000	Z-COORD -13.50	PRESSURE 4.087			
		Z-COORD -13.30	PRESSURE 3.927			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
68	-.1340E+02	0.8014000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.80140		
PROCESSING DISTRIBUTED LOADS CARD NO.	16					
AT Y-COORD	0.000	Z-COORD -13.70	PRESSURE 4.241			
		Z-COORD -13.50	PRESSURE 4.087			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
69	-.1360E+02	0.8328000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.83280		
PROCESSING DISTRIBUTED LOADS CARD NO.	17					
AT Y-COORD	0.000	Z-COORD -13.90	PRESSURE 4.390			
		Z-COORD -13.70	PRESSURE 4.241			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
70	-.1380E+02	0.8631000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.86310		
PROCESSING DISTRIBUTED LOADS CARD NO.	18					
AT Y-COORD	0.000	Z-COORD -14.00	PRESSURE 4.463			
		Z-COORD -13.90	PRESSURE 4.390			
L.CURVE	3					
NO. OF GENERATED NODAL FORCES	1					
NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE / NODE	Z-LVL	FORCE /
71	-.1400E+02	0.4426500E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.44265		

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PROCESSING DISTRIBUTED LOADS CARD NO. 19  
AT Y-COORD 0.000 Z-COORD -12.60 PRESSURE 0.8143  
Z-COORD -12.40 PRESSURE 0.000  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
64 -.1260E+02 0.8143000E-01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.81430E-01

PROCESSING DISTRIBUTED LOADS CARD NO. 20  
AT Y-COORD 0.000 Z-COORD -12.80 PRESSURE 1.152  
Z-COORD -12.60 PRESSURE 0.8143  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
65 -.1280E+02 0.1966300E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.19663

PROCESSING DISTRIBUTED LOADS CARD NO. 21  
AT Y-COORD 0.000 Z-COORD -13.00 PRESSURE 1.410  
Z-COORD -12.80 PRESSURE 1.152  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
66 -.1300E+02 0.2562000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.25620

PROCESSING DISTRIBUTED LOADS CARD NO. 22  
AT Y-COORD 0.000 Z-COORD -13.20 PRESSURE 1.629  
Z-COORD -13.00 PRESSURE 1.410  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
67 -.1320E+02 0.3039000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.30390

PROCESSING DISTRIBUTED LOADS CARD NO. 23  
AT Y-COORD 0.000 Z-COORD -13.40 PRESSURE 1.821  
Z-COORD -13.20 PRESSURE 1.629  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
68 -.1340E+02 0.3450000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.34500

PROCESSING DISTRIBUTED LOADS CARD NO. 24  
AT Y-COORD 0.000 Z-COORD -13.60 PRESSURE 1.995  
Z-COORD -13.40 PRESSURE 1.821  
L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
69 -.1360E+02 0.3816000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.38160

PROCESSING DISTRIBUTED LOADS CARD NO. 25  
AT Y-COORD 0.000 Z-COORD -13.80 PRESSURE 2.155  
Z-COORD -13.60 PRESSURE 1.995

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L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
70	-.1380E+02		0.4150000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.41500			

PROCESSING DISTRIBUTED LOADS CARD NO. 26  
 AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 2.303  
 Z-COORD -13.80 PRESSURE 2.155

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
71	-.1400E+02		0.4458000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.44580			

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 27  
 AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 2.303  
 Z-COORD -14.00 PRESSURE 2.303

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
71	-.1400E+02		0.4458000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.44580			

NO. OF DISTRIBUTED LOAD CARDS 27

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Exe Time :13 June 2018 14:05:42

L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 46.418903  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	



## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

## GENERAL CONTRACTOR



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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 6.6760 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 13.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -10.000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.21500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 6.9780 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 0.10000E+06 (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.25000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 30.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 36.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.21400 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.8930 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.42700 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.48900 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 2.8880 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 2.7030 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)

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ITEM NO.	59	D-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.37600	WALL NO.	1
ITEM NO.	61	D-KP	3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.42700	WALL NO.	1
ITEM NO.	96	D-KAEW	0.48900	WALL NO.	1
ITEM NO.	97	D-KPED	2.8880	WALL NO.	1
ITEM NO.	98	D-KPEW	2.7030	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.24100	WALL NO.	1
ITEM NO.	46	U-KAEW	0.27100	WALL NO.	1
ITEM NO.	47	U-KPED	7.2420	WALL NO.	1
ITEM NO.	48	U-KPEW	6.9970	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.24100	WALL NO.	1
ITEM NO.	96	D-KAEW	0.27100	WALL NO.	1
ITEM NO.	97	D-KPED	7.2420	WALL NO.	1
ITEM NO.	98	D-KPEW	6.9970	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1	NAME	12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.24100	WALL NO.	1
ITEM NO.	46	U-KAEW	0.27100	WALL NO.	1
ITEM NO.	47	U-KPED	7.2420	WALL NO.	1
ITEM NO.	48	U-KPEW	7.0030	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	6.6760	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.24100	WALL NO.	1
ITEM NO.	96	D-KAEW	0.27100	WALL NO.	1
ITEM NO.	97	D-KPED	6.3850	WALL NO.	1
ITEM NO.	98	D-KPEW	6.1380	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	

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ITEM NO.	8	U-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.21500	WALL NO.	1
ITEM NO.	11	U-KP	= 6.9780	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	= 0.25100	WALL NO.	1
ITEM NO.	46	U-KAEW	= 0.28200	WALL NO.	1
ITEM NO.	47	U-KPED	= 6.7150	WALL NO.	1
ITEM NO.	48	U-KPEW	= 6.4880	WALL NO.	1
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 30.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 36.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.21400	WALL NO.	1
ITEM NO.	61	D-KP	= 3.8930	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	= 0.25000	WALL NO.	1
ITEM NO.	96	D-KAEW	= 0.28100	WALL NO.	1
ITEM NO.	97	D-KPED	= 3.5980	WALL NO.	1
ITEM NO.	98	D-KPEW	= 3.3540	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 12 VALUES

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION *Build date:Nov 13, 2017*
NewProject.BaseDesignSection_28.SISMICASTR_3835
Exe Time :13 June 2018 14:05:42
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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 1			

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-7.400	0.000
Z-WATER_TABLE		-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 2			

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-7.400	0.000
Z-WATER_TABLE	-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6760E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.150000000000000  
FOUNDATION WIDTH (B) 25.850000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 20.000000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 3869

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.6185E-27 REMNOR= 0.000 RATIO =0.6841E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.6841E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 119 NODE 60 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.3747E-28 REMNOR=0.1421E-52 RATIO =0.1684E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1684E-16 RATIOR= 0.000  
MAX UN=0.1387E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1539E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.2597E-28 REMNOR=0.6837E-52 RATIO =0.1402E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1402E-16 RATIOR= 0.000  
MAX UN=0.7118E-15 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1275E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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33 D	24.53	-3.5266E-20	75.08 63.67 75.08	63.67	V-C 4.0065E+04 -6.400 59.00 1.000 1.000
122.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
34 D	25.30	-3.9258E-20	77.52 65.50 77.52	65.50	V-C 4.0065E+04 -6.600 61.00 1.000 1.000
126.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
35 D	26.06	-4.3315E-20	79.96 67.32 79.96	67.32	V-C 4.0065E+04 -6.800 63.00 1.000 1.000
130.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
36 D	26.83	-4.7413E-20	82.40 69.14 82.40	69.14	V-C 4.0065E+04 -7.000 65.00 1.000 1.000
134.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
37 D	27.59	-5.1521E-20	84.84 70.96 84.84	70.96	V-C 4.0065E+04 -7.200 67.00 1.000 1.000
138.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
38 D	28.36	-5.5597E-20	87.28 72.78 87.28	72.78	V-C 4.0065E+04 -7.400 69.00 1.000 1.000
141.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
39 D	29.12	-5.9603E-20	89.72 74.59 89.72	74.59	V-C 4.0065E+04 -7.600 71.00 1.000 1.000
145.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
40 D	29.88	-6.3519E-20	92.16 76.40 92.16	76.40	V-C 4.0065E+04 -7.800 73.00 1.000 1.000
149.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
41 D	30.64	-6.7324E-20	94.60 78.21 94.60	78.21	V-C 4.0065E+04 -8.000 75.00 1.000 1.000
153.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
42 D	31.40	-7.0986E-20	97.04 80.01 97.04	80.01	V-C 4.0065E+04 -8.200 77.00 1.000 1.000
157.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
43 D	32.16	-7.4463E-20	99.48 81.82 99.48	81.82	V-C 4.0065E+04 -8.400 79.00 1.000 1.000
160.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
44 D	32.93	-7.7703E-20	101.9 83.63 101.9	83.63	V-C 4.0065E+04 -8.600 81.00 1.000 1.000
164.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
45 D	33.69	-8.0641E-20	104.4 85.43 104.4	85.43	V-C 4.0065E+04 -8.800 83.00 1.000 1.000
168.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
46 D	34.45	-8.3202E-20	106.8 87.23 106.8	87.23	V-C 4.0065E+04 -9.000 85.00 1.000 1.000
172.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
47 D	35.21	-8.5312E-20	109.2 89.03 109.2	89.03	V-C 4.0065E+04 -9.200 87.00 1.000 1.000
176.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
48 D	35.97	-8.6947E-20	111.7 90.83 111.7	90.83	V-C 4.0065E+04 -9.400 89.00 1.000 1.000
179.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
49 D	36.73	-8.8083E-20	114.1 92.63 114.1	92.63	V-C 4.0065E+04 -9.600 91.00 1.000 1.000
183.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
50 D	37.49	-8.8685E-20	116.6 94.43 116.6	94.43	V-C 4.0065E+04 -9.800 93.00 1.000 1.000
187.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
51 D	38.25	-8.8704E-20	119.0 96.23 119.0	96.23	V-C 4.0065E+04 -10.00 95.00 1.000 1.000
191.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_		
52 D	39.01	-8.8080E-20	121.4 98.03 121.4	98.03	V-C 5.4592E+04 -10.20 97.00 1.000 1.000
195.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
53 D	39.77	-8.6740E-20	123.9 99.83 123.9	99.83	V-C 5.4592E+04 -10.40 99.00 1.000 1.000
198.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
54 D	40.53	-8.4609E-20	126.3 101.6 126.3	101.6	V-C 5.4592E+04 -10.60 101.00 1.000 1.000
202.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
55 D	41.28	-8.1657E-20	128.8 103.4 128.8	103.4	V-C 5.4592E+04 -10.80 103.00 1.000 1.000
206.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
56 D	42.04	-7.7855E-20	131.2 105.2 131.2	105.2	V-C 5.4592E+04 -11.00 105.00 1.000 1.000
210.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
57 D	42.80	-7.3157E-20	133.6 107.0 133.6	107.0	V-C 5.4592E+04 -11.20 107.00 1.000 1.000
214.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
58 D	43.56	-6.7506E-20	136.1 108.8 136.1	108.8	V-C 5.4592E+04 -11.40 109.00 1.000 1.000
217.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
59 D	44.32	-6.0832E-20	138.5 110.6 138.5	110.6	V-C 5.4592E+04 -11.60 111.00 1.000 1.000
221.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
60 D	45.08	-5.3067E-20	141.0 112.4 141.0	112.4	V-C 5.4592E+04 -11.80 113.00 1.000 1.000
225.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
61 D	45.84	-4.4226E-20	143.4 114.2 143.4	114.2	V-C 5.4592E+04 -12.00 115.00 1.000 1.000
229.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
62 D	46.60	-3.4446E-20	145.8 116.0 145.8	116.0	V-C 5.4592E+04 -12.20 117.00 1.000 1.000
233.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
63 D	47.36	-2.3874E-20	148.3 117.8 148.3	117.8	V-C 5.4592E+04 -12.40 119.00 1.000 1.000
236.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
64 D	48.12	-1.2591E-20	150.7 119.6 150.7	119.6	V-C 5.4592E+04 -12.60 121.00 1.000 1.000
240.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
65 D	48.88	-6.5915E-22	153.2 121.4 153.2	121.4	V-C 5.4592E+04 -12.80 123.00 1.000 1.000
244.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
66 D	49.64	1.1862E-20	155.6 123.2 155.6	123.2	V-C 5.4592E+04 -13.00 125.00 1.000 1.000
248.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
67 D	50.40	2.4900E-20	158.0 125.0 158.0	125.0	V-C 5.4592E+04 -13.20 127.00 1.000 1.000
252.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
68 D	51.16	3.8317E-20	160.5 126.8 160.5	126.8	V-C 5.4592E+04 -13.40 129.00 1.000 1.000
255.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
69 D	51.92	5.1962E-20	162.9 128.6 162.9	128.6	V-C 5.4592E+04 -13.60 131.00 1.000 1.000
259.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
70 D	52.68	6.5691E-20	165.4 130.4 165.4	130.4	V-C 5.4592E+04 -13.80 133.00 1.000 1.000
263.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_		
71 D	26.72	7.9428E-20	167.8 132.2 167.8	132.2	V-C 5.4592E+04 -14.00 135.00 1.000 1.000
267.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_		

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-3.65618E-17	3.65618E-17	8.83524E-29	7.31236E-18	
2-1.06776E-16	1.06776E-16	7.31236E-18	2.86676E-17	
3-1.74079E-16	1.74079E-16	2.86676E-17	6.34835E-17	
4-2.38463E-16	2.38463E-16	6.34835E-17	1.11176E-16	
5-2.99910E-16	2.99910E-16	1.11176E-16	1.71158E-16	
6-3.58391E-16	3.58391E-16	1.71158E-16	2.42836E-16	
7-4.13865E-16	4.13865E-16	2.42836E-16	3.25609E-16	
8-4.66269E-16	4.66269E-16	3.25609E-16	4.18863E-16	
9-6.22806E-16	6.22806E-16	4.18863E-16	5.43424E-16	
10-7.69015E-16	7.69015E-16	5.43424E-16	6.97227E-16	
11-9.04489E-16	9.04489E-16	6.97227E-16	8.78125E-16	
12-1.02873E-15	1.02873E-15	8.78125E-16	1.08387E-15	
13-1.14112E-15	1.14112E-15	1.08387E-15	1.31209E-15	
14-1.24095E-15	1.24095E-15	1.31209E-15	1.56028E-15	
15-1.32736E-15	1.32736E-15	1.56028E-15	1.82576E-15	
16-1.39941E-15	1.39941E-15	1.82576E-15	2.10564E-15	
17-1.45602E-15	1.45602E-15	2.10564E-15	2.39685E-15	
18-5.04871E-15	5.04871E-15	2.39685E-15	3.40659E-15	
19-1.51804E-15	1.51804E-15	3.40659E-15	3.71020E-15	
20-1.52078E-15	1.52078E-15	3.71020E-15	4.01435E-15	
21-1.50275E-15	1.50275E-15	4.01435E-15	4.31490E-15	
22-1.46243E-15	1.46243E-15	4.31490E-15	4.60739E-15	
23-2.15448E-15	2.15448E-15	4.60739E-15	4.17649E-15	
24-2.24411E-15	2.24411E-15	4.17649E-15	3.72767E-15	
25-2.36078E-15	2.36078E-15	3.72767E-15	3.25551E-15	
26-2.54237E-15	2.54237E-15	3.25551E-15	2.74704E-15	
27-2.76160E-15	2.76160E-15	2.74704E-15	2.19472E-15	
28-3.02027E-15	3.02027E-15	2.19472E-15	1.59067E-15	
29-2.32657E-16	2.32657E-16	1.59067E-15	1.63720E-15	
30-1.09746E-16	1.09746E-16	1.63720E-15	1.61525E-15	
31-4.96075E-16	4.96075E-16	1.61525E-15	1.51603E-15	
32-9.27405E-16	9.27405E-16	1.51603E-15	1.33055E-15	
33-1.40455E-15	1.40455E-15	1.33055E-15	1.04964E-15	
34-1.92801E-15	1.92801E-15	1.04964E-15	6.64041E-16	
35-2.49799E-15	2.49799E-15	6.64041E-16	1.64442E-16	
36-3.11431E-15	3.11431E-15	1.64442E-16	4.58417E-16	
37-3.77640E-15	3.77640E-15	4.58417E-16	1.21370E-15	
38-9.30568E-16	9.30568E-16	1.21370E-15	1.39981E-15	
39-1.68083E-15	1.68083E-15	1.39981E-15	1.73598E-15	
40-2.47260E-15	2.47260E-15	1.73598E-15	2.23050E-15	
41-3.30352E-15	3.30352E-15	2.23050E-15	2.89120E-15	
42-4.17072E-15	4.17072E-15	2.89120E-15	3.72534E-15	
43-5.07086E-15	5.07086E-15	3.72534E-15	4.73952E-15	
44-6.00005E-15	6.00005E-15	4.73952E-15	5.93952E-15	
45-6.95391E-15	6.95391E-15	5.93952E-15	7.33030E-15	
46-8.22107E-16	8.22107E-16	7.33030E-15	7.49472E-15	
47-1.81011E-15	1.81011E-15	7.49472E-15	7.85674E-15	
48-2.80661E-15	2.80661E-15	7.85674E-15	8.41807E-15	
49-3.80528E-15	3.80528E-15	8.41807E-15	9.17912E-15	
50-4.79937E-15	4.79937E-15	9.17912E-15	1.01390E-14	
51-5.78175E-15	5.78175E-15	1.01390E-14	1.12954E-14	
52-7.05694E-15	7.05694E-15	1.12954E-14	1.27067E-14	
53-1.19106E-15	1.19106E-15	1.27067E-14	1.29449E-14	
54-2.38442E-15	2.38442E-15	1.29449E-14	1.34218E-14	
55-3.52091E-15	3.52091E-15	1.34218E-14	1.41260E-14	
56-4.58985E-15	4.58985E-15	1.41260E-14	1.50439E-14	
57-5.58063E-15	5.58063E-15	1.50439E-14	1.61601E-14	
58-6.48294E-15	6.48294E-15	1.61601E-14	1.74567E-14	
59-1.81388E-16	1.81388E-16	1.74567E-14	1.74929E-14	
60-1.33334E-14	1.33334E-14	1.74929E-14	1.48262E-14	
61-1.27539E-14	1.27539E-14	1.48262E-14	1.22755E-14	
62-5.19348E-15	5.19348E-15	1.22755E-14	1.12368E-14	
63-4.87000E-15	4.87000E-15	1.12368E-14	1.02628E-14	
64-4.68414E-15	4.68414E-15	1.02628E-14	9.32594E-15	
65-4.64093E-15	4.64093E-15	9.32594E-15	8.39775E-15	
66-1.18498E-14	1.18498E-14	8.39775E-15	6.02778E-15	
67-1.21030E-14	1.21030E-14	6.02778E-15	3.60717E-15	
68-1.25081E-14	1.25081E-14	3.60717E-15	1.10556E-15	

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69-5.96072E-15 5.96072E-15-1.10556E-15-8.65806E-17  
70 4.32881E-16-4.32881E-16 8.65806E-17 2.01948E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.1192E+05 REMNOR=0.6837E-52 RATIO =0.3481 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.3481 RATIOR= 0.000  
MAX UN= 24.04 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
MIN UN=-27.95 IEQ= 89 NODE 45 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 171.7 REMNOR=0.3273E-19 RATIO =0.4179E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.4179E-01 RATIOR= 0.000  
MAX UN= 6.659 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.5770 IEQ= 99 NODE 50 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 86.93 REMNOR=0.5794E-19 RATIO =0.2973E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.2973E-01 RATIOR= 0.000  
MAX UN= 5.898 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
MIN UN=-.7656E-09 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM= 28.92 REMNOR=0.5963E-19 RATIO =0.1715E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.1715E-01 RATIOR= 0.000  
MAX UN= 4.208 IEQ= 49 NODE 25 DOF 1 Y-DISPL.F  
MIN UN=-.1444E-01 IEQ= 85 NODE 43 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.5397 REMNOR=0.2347E-19 RATIO =0.2343E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.2343E-02 RATIOR= 0.000  
MAX UN=0.7221 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
MIN UN=-.9257E-01 IEQ= 87 NODE 44 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 6 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9832E+05 RIMNOR=0.6871E-26  
RENORM=0.7365E-17 REMNOR=0.2691E-19 RATIO =0.8655E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 56.48 RMMAX =0.1749E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9832E+05 RDR =0.1000E-18  
RATIOT=0.8655E-11 RATIOR= 0.000  
MAX UN=0.1267E-08 IEQ= 25 NODE 13 DOF 1 Y-DISPL.F  
MIN UN=-.1030E-08 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time :13 June 2018 14:05:42

New Project  
SOLUTION REACHED USING 6 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	7.6722802E-03	-9.7899816E-04
2	7.4764806E-03	-9.7899816E-04
3	7.2806810E-03	-9.7899816E-04
4	7.0848813E-03	-9.7899816E-04
5	6.8890817E-03	-9.7899816E-04
6	6.6932821E-03	-9.7899816E-04
7	6.4974825E-03	-9.7899686E-04
8	6.3016841E-03	-9.7898359E-04
9	6.1058917E-03	-9.7893148E-04
10	5.9101153E-03	-9.7882306E-04
11	5.7143662E-03	-9.7865833E-04
12	5.5186557E-03	-9.7843730E-04
13	5.3229950E-03	-9.7815995E-04
14	5.1273955E-03	-9.7782575E-04
15	4.9318690E-03	-9.7742806E-04
16	4.7364297E-03	-9.7694908E-04
17	4.5410957E-03	-9.7635985E-04
18	4.3458948E-03	-9.7562019E-04
19	4.1508611E-03	-9.7467876E-04
20	3.9560409E-03	-9.7347298E-04
21	3.7614954E-03	-9.7192907E-04
22	3.5672985E-03	-9.6996199E-04
23	3.3735452E-03	-9.6747552E-04
24	3.1803501E-03	-9.6436218E-04
25	2.9878501E-03	-9.6050329E-04
26	2.7962071E-03	-9.5576893E-04
27	2.6056074E-03	-9.5007524E-04
28	2.4162445E-03	-9.4338417E-04
29	2.2283235E-03	-9.3564631E-04
30	2.0420598E-03	-9.2680066E-04
31	1.8576843E-03	-9.1673855E-04
32	1.6754609E-03	-9.0524183E-04
33	1.4957077E-03	-8.9195766E-04
34	1.3188294E-03	-8.7640000E-04
35	1.1453405E-03	-8.5795089E-04
36	9.7589172E-04	-8.3586212E-04
37	8.1129749E-04	-8.0925734E-04
38	6.5255753E-04	-7.7713377E-04
39	5.0088694E-04	-7.3836583E-04
40	3.5768160E-04	-6.9254181E-04
41	2.2430816E-04	-6.4014866E-04
42	1.0201095E-04	-5.8192334E-04
43	-8.1383180E-06	-5.1885515E-04
44	-1.0529154E-04	-4.5219342E-04
45	-1.8887741E-04	-3.8346373E-04
46	-2.5865032E-04	-3.1433985E-04
47	-3.1468696E-04	-2.4632000E-04
48	-3.5732976E-04	-1.8057170E-04
49	-3.8712717E-04	-1.1799643E-04
50	-4.0478534E-04	-5.9277400E-05
51	-4.1112848E-04	-4.9150731E-06
52	-4.0706481E-04	4.4743385E-05
53	-3.9355809E-04	8.9507738E-05
54	-3.7159108E-04	1.2934066E-04
55	-3.4214743E-04	1.6428959E-04
56	-3.0619229E-04	1.9448289E-04
57	-2.6465823E-04	2.2011682E-04
58	-2.1843240E-04	2.4144812E-04
59	-1.6834516E-04	2.5878672E-04
60	-1.1516017E-04	2.7248843E-04
61	-5.9565884E-05	2.8294870E-04
62	-2.1678312E-06	2.9060188E-04
63	5.6519339E-05	2.9592211E-04
64	1.1607881E-04	2.9940933E-04
65	1.7619234E-04	3.0153558E-04
66	2.3662918E-04	3.0270384E-04
67	2.9723225E-04	3.0324766E-04
68	3.5790421E-04	3.0343094E-04
69	4.1859353E-04	3.0344785E-04
70	4.7928055E-04	3.0342276E-04
71	5.3996655E-04	3.0341089E-04











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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 2

O\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 2.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-1.59105E-10	1.59105E-10	-1.61222E-11	-8.86331E-11
2	6.04246E-11	-6.04246E-11	7.90017E-11	5.65947E-11
3	-2.57671E-10	2.57671E-10	-7.63904E-11	3.65208E-12
4	6.02881E-10	-6.02881E-10	3.30403E-11	1.89317E-10
5	-9.17457E-11	9.17457E-11	-1.36282E-10	1.59900E-10
6	4.11440E-02	-4.11440E-02	-2.25462E-10	8.22879E-03
7	0.33778	-0.33778	-8.22879E-03	7.57857E-02
8	0.89084	-0.89084	-7.57857E-02	0.25395
9	0.89084	-0.89084	-0.25395	0.43212
10	0.89084	-0.89084	-0.43212	0.61029
11	0.89084	-0.89084	-0.61029	0.78846
12	0.89084	-0.89084	-0.78846	0.96663
13	0.90782	-0.90782	-0.96663	1.1482
14	1.1011	-1.1011	-1.1482	1.3684
15	1.4709	-1.4709	-1.3684	1.6626
16	2.0177	-2.0177	-1.6626	2.0661
17	2.7416	-2.7416	-2.0661	2.6144
18	3.6427	-3.6427	-2.6144	3.3430
19	4.7214	-4.7214	-3.3430	4.2873
20	5.9775	-5.9775	-4.2873	5.4828
21	7.4113	-7.4113	-5.4828	6.9650
22	9.0226	-9.0226	-6.9650	8.7696
23	10.812	-10.812	-8.7696	10.932
24	12.778	-12.778	-10.932	13.487
25	14.922	-14.922	-13.487	16.472
26	15.432	-15.432	-16.472	19.558
27	16.124	-16.124	-19.558	22.783
28	16.997	-16.997	-22.783	26.183
29	18.053	-18.053	-26.183	29.793
30	20.436	-20.436	-29.793	33.881
31	24.957	-24.957	-33.881	38.872
32	31.597	-31.597	-38.872	45.191
33	40.336	-40.336	-45.191	53.259
34	51.150	-51.150	-53.259	63.489
35	64.010	-64.010	-63.489	76.291
36	78.883	-78.883	-76.291	92.067
37	95.729	-95.729	-92.067	111.21
38	114.50	-114.50	-111.21	134.11
39	108.76	-108.76	-134.11	155.86
40	99.094	-99.094	-155.86	175.68
41	85.438	-85.438	-175.68	192.77
42	67.792	-67.792	-192.77	206.33
43	45.909	-45.909	-206.33	215.51
44	19.533	-19.533	-215.51	219.42
45	-7.0714	7.0714	-219.42	218.00
46	-27.860	27.860	-218.00	212.43
47	-44.013	44.013	-212.43	203.63
48	-56.383	56.383	-203.63	192.35
49	-65.620	65.620	-192.35	179.23
50	-72.237	72.237	-179.23	164.78
51	-76.633	76.633	-164.78	149.45
52	-78.111	78.111	-149.45	133.83
53	-77.996	77.996	-133.83	118.23
54	-76.535	76.535	-118.23	102.93
55	-73.935	73.935	-102.93	88.139
56	-70.325	70.325	-88.139	74.074
57	-65.811	65.811	-74.074	60.912
58	-60.519	60.519	-60.912	48.808
59	-54.554	54.554	-48.808	37.897
60	-48.006	48.006	-37.897	28.296
61	-40.811	40.811	-28.296	20.134
62	-33.005	33.005	-20.134	13.533
63	-24.993	24.993	-13.533	8.5344
64	-18.069	18.069	-8.5344	4.9206
65	-12.242	12.242	-4.9206	2.4722
66	-7.5155	7.5155	-2.4722	0.96912
67	-3.8919	3.8919	-0.96912	0.19073
68	-1.3723	1.3723	-0.19073	-8.37238E-02

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69 4.32153E-02-4.32153E-02 8.37238E-02-7.50808E-02  
70 0.37539 -0.37539 7.50808E-02 2.01972E-12

ITER 0 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3762E+06 RIMNOR=0.1213E+07  
RENORM= 51.93 REMNOR=0.2691E-19 RATIO =0.1175E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3762E+06 RDR =0.1213E+07  
RATIOT=0.1175E-01 RATIOR= 0.000  
MAX UN= 1.501 IEQ= 87 NODE 44 DOF 1 Y-DISPL.F  
MIN UN=-.7126E-10 IEQ= 24 NODE 12 DOF 2 X-ROT.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3762E+06 RIMNOR=0.1213E+07  
RENORM= 69.05 REMNOR=0.1890E-18 RATIO =0.1355E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3762E+06 RDR =0.1213E+07  
RATIOT=0.1355E-01 RATIOR= 0.000  
MAX UN= 6.952 IEQ= 59 NODE 30 DOF 1 Y-DISPL.F  
MIN UN=-.2840 IEQ= 111 NODE 56 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3762E+06 RIMNOR=0.1213E+07  
RENORM=0.7484 REMNOR=0.5450E-19 RATIO =0.1411E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3762E+06 RDR =0.1213E+07  
RATIOT=0.1411E-02 RATIOR= 0.000  
MAX UN=0.8514 IEQ= 65 NODE 33 DOF 1 Y-DISPL.F  
MIN UN=-.6189E-01 IEQ= 97 NODE 49 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3762E+06 RIMNOR=0.1213E+07  
RENORM=0.3182E-04 REMNOR=0.1022E-18 RATIO =0.9197E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 114.5 RMMAX = 219.4  
RTSMAL=0.1000E-02 RMSMAL=0.1000E-02  
RDT =0.3762E+06 RDR =0.1213E+07  
RATIOT=0.9197E-05 RATIOR= 0.000  
MAX UN=0.2102E-08 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
MIN UN=-.4089E-02 IEQ= 101 NODE 51 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time :13 June 2018 14:05:42

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	1.3594330E-02	-1.8315142E-03
2	1.3228028E-02	-1.8314995E-03
3	1.2861734E-02	-1.8314261E-03
4	1.2495466E-02	-1.8312353E-03
5	1.2129252E-02	-1.8308683E-03
6	1.1763134E-02	-1.8302665E-03
7	1.1397165E-02	-1.8293698E-03
8	1.1031410E-02	-1.8281088E-03
9	1.0665952E-02	-1.8263979E-03
10	1.0300886E-02	-1.8241611E-03
11	9.9363261E-03	-1.8213394E-03
12	9.5723935E-03	-1.8178743E-03
13	9.2092232E-03	-1.8137070E-03
14	8.8469614E-03	-1.8087783E-03
15	8.4857670E-03	-1.8030228E-03
16	8.1258126E-03	-1.7963639E-03
17	7.7672857E-03	-1.7887140E-03
18	7.4103978E-03	-1.7799743E-03
19	7.0553760E-03	-1.7700346E-03
20	6.7024720E-03	-1.7587737E-03
21	6.3519651E-03	-1.7460591E-03
22	6.0041567E-03	-1.7317469E-03
23	5.6593832E-03	-1.7156824E-03
24	5.3180116E-03	-1.6976992E-03
25	4.9804433E-03	-1.6776199E-03
26	4.6471160E-03	-1.6552561E-03
27	4.3185043E-03	-1.6304651E-03
28	3.9950999E-03	-1.6031500E-03
29	3.6774198E-03	-1.5732027E-03
30	3.3660022E-03	-1.5405037E-03
31	3.0614105E-03	-1.5049212E-03
32	2.7642370E-03	-1.4663121E-03
33	2.4750993E-03	-1.4245207E-03
34	2.1946519E-03	-1.3793808E-03
35	1.9235858E-03	-1.3306587E-03
36	1.6626529E-03	-1.2779698E-03
37	1.4127010E-03	-1.2207533E-03
38	1.1747035E-03	-1.1582764E-03
39	9.4979995E-04	-1.0896566E-03
40	7.3926381E-04	-1.0146931E-03
41	5.4430250E-04	-9.3403266E-04
42	3.6597402E-04	-8.4852317E-04
43	2.0514599E-04	-7.5922222E-04
44	6.2452446E-05	-6.6741151E-04
45	-6.1752615E-05	-5.7461993E-04
46	-1.6744406E-04	-4.8256596E-04
47	-2.5493374E-04	-3.9283311E-04
48	-3.2481381E-04	-3.0664777E-04
49	-3.7789185E-04	-2.2494742E-04
50	-4.1513829E-04	-1.4843240E-04
51	-4.3764385E-04	-7.7606054E-05
52	-4.4658274E-04	-1.2807648E-05
53	-4.4318085E-04	4.5789920E-05
54	-4.2868073E-04	9.8179268E-05
55	-4.0431766E-04	1.4444081E-04
56	-3.7130186E-04	1.8474060E-04
57	-3.3080287E-04	2.1931869E-04
58	-2.8393513E-04	2.4848550E-04
59	-2.3174466E-04	2.7261249E-04
60	-1.7519805E-04	2.9212083E-04
61	-1.1517337E-04	3.0747350E-04
62	-5.2452167E-05	3.1917336E-04
63	1.2288629E-05	3.2776305E-04
64	7.8484139E-05	3.3381904E-04
65	1.4568448E-04	3.3789860E-04
66	2.1354447E-04	3.4049156E-04
67	2.8181005E-04	3.4201868E-04
68	3.5030416E-04	3.4282891E-04
69	4.1891224E-04	3.4319840E-04
70	4.8756771E-04	3.4333075E-04
71	5.5624100E-04	3.4335860E-04



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 NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
 Exe Time :13 June 2018 14:05:42  
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New Project

STRESS RESULTS FOR GROUP NO. 1

0\_L  
 ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
 CURRENT TIME IS 3.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1 D	0.000	-1.3594E-02	0.000	0.000	0.000	0.000	ACTIVE	0.000	0.000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
2 D	0.000	-1.3228E-02	3.360	0.000	3.360	2.208	ACTIVE	0.000	-0.2000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
3 D	0.000	-1.2862E-02	6.724	0.000	6.724	4.410	ACTIVE	0.000	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
4 D	0.000	-1.2495E-02	10.09	0.000	10.09	6.601	ACTIVE	0.000	-0.6000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
5 D	0.000	-1.2129E-02	13.47	0.000	13.47	8.776	ACTIVE	0.000	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
6 D	4.1144E-02	-1.1763E-02	16.86	0.2057	16.86	10.93	ACTIVE	0.000	-1.000	0.000	1.000	1.000
0.2057	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
7 D	0.2966	-1.1397E-02	20.25	1.483	20.25	13.06	ACTIVE	0.000	-1.200	0.000	1.000	1.000
1.483	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
8 D	0.5531	-1.1031E-02	23.66	2.765	23.66	15.17	ACTIVE	0.000	-1.400	0.000	1.000	1.000
2.765	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
9 D	0.000	-1.0666E-02	27.50	0.000	27.50	24.54	ACTIVE	0.000	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
10 D	0.000	-1.0301E-02	31.75	0.000	31.75	28.08	ACTIVE	0.000	-1.800	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
11 D	0.000	-9.9363E-03	36.02	0.000	36.02	31.60	ACTIVE	0.000	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
12 D	0.000	-9.5724E-03	40.30	0.000	40.30	35.08	ACTIVE	0.000	-2.200	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
13 D	1.6983E-02	-9.2092E-03	44.59	8.4916E-02	44.59	38.53	ACTIVE	0.000	-2.400	0.000	1.000	1.000
8.4916E-02	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
14 D	0.1933	-8.8470E-03	48.89	0.9663	48.89	41.95	ACTIVE	0.000	-2.600	0.000	1.000	1.000
0.9663	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
15 D	0.3699	-8.4858E-03	53.19	1.849	53.19	45.35	ACTIVE	0.000	-2.800	0.000	1.000	1.000
1.849	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
16 D	0.5468	-8.1258E-03	57.51	2.734	57.51	48.72	ACTIVE	0.000	-3.000	0.000	1.000	1.000
2.734	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
17 D	0.7239	-7.7673E-03	61.83	3.619	61.83	52.07	ACTIVE	0.000	-3.200	0.000	1.000	1.000
3.619	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
18 D	0.9012	-7.4104E-03	66.15	4.506	66.15	55.39	ACTIVE	0.000	-3.400	0.000	1.000	1.000
4.506	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
19 D	1.079	-7.0554E-03	70.48	5.393	70.48	58.70	ACTIVE	0.000	-3.600	0.000	1.000	1.000
5.393	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
20 D	1.256	-6.7025E-03	74.81	6.281	74.81	61.98	ACTIVE	0.000	-3.800	0.000	1.000	1.000
6.281	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
21 D	1.434	-6.3520E-03	79.14	7.169	79.14	65.25	ACTIVE	0.000	-4.000	0.000	1.000	1.000
7.169	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
22 D	1.611	-6.0042E-03	83.47	8.057	83.47	68.50	ACTIVE	0.000	-4.200	0.000	1.000	1.000
8.057	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
23 D	1.789	-5.6594E-03	87.81	8.945	87.81	71.74	ACTIVE	0.000	-4.400	0.000	1.000	1.000
8.945	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
24 D	1.966	-5.3180E-03	92.14	9.832	92.14	74.96	ACTIVE	0.000	-4.600	0.000	1.000	1.000
9.832	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
25 D	2.144	-4.9804E-03	96.46	10.72	96.46	78.18	ACTIVE	0.000	-4.800	0.000	1.000	1.000
10.72	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
26 D	0.5103	-4.6471E-03	100.8	2.552	100.8	81.38	ACTIVE	0.000	-5.000	0.000	1.000	1.000
2.552	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
27 D	0.6917	-4.3185E-03	105.2	3.459	105.2	84.65	ACTIVE	0.000	-5.200	0.000	1.000	1.000
3.459	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
28 D	0.8730	-3.9951E-03	109.6	4.365	109.6	87.91	ACTIVE	0.000	-5.400	0.000	1.000	1.000
4.365	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
29 D	1.056	-3.6774E-03	114.1	5.281	114.1	91.17	ACTIVE	0.000	-5.600	0.000	1.000	1.000
5.281	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
30 D	1.248	-3.3660E-03	118.8	6.238	118.8	94.41	ACTIVE	0.000	-5.800	0.000	1.000	1.000
6.238	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
31 D	1.438	-3.0614E-03	123.4	7.189	123.4	97.66	ACTIVE	0.000	-6.000	0.000	1.000	1.000
7.189	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
32 D	1.611	-2.7642E-03	127.6	8.054	127.6	100.9	ACTIVE	0.000	-6.200	0.000	1.000	1.000
8.054	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						

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33 D	1.800	-2.4751E-03	132.3	9.001	132.3	104.1	ACTIVE	0.000	-6.400	0.000	1.000	1.000
9.001	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	3.737	-2.1947E-03	136.9	18.68	136.9	107.3	UL-RL	4.0400E+04	-6.600	0.000	1.000	1.000
18.68	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	6.572	-1.9236E-03	141.4	32.86	141.4	110.6	UL-RL	4.0400E+04	-6.800	0.000	1.000	1.000
32.86	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	9.324	-1.6627E-03	146.0	46.62	146.0	113.8	UL-RL	4.0400E+04	-7.000	0.000	1.000	1.000
46.62	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	11.99	-1.4127E-03	150.2	59.93	150.2	117.0	UL-RL	4.0400E+04	-7.200	0.000	1.000	1.000
59.93	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	14.55	-1.1747E-03	154.8	72.76	154.8	120.2	UL-RL	4.0400E+04	-7.400	0.000	1.000	1.000
72.76	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	17.01	-9.4980E-04	159.3	85.06	159.3	123.4	UL-RL	4.0400E+04	-7.600	0.000	1.000	1.000
85.06	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	19.36	-7.3926E-04	163.8	96.78	163.8	126.6	UL-RL	4.0400E+04	-7.800	0.000	1.000	1.000
96.78	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	21.57	-5.4430E-04	168.0	107.9	168.0	129.8	UL-RL	4.0400E+04	-8.000	0.000	1.000	1.000
107.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	23.65	-3.6597E-04	172.6	118.3	172.6	133.1	UL-RL	4.0400E+04	-8.200	0.000	1.000	1.000
118.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	25.41	-2.0515E-04	177.1	127.1	177.1	136.9	UL-RL	4.0400E+04	-8.400	0.000	1.000	1.000
127.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	26.78	-6.2452E-05	181.6	133.9	181.6	141.5	UL-RL	4.0400E+04	-8.600	0.000	1.000	1.000
133.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	28.04	6.1753E-05	185.8	140.2	185.8	145.9	UL-RL	4.0400E+04	-8.800	0.000	1.000	1.000
140.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	29.22	1.6744E-04	190.2	146.1	190.2	150.2	UL-RL	4.0400E+04	-9.000	0.000	1.000	1.000
146.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	30.32	2.5493E-04	194.7	151.6	194.7	154.2	UL-RL	4.0400E+04	-9.200	0.000	1.000	1.000
151.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	31.33	3.2481E-04	199.2	156.7	199.2	158.1	UL-RL	4.0400E+04	-9.400	0.000	1.000	1.000
156.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	32.24	3.7789E-04	203.7	161.2	203.7	161.8	UL-RL	4.0400E+04	-9.600	0.000	1.000	1.000
161.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	33.04	4.1514E-04	207.9	165.2	207.9	165.5	UL-RL	4.0400E+04	-9.800	0.000	1.000	1.000
165.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	33.78	4.3764E-04	212.3	168.9	212.3	168.9	UL-RL	4.0400E+04	-10.00	0.000	1.000	1.000
168.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	34.89	4.4658E-04	216.8	174.4	216.8	174.5	UL-RL	5.2570E+04	-10.20	0.000	1.000	1.000
174.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	35.51	4.4318E-04	221.2	177.6	221.2	177.6	UL-RL	5.2570E+04	-10.40	0.000	1.000	1.000
177.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	36.09	4.2868E-04	225.4	180.5	225.4	180.5	UL-RL	5.2570E+04	-10.60	0.000	1.000	1.000
180.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	36.63	4.0432E-04	229.8	183.1	229.8	183.1	V-C	2.1028E+04	-10.80	0.000	1.000	1.000
183.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	37.17	3.7130E-04	233.7	185.2	233.7	185.2	V-C	2.1028E+04	-11.00	0.6808	1.000	1.000
185.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	37.73	3.3080E-04	236.9	186.6	236.9	186.6	V-C	2.1028E+04	-11.20	2.042	1.000	1.000
188.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	38.26	2.8394E-04	240.1	187.9	240.1	187.9	V-C	2.1028E+04	-11.40	3.404	1.000	1.000
191.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	38.77	2.3174E-04	243.1	189.1	243.1	189.1	V-C	2.1028E+04	-11.60	4.766	1.000	1.000
193.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	39.27	1.7520E-04	246.3	190.2	246.3	190.2	V-C	2.1028E+04	-11.80	6.128	1.000	1.000
196.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	39.74	1.1517E-04	249.5	191.2	249.5	191.2	V-C	2.1028E+04	-12.00	7.489	1.000	1.000
198.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	40.21	5.2452E-05	252.8	192.2	252.8	192.2	V-C	2.1028E+04	-12.20	8.851	1.000	1.000
201.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	40.59	-1.2289E-05	255.8	192.7	255.8	193.4	UL-RL	5.2570E+04	-12.40	10.21	1.000	1.000
202.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	40.62	-7.8484E-05	259.0	191.5	259.0	195.7	UL-RL	5.2570E+04	-12.60	11.57	1.000	1.000
203.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	40.64	-1.4568E-04	262.2	190.3	262.2	197.9	UL-RL	5.2570E+04	-12.80	12.94	1.000	1.000
203.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	40.66	-2.1354E-04	265.4	189.0	265.4	200.2	UL-RL	5.2570E+04	-13.00	14.30	1.000	1.000
203.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	40.67	-2.8181E-04	268.5	187.7	268.5	202.5	UL-RL	5.2570E+04	-13.20	15.66	1.000	1.000
203.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	40.68	-3.5030E-04	271.5	186.4	271.5	204.8	UL-RL	5.2570E+04	-13.40	17.02	1.000	1.000
203.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	40.69	-4.1891E-04	274.7	185.1	274.7	207.1	UL-RL	5.2570E+04	-13.60	18.38	1.000	1.000
203.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	40.69	-4.8757E-04	277.9	183.7	277.9	209.4	UL-RL	5.2570E+04	-13.80	19.74	1.000	1.000
203.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	20.35	-5.5624E-04	281.1	182.4	281.1	211.6	UL-RL	5.2570E+04	-14.00	21.11	1.000	1.000
203.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 2

0\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 3.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time :13 June 2018 14:05:42

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.46445	-0.46445	-1.01444E-10	9.28900E-02
2	1.3934	-1.3934	-9.28900E-02	0.37156
3	2.3222	-2.3222	-0.37156	0.83601
4	3.2512	-3.2512	-0.83601	1.4862
5	4.1800	-4.1800	-1.4862	2.3223
6	5.1501	-5.1501	-2.3223	3.3523
7	6.3756	-6.3756	-3.3523	4.6274
8	7.8576	-7.8576	-4.6274	6.1989
9	8.7865	-8.7865	-6.1989	7.9562
10	9.7154	-9.7154	-7.9562	9.8993
11	10.644	-10.644	-9.8993	12.028
12	11.573	-11.573	-12.028	14.343
13	12.519	-12.519	-14.343	16.847
14	13.641	-13.641	-16.847	19.575
15	14.940	-14.940	-19.575	22.563
16	16.416	-16.416	-22.563	25.846
17	18.068	-18.068	-25.846	29.460
18	19.899	-19.899	-29.460	33.439
19	21.906	-21.906	-33.439	37.821
20	24.091	-24.091	-37.821	42.639
21	26.454	-26.454	-42.639	47.930
22	28.994	-28.994	-47.930	53.728
23	31.712	-31.712	-53.728	60.071
24	34.607	-34.607	-60.071	66.992
25	37.680	-37.680	-66.992	74.528
26	39.119	-39.119	-74.528	82.352
27	40.740	-40.740	-82.352	90.500
28	42.542	-42.542	-90.500	99.008
29	44.527	-44.527	-99.008	107.91
30	46.703	-46.703	-107.91	117.25
31	49.070	-49.070	-117.25	127.07
32	51.610	-51.610	-127.07	137.39
33	54.339	-54.339	-137.39	148.26
34	59.005	-59.005	-148.26	160.06
35	66.505	-66.505	-160.06	173.36
36	76.758	-76.758	-173.36	188.71
37	89.674	-89.674	-188.71	206.65
38	104.69	-104.69	-206.65	227.58
39	96.023	-96.023	-227.58	246.79
40	84.232	-84.232	-246.79	263.64
41	69.193	-69.193	-263.64	277.47
42	50.770	-50.770	-277.47	287.63
43	28.640	-28.640	-287.63	293.36
44	2.4098	-2.4098	-293.36	293.84
45	-25.763	25.763	-293.84	288.69
46	-47.677	47.677	-288.69	279.15
47	-64.567	64.567	-279.15	266.24
48	-77.339	77.339	-266.24	250.77
49	-86.715	86.715	-250.77	233.43
50	-93.289	93.289	-233.43	214.77
51	-97.486	97.486	-214.77	195.27
52	-98.569	98.569	-195.27	175.56
53	-97.959	97.959	-175.56	155.97
54	-95.927	95.927	-155.97	136.78
55	-92.705	92.705	-136.78	118.24
56	-88.332	88.332	-118.24	100.57
57	-82.883	82.883	-100.57	83.997
58	-76.579	76.579	-83.997	68.681
59	-69.557	69.557	-68.681	54.769
60	-61.929	61.929	-54.769	42.383
61	-53.647	53.647	-42.383	31.654
62	-44.760	44.760	-31.654	22.702
63	-35.407	35.407	-22.702	15.621
64	-27.128	27.128	-15.621	10.195
65	-19.908	19.908	-10.195	6.2134
66	-13.815	13.815	-6.2134	3.4504
67	-8.8676	8.8676	-3.4504	1.6768
68	-5.0777	5.0777	-1.6768	0.66130

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69	-2.4253	2.4253	-0.66130	0.17624
70	-0.88116	0.88116	-0.17624	-2.57572E-12

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S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	6
3	CONVERGENCE :YES	4

END OF PROCESS FOR PROBLEM

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NONLINEAR SOLUTION CPU TIME .... 0.04 [sec]

DATABASE CREATION CPU TIME..... 0.09 [sec]

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## Design Assumption : SISMICA GEO - File di Paratie - File di output (.out)

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* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SISMICAGEO\_3865

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

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PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time :13 June 2018 14:05:43

INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	71
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	142
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	159
NO. OF LONG NAMES (LASTNAME) .....	16
LENGTH UNIT CHOICE .....	3 ( M )
FORCE UNIT CHOICE .....	3 ( KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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PREPROCESSOR DATA  
 NO. OF COMMANDS 159

- 1 : UNIT m kN
- 2 : TITLE New Project
- 3 : DELTA 0.2
- 4 : option param itemax 40
- 5 : option control hinges 0 0.0001 0.001
- 6 : WALL LeftWall\_32 0 -14 0 1
- 7 : SOIL 0\_L LeftWall\_32 -14 0 1 0
- 8 : SOIL 0\_R LeftWall\_32 -14 0 2 180
- 9 : LDATA Riporto\_2\_8\_L\_0 4 LeftWall\_32
- 10 : ATREST 0.5 1 1
- 11 : WEIGHT 16.8 8.3 10
- 12 : PERMEABILITY 0.0001
- 13 : RESISTANCE 5 23 0 0 0
- 14 : YOUNG 2E+04 3.2E+04
- 15 : ENDL
- 16 : LDATA sabbialimosoghiaiosal\_234\_219\_L\_0 -1.5 LeftWall\_32
- 17 : ATREST 0.76 2 1
- 18 : WEIGHT 20.9 11.8 10
- 19 : PERMEABILITY 1E-05
- 20 : RESISTANCE 10 37 0 0 0
- 21 : YOUNG 6E+04 1.5E+05
- 22 : ENDL
- 23 : LDATA Sabbialimosoghiaiosal\_235\_220\_L\_0 -5 LeftWall\_32
- 24 : ATREST 0.76 2 1
- 25 : WEIGHT 21.4 12.2 10
- 26 : PERMEABILITY 1E-05
- 27 : RESISTANCE 20 37 0 0 0
- 28 : YOUNG 7.5E+04 1.88E+05
- 29 : ENDL
- 30 : LDATA sabbialimosoghiaiosal\_236\_221\_L\_0 -10 LeftWall\_32
- 31 : ATREST 0.76 2 1
- 32 : WEIGHT 21.4 12.2 10
- 33 : PERMEABILITY 1E-05
- 34 : RESISTANCE 30 36 0 0 0
- 35 : YOUNG 1E+05 2.5E+05
- 36 : ENDL
- 37 : MATERIAL Fe360\_108 2.06E+08
- 38 : MATERIAL C2530\_104 3.148E+07
- 39 : BEAM WallElement\_33 LeftWall\_32 -14 0 C2530\_104 0.6225 00 00 0
- 40 : STRIP LeftWall\_32 1 3 4.15 25.85 0 20 45
- 41 : STEP Stage1\_31
- 42 : CHANGE Riporto\_2\_8\_L\_0 U-FRICT=18.76 LeftWall\_32
- 43 : CHANGE Riporto\_2\_8\_L\_0 D-FRICT=18.76 LeftWall\_32
- 44 : CHANGE Riporto\_2\_8\_L\_0 U-KA=0.449 LeftWall\_32
- 45 : CHANGE Riporto\_2\_8\_L\_0 U-KP=2.415 LeftWall\_32
- 46 : CHANGE Riporto\_2\_8\_L\_0 D-KA=0.449 LeftWall\_32
- 47 : CHANGE Riporto\_2\_8\_L\_0 D-KP=2.415 LeftWall\_32
- 48 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-FRICT=31.08 LeftWall\_32
- 49 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-FRICT=31.08 LeftWall\_32
- 50 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KA=0.267 LeftWall\_32
- 51 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KP=4.957 LeftWall\_32
- 52 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KA=0.267 LeftWall\_32
- 53 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KP=4.957 LeftWall\_32
- 54 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-FRICT=31.08 LeftWall\_32
- 55 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-FRICT=31.08 LeftWall\_32
- 56 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KA=0.267 LeftWall\_32
- 57 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-KP=4.957 LeftWall\_32
- 58 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KA=0.267 LeftWall\_32
- 59 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-KP=4.957 LeftWall\_32
- 60 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-FRICT=30.17 LeftWall\_32
- 61 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-FRICT=30.17 LeftWall\_32
- 62 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KA=0.278 LeftWall\_32
- 63 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 U-KP=4.67 LeftWall\_32
- 64 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KA=0.278 LeftWall\_32
- 65 : CHANGE sabbialimosoghiaiosal\_236\_221\_L\_0 D-KP=4.67 LeftWall\_32
- 66 : CHANGE Riporto\_2\_8\_L\_0 U-COHE=4 LeftWall\_32
- 67 : CHANGE Riporto\_2\_8\_L\_0 U-ADHES=0 LeftWall\_32
- 68 : CHANGE Riporto\_2\_8\_L\_0 D-COHE=4 LeftWall\_32
- 69 : CHANGE Riporto\_2\_8\_L\_0 D-ADHES=0 LeftWall\_32
- 70 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-COHE=8 LeftWall\_32
- 71 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-ADHES=0 LeftWall\_32
- 72 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-COHE=8 LeftWall\_32
- 73 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-ADHES=0 LeftWall\_32
- 74 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-COHE=16 LeftWall\_32
- 75 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 U-ADHES=0 LeftWall\_32
- 76 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-COHE=16 LeftWall\_32
- 77 : CHANGE Sabbialimosoghiaiosal\_235\_220\_L\_0 D-ADHES=0 LeftWall\_32



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78 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-COHE=24 LeftWall\_32  
 79 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-ADHES=0 LeftWall\_32  
 80 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-COHE=24 LeftWall\_32  
 81 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-ADHES=0 LeftWall\_32  
 82 : SETWALL LeftWall\_32  
 83 : GEOM 0 0  
 84 : WATER -0.5 0 -14 0 0  
 85 : ADD WallElement\_33  
 86 : ENDSTEP  
 87 : STEP Stage2\_446  
 88 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KP=4.458 LeftWall\_32  
 89 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KA=0.277 LeftWall\_32  
 90 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KP=2.717 LeftWall\_32  
 91 : SETWALL LeftWall\_32  
 92 : GEOM 0 -7.4  
 93 : WATER -10.9 1.5 -14 0 0  
 94 : ENDSTEP  
 95 : STEP Stage3\_549  
 96 : SETWALL LeftWall\_32  
 97 : GEOM 0 -7.4  
 98 : WATER -10.9 1.5 -14 0 0  
 99 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.506 LeftWall\_32  
 100 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.578 LeftWall\_32  
 101 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.283 LeftWall\_32  
 102 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.117 LeftWall\_32  
 103 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.506 LeftWall\_32  
 104 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.578 LeftWall\_32  
 105 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.283 LeftWall\_32  
 106 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.117 LeftWall\_32  
 107 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KAED=0.308 LeftWall\_32  
 108 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KAEW=0.344 LeftWall\_32  
 109 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KPED=4.749 LeftWall\_32  
 110 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 U-KPEW=4.566 LeftWall\_32  
 111 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KAED=0.308 LeftWall\_32  
 112 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KAEW=0.344 LeftWall\_32  
 113 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KPED=4.749 LeftWall\_32  
 114 : CHANGE sabbialimosoghiaiosa1\_234\_219\_L\_0 D-KPEW=4.566 LeftWall\_32  
 115 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAED=0.308 LeftWall\_32  
 116 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAEW=0.343 LeftWall\_32  
 117 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPED=4.749 LeftWall\_32  
 118 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPEW=4.57 LeftWall\_32  
 119 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAED=0.308 LeftWall\_32  
 120 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAEW=0.343 LeftWall\_32  
 121 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPED=4.236 LeftWall\_32  
 122 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPEW=4.046 LeftWall\_32  
 123 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KAED=0.32 LeftWall\_32  
 124 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KAEW=0.356 LeftWall\_32  
 125 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPED=4.471 LeftWall\_32  
 126 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 U-KPEW=4.298 LeftWall\_32  
 127 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAED=0.318 LeftWall\_32  
 128 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KAEW=0.354 LeftWall\_32  
 129 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPED=2.467 LeftWall\_32  
 130 : CHANGE sabbialimosoghiaiosa3\_236\_221\_L\_0 D-KPEW=2.254 LeftWall\_32  
 131 : EQK USER 0.0676 0 0 0 0.66 0 0.66 1 0  
 132 : DLOAD step LeftWall\_32 -7.4 3.795 0 3.795  
 133 : DLOAD step LeftWall\_32 -7.4 0.8495 0 0.8495  
 134 : DLOAD step LeftWall\_32 -11.1 1.134 -10.9 0  
 135 : DLOAD step LeftWall\_32 -11.3 1.603 -11.1 1.134  
 136 : DLOAD step LeftWall\_32 -11.5 1.963 -11.3 1.603  
 137 : DLOAD step LeftWall\_32 -11.7 2.267 -11.5 1.963  
 138 : DLOAD step LeftWall\_32 -11.9 2.535 -11.7 2.267  
 139 : DLOAD step LeftWall\_32 -12.1 2.777 -11.9 2.535  
 140 : DLOAD step LeftWall\_32 -12.3 2.999 -12.1 2.777  
 141 : DLOAD step LeftWall\_32 -12.5 3.206 -12.3 2.999  
 142 : DLOAD step LeftWall\_32 -12.7 3.401 -12.5 3.206  
 143 : DLOAD step LeftWall\_32 -12.9 3.584 -12.7 3.401  
 144 : DLOAD step LeftWall\_32 -13.1 3.759 -12.9 3.584  
 145 : DLOAD step LeftWall\_32 -13.3 3.927 -13.1 3.759  
 146 : DLOAD step LeftWall\_32 -13.5 4.087 -13.3 3.927  
 147 : DLOAD step LeftWall\_32 -13.7 4.241 -13.5 4.087  
 148 : DLOAD step LeftWall\_32 -13.9 4.39 -13.7 4.241  
 149 : DLOAD step LeftWall\_32 -14 4.463 -13.9 4.39  
 150 : DLOAD step LeftWall\_32 -12.6 0.8143 -12.4 0  
 151 : DLOAD step LeftWall\_32 -12.8 1.152 -12.6 0.8143  
 152 : DLOAD step LeftWall\_32 -13 1.41 -12.8 1.152  
 153 : DLOAD step LeftWall\_32 -13.2 1.629 -13 1.41  
 154 : DLOAD step LeftWall\_32 -13.4 1.821 -13.2 1.629  
 155 : DLOAD step LeftWall\_32 -13.6 1.995 -13.4 1.821  
 156 : DLOAD step LeftWall\_32 -13.8 2.155 -13.6 1.995  
 157 : DLOAD step LeftWall\_32 -14 2.303 -13.8 2.155  
 158 : DLOAD step LeftWall\_32 -14 2.303 -14 2.303  
 159 : ENDSTEP

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /	NODE	Y-COORD	Z-COORD /
1	0.0000	0.0000 /	2	0.0000	-0.20000 /	3	0.0000	-0.40000 /	4	0.0000	-0.60000 /
5	0.0000	-0.80000 /	6	0.0000	-1.0000 /	7	0.0000	-1.2000 /	8	0.0000	-1.4000 /
9	0.0000	-1.6000 /	10	0.0000	-1.8000 /	11	0.0000	-2.0000 /	12	0.0000	-2.2000 /
13	0.0000	-2.4000 /	14	0.0000	-2.6000 /	15	0.0000	-2.8000 /	16	0.0000	-3.0000 /
17	0.0000	-3.2000 /	18	0.0000	-3.4000 /	19	0.0000	-3.6000 /	20	0.0000	-3.8000 /
21	0.0000	-4.0000 /	22	0.0000	-4.2000 /	23	0.0000	-4.4000 /	24	0.0000	-4.6000 /
25	0.0000	-4.8000 /	26	0.0000	-5.0000 /	27	0.0000	-5.2000 /	28	0.0000	-5.4000 /
29	0.0000	-5.6000 /	30	0.0000	-5.8000 /	31	0.0000	-6.0000 /	32	0.0000	-6.2000 /
33	0.0000	-6.4000 /	34	0.0000	-6.6000 /	35	0.0000	-6.8000 /	36	0.0000	-7.0000 /
37	0.0000	-7.2000 /	38	0.0000	-7.4000 /	39	0.0000	-7.6000 /	40	0.0000	-7.8000 /
41	0.0000	-8.0000 /	42	0.0000	-8.2000 /	43	0.0000	-8.4000 /	44	0.0000	-8.6000 /
45	0.0000	-8.8000 /	46	0.0000	-9.0000 /	47	0.0000	-9.2000 /	48	0.0000	-9.4000 /
49	0.0000	-9.6000 /	50	0.0000	-9.8000 /	51	0.0000	-10.000 /	52	0.0000	-10.200 /
53	0.0000	-10.400 /	54	0.0000	-10.600 /	55	0.0000	-10.800 /	56	0.0000	-11.000 /
57	0.0000	-11.200 /	58	0.0000	-11.400 /	59	0.0000	-11.600 /	60	0.0000	-11.800 /
61	0.0000	-12.000 /	62	0.0000	-12.200 /	63	0.0000	-12.400 /	64	0.0000	-12.600 /
65	0.0000	-12.800 /	66	0.0000	-13.000 /	67	0.0000	-13.200 /	68	0.0000	-13.400 /
69	0.0000	-13.600 /	70	0.0000	-13.800 /	71	0.0000	-14.000 /			

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ELEMENT GROUP NO. 1  
 0\_L  
 5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
 -----  
 1 active  
 2 active  
 3 active

material set no. 1  
 prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 1.00000

material set no. 2  
 prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 2.00000

material set no. 3  
 prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 3.00000

material set no. 4  
 prop( 1) angle 0.00000  
 prop( 2) layer as foreseen 4.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000

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37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.2000	0.000	0.000	0.000	1.000
42	42	3	0.2000	0.000	0.000	0.000	1.000
43	43	3	0.2000	0.000	0.000	0.000	1.000
44	44	3	0.2000	0.000	0.000	0.000	1.000
45	45	3	0.2000	0.000	0.000	0.000	1.000
46	46	3	0.2000	0.000	0.000	0.000	1.000
47	47	3	0.2000	0.000	0.000	0.000	1.000
48	48	3	0.2000	0.000	0.000	0.000	1.000
49	49	3	0.2000	0.000	0.000	0.000	1.000
50	50	3	0.2000	0.000	0.000	0.000	1.000
51	51	3	0.2000	0.000	0.000	0.000	1.000
52	52	4	0.2000	0.000	0.000	0.000	1.000
53	53	4	0.2000	0.000	0.000	0.000	1.000
54	54	4	0.2000	0.000	0.000	0.000	1.000
55	55	4	0.2000	0.000	0.000	0.000	1.000
56	56	4	0.2000	0.000	0.000	0.000	1.000
57	57	4	0.2000	0.000	0.000	0.000	1.000
58	58	4	0.2000	0.000	0.000	0.000	1.000
59	59	4	0.2000	0.000	0.000	0.000	1.000
60	60	4	0.2000	0.000	0.000	0.000	1.000
61	61	4	0.2000	0.000	0.000	0.000	1.000
62	62	4	0.2000	0.000	0.000	0.000	1.000
63	63	4	0.2000	0.000	0.000	0.000	1.000
64	64	4	0.2000	0.000	0.000	0.000	1.000
65	65	4	0.2000	0.000	0.000	0.000	1.000
66	66	4	0.2000	0.000	0.000	0.000	1.000
67	67	4	0.2000	0.000	0.000	0.000	1.000
68	68	4	0.2000	0.000	0.000	0.000	1.000
69	69	4	0.2000	0.000	0.000	0.000	1.000
70	70	4	0.2000	0.000	0.000	0.000	1.000
71	71	4	0.1000	0.000	0.000	0.000	1.000

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                Exe Time :13 June 2018      14:05:43
-----
    
```

ELEMENT GROUP NO. 2

0\_R  
5 71 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status

```

-----
1 active
2 active
3 active
    
```

material set no. 1

```

prop( 1) angle          180.000
prop( 2) layer as foreseen 1.00000
    
```

material set no. 2

```

prop( 1) angle          180.000
prop( 2) layer as foreseen 2.00000
    
```

material set no. 3

```

prop( 1) angle          180.000
prop( 2) layer as foreseen 3.00000
    
```

material set no. 4

```

prop( 1) angle          180.000
prop( 2) layer as foreseen 4.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000

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37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.2000	0.000	0.000	0.000	2.000
42	42	3	0.2000	0.000	0.000	0.000	2.000
43	43	3	0.2000	0.000	0.000	0.000	2.000
44	44	3	0.2000	0.000	0.000	0.000	2.000
45	45	3	0.2000	0.000	0.000	0.000	2.000
46	46	3	0.2000	0.000	0.000	0.000	2.000
47	47	3	0.2000	0.000	0.000	0.000	2.000
48	48	3	0.2000	0.000	0.000	0.000	2.000
49	49	3	0.2000	0.000	0.000	0.000	2.000
50	50	3	0.2000	0.000	0.000	0.000	2.000
51	51	3	0.2000	0.000	0.000	0.000	2.000
52	52	4	0.2000	0.000	0.000	0.000	2.000
53	53	4	0.2000	0.000	0.000	0.000	2.000
54	54	4	0.2000	0.000	0.000	0.000	2.000
55	55	4	0.2000	0.000	0.000	0.000	2.000
56	56	4	0.2000	0.000	0.000	0.000	2.000
57	57	4	0.2000	0.000	0.000	0.000	2.000
58	58	4	0.2000	0.000	0.000	0.000	2.000
59	59	4	0.2000	0.000	0.000	0.000	2.000
60	60	4	0.2000	0.000	0.000	0.000	2.000
61	61	4	0.2000	0.000	0.000	0.000	2.000
62	62	4	0.2000	0.000	0.000	0.000	2.000
63	63	4	0.2000	0.000	0.000	0.000	2.000
64	64	4	0.2000	0.000	0.000	0.000	2.000
65	65	4	0.2000	0.000	0.000	0.000	2.000
66	66	4	0.2000	0.000	0.000	0.000	2.000
67	67	4	0.2000	0.000	0.000	0.000	2.000
68	68	4	0.2000	0.000	0.000	0.000	2.000
69	69	4	0.2000	0.000	0.000	0.000	2.000
70	70	4	0.2000	0.000	0.000	0.000	2.000
71	71	4	0.1000	0.000	0.000	0.000	2.000

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Exe Time :13 June 2018 14:05:43
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```

ELEMENT GROUP NO. 3

```

WallElement_33
2 70 0 1 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

```

```

.....
.....2D WALL ELEMENT.....
.....

```

element group behaviour throughout stage analysis

```

stage status
-----
1 active
2 active
3 active

```

material set no. 1

```

prop( 1) young modulus      0.314800E+08
prop( 2) modification time  0.00000
prop( 3) new young modulus  0.00000
prop( 4) poisson ratio      0.00000
prop( 5) future .....      0.00000

```

```

no. of step variable items: 1
step inertia multiplier
-----

```

```

1 1.000
2 1.000
3 1.000

```

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000
41	41	42	1	0.000	0.000	0.6225	0.000	0.000
42	42	43	1	0.000	0.000	0.6225	0.000	0.000
43	43	44	1	0.000	0.000	0.6225	0.000	0.000
44	44	45	1	0.000	0.000	0.6225	0.000	0.000
45	45	46	1	0.000	0.000	0.6225	0.000	0.000

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46	46	47	1	0.000	0.000	0.6225	0.000	0.000
47	47	48	1	0.000	0.000	0.6225	0.000	0.000
48	48	49	1	0.000	0.000	0.6225	0.000	0.000
49	49	50	1	0.000	0.000	0.6225	0.000	0.000
50	50	51	1	0.000	0.000	0.6225	0.000	0.000
51	51	52	1	0.000	0.000	0.6225	0.000	0.000
52	52	53	1	0.000	0.000	0.6225	0.000	0.000
53	53	54	1	0.000	0.000	0.6225	0.000	0.000
54	54	55	1	0.000	0.000	0.6225	0.000	0.000
55	55	56	1	0.000	0.000	0.6225	0.000	0.000
56	56	57	1	0.000	0.000	0.6225	0.000	0.000
57	57	58	1	0.000	0.000	0.6225	0.000	0.000
58	58	59	1	0.000	0.000	0.6225	0.000	0.000
59	59	60	1	0.000	0.000	0.6225	0.000	0.000
60	60	61	1	0.000	0.000	0.6225	0.000	0.000
61	61	62	1	0.000	0.000	0.6225	0.000	0.000
62	62	63	1	0.000	0.000	0.6225	0.000	0.000
63	63	64	1	0.000	0.000	0.6225	0.000	0.000
64	64	65	1	0.000	0.000	0.6225	0.000	0.000
65	65	66	1	0.000	0.000	0.6225	0.000	0.000
66	66	67	1	0.000	0.000	0.6225	0.000	0.000
67	67	68	1	0.000	0.000	0.6225	0.000	0.000
68	68	69	1	0.000	0.000	0.6225	0.000	0.000
69	69	70	1	0.000	0.000	0.6225	0.000	0.000
70	70	71	1	0.000	0.000	0.6225	0.000	0.000



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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865

Exe Time :13 June 2018 14:05:43

NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time :13 June 2018 14:05:43

L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -7.400 PRESSURE 3.795  
Z-COORD 0.000 PRESSURE 3.795

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 38

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
38	-.7400E+01	0.3795057E+00 /	37	-.7200E+01	0.7589981E+00 /	36	-.7000E+01	0.7589981E+00 /
35	-.6800E+01	0.7590000E+00 /	34	-.6600E+01	0.7590000E+00 /	33	-.6400E+01	0.7590000E+00 /
32	-.6200E+01	0.7589981E+00 /	31	-.6000E+01	0.7589981E+00 /	30	-.5800E+01	0.7590000E+00 /
29	-.5600E+01	0.7590000E+00 /	28	-.5400E+01	0.7590000E+00 /	27	-.5200E+01	0.7589981E+00 /
26	-.5000E+01	0.7589981E+00 /	25	-.4800E+01	0.7590000E+00 /	24	-.4600E+01	0.7590000E+00 /
23	-.4400E+01	0.7590000E+00 /	22	-.4200E+01	0.7590000E+00 /	21	-.4000E+01	0.7589981E+00 /
20	-.3800E+01	0.7589981E+00 /	19	-.3600E+01	0.7590000E+00 /	18	-.3400E+01	0.7590000E+00 /
17	-.3200E+01	0.7590019E+00 /	16	-.3000E+01	0.7590019E+00 /	15	-.2800E+01	0.7590000E+00 /
14	-.2600E+01	0.7590000E+00 /	13	-.2400E+01	0.7590000E+00 /	12	-.2200E+01	0.7590000E+00 /
11	-.2000E+01	0.7590000E+00 /	10	-.1800E+01	0.7590000E+00 /	9	-.1600E+01	0.7590000E+00 /
8	-.1400E+01	0.7590000E+00 /	7	-.1200E+01	0.7590000E+00 /	6	-.1000E+01	0.7590000E+00 /
5	-.8000E+00	0.7590000E+00 /	4	-.6000E+00	0.7590000E+00 /	3	-.4000E+00	0.7590000E+00 /
2	-.2000E+00	0.7590000E+00 /	1	0.0000E+00	0.3795000E+00 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 28.083

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
 AT Y-COORD 0.000 Z-COORD -7.400 PRESSURE 0.8495  
 Z-COORD 0.000 PRESSURE 0.8495

L.CURVE 3

NO. OF GENERATED NODAL FORCES 38

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
38	-.7400E+01	0.8495127E-01 /	37	-.7200E+01	0.1698996E+00 /	36	-.7000E+01	0.1698996E+00 /
35	-.6800E+01	0.1699000E+00 /	34	-.6600E+01	0.1699000E+00 /	33	-.6400E+01	0.1699000E+00 /
32	-.6200E+01	0.1698996E+00 /	31	-.6000E+01	0.1698996E+00 /	30	-.5800E+01	0.1699000E+00 /
29	-.5600E+01	0.1699000E+00 /	28	-.5400E+01	0.1699000E+00 /	27	-.5200E+01	0.1698996E+00 /
26	-.5000E+01	0.1698996E+00 /	25	-.4800E+01	0.1699000E+00 /	24	-.4600E+01	0.1699000E+00 /
23	-.4400E+01	0.1699000E+00 /	22	-.4200E+01	0.1699000E+00 /	21	-.4000E+01	0.1698996E+00 /
20	-.3800E+01	0.1698996E+00 /	19	-.3600E+01	0.1699000E+00 /	18	-.3400E+01	0.1699000E+00 /
17	-.3200E+01	0.1699004E+00 /	16	-.3000E+01	0.1699004E+00 /	15	-.2800E+01	0.1699000E+00 /
14	-.2600E+01	0.1699000E+00 /	13	-.2400E+01	0.1699000E+00 /	12	-.2200E+01	0.1699000E+00 /
11	-.2000E+01	0.1699000E+00 /	10	-.1800E+01	0.1699000E+00 /	9	-.1600E+01	0.1699000E+00 /
8	-.1400E+01	0.1699000E+00 /	7	-.1200E+01	0.1699000E+00 /	6	-.1000E+01	0.1699000E+00 /
5	-.8000E+00	0.1699000E+00 /	4	-.6000E+00	0.1699000E+00 /	3	-.4000E+00	0.1699000E+00 /
2	-.2000E+00	0.1699000E+00 /	1	0.0000E+00	0.8495000E-01 /			

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 6.2863

PROCESSING DISTRIBUTED LOADS CARD NO. 3  
 AT Y-COORD 0.000 Z-COORD -11.10 PRESSURE 1.134  
 Z-COORD -10.90 PRESSURE 0.000

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
56	-.1100E+02	0.1134000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.11340

PROCESSING DISTRIBUTED LOADS CARD NO. 4  
 AT Y-COORD 0.000 Z-COORD -11.30 PRESSURE 1.603  
 Z-COORD -11.10 PRESSURE 1.134

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
57	-.1120E+02	0.2737000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.27370

PROCESSING DISTRIBUTED LOADS CARD NO. 5  
 AT Y-COORD 0.000 Z-COORD -11.50 PRESSURE 1.963  
 Z-COORD -11.30 PRESSURE 1.603

L.CURVE 3

NO. OF GENERATED NODAL FORCES 1

NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
58	-.1140E+02	0.3566000E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.35660

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PROCESSING DISTRIBUTED LOADS CARD NO. 6  
 AT Y-COORD 0.000 Z-COORD -11.70 PRESSURE 2.267  
 Z-COORD -11.50 PRESSURE 1.963  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 59 -.1160E+02 0.4230000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.42300

PROCESSING DISTRIBUTED LOADS CARD NO. 7  
 AT Y-COORD 0.000 Z-COORD -11.90 PRESSURE 2.535  
 Z-COORD -11.70 PRESSURE 2.267  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 60 -.1180E+02 0.4802000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.48020

PROCESSING DISTRIBUTED LOADS CARD NO. 8  
 AT Y-COORD 0.000 Z-COORD -12.10 PRESSURE 2.777  
 Z-COORD -11.90 PRESSURE 2.535  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 61 -.1200E+02 0.5312000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.53120

PROCESSING DISTRIBUTED LOADS CARD NO. 9  
 AT Y-COORD 0.000 Z-COORD -12.30 PRESSURE 2.999  
 Z-COORD -12.10 PRESSURE 2.777  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 62 -.1220E+02 0.5776000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.57760

PROCESSING DISTRIBUTED LOADS CARD NO. 10  
 AT Y-COORD 0.000 Z-COORD -12.50 PRESSURE 3.206  
 Z-COORD -12.30 PRESSURE 2.999  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 63 -.1240E+02 0.6205000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.62050

PROCESSING DISTRIBUTED LOADS CARD NO. 11  
 AT Y-COORD 0.000 Z-COORD -12.70 PRESSURE 3.401  
 Z-COORD -12.50 PRESSURE 3.206  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 64 -.1260E+02 0.6607000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.66070

PROCESSING DISTRIBUTED LOADS CARD NO. 12  
 AT Y-COORD 0.000 Z-COORD -12.90 PRESSURE 3.584  
 Z-COORD -12.70 PRESSURE 3.401  
 L.CURVE 3

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NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
65	-.1280E+02	0.6985000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.69850			
PROCESSING DISTRIBUTED LOADS CARD NO. 13							
AT Y-COORD	0.000	Z-COORD	-13.10	PRESSURE	3.759		
		Z-COORD	-12.90	PRESSURE	3.584		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
66	-.1300E+02	0.7343000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.73430			
PROCESSING DISTRIBUTED LOADS CARD NO. 14							
AT Y-COORD	0.000	Z-COORD	-13.30	PRESSURE	3.927		
		Z-COORD	-13.10	PRESSURE	3.759		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
67	-.1320E+02	0.7686000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.76860			
PROCESSING DISTRIBUTED LOADS CARD NO. 15							
AT Y-COORD	0.000	Z-COORD	-13.50	PRESSURE	4.087		
		Z-COORD	-13.30	PRESSURE	3.927		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
68	-.1340E+02	0.8014000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.80140			
PROCESSING DISTRIBUTED LOADS CARD NO. 16							
AT Y-COORD	0.000	Z-COORD	-13.70	PRESSURE	4.241		
		Z-COORD	-13.50	PRESSURE	4.087		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
69	-.1360E+02	0.8328000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.83280			
PROCESSING DISTRIBUTED LOADS CARD NO. 17							
AT Y-COORD	0.000	Z-COORD	-13.90	PRESSURE	4.390		
		Z-COORD	-13.70	PRESSURE	4.241		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
70	-.1380E+02	0.8631000E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.86310			
PROCESSING DISTRIBUTED LOADS CARD NO. 18							
AT Y-COORD	0.000	Z-COORD	-14.00	PRESSURE	4.463		
		Z-COORD	-13.90	PRESSURE	4.390		
L.CURVE	3						
NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
71	-.1400E+02	0.4426500E+00 /					
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.44265			

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PROCESSING DISTRIBUTED LOADS CARD NO. 19  
 AT Y-COORD 0.000 Z-COORD -12.60 PRESSURE 0.8143  
 Z-COORD -12.40 PRESSURE 0.000  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 64 -.1260E+02 0.8143000E-01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.81430E-01

PROCESSING DISTRIBUTED LOADS CARD NO. 20  
 AT Y-COORD 0.000 Z-COORD -12.80 PRESSURE 1.152  
 Z-COORD -12.60 PRESSURE 0.8143  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 65 -.1280E+02 0.1966300E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.19663

PROCESSING DISTRIBUTED LOADS CARD NO. 21  
 AT Y-COORD 0.000 Z-COORD -13.00 PRESSURE 1.410  
 Z-COORD -12.80 PRESSURE 1.152  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 66 -.1300E+02 0.2562000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.25620

PROCESSING DISTRIBUTED LOADS CARD NO. 22  
 AT Y-COORD 0.000 Z-COORD -13.20 PRESSURE 1.629  
 Z-COORD -13.00 PRESSURE 1.410  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 67 -.1320E+02 0.3039000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.30390

PROCESSING DISTRIBUTED LOADS CARD NO. 23  
 AT Y-COORD 0.000 Z-COORD -13.40 PRESSURE 1.821  
 Z-COORD -13.20 PRESSURE 1.629  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 68 -.1340E+02 0.3450000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.34500

PROCESSING DISTRIBUTED LOADS CARD NO. 24  
 AT Y-COORD 0.000 Z-COORD -13.60 PRESSURE 1.995  
 Z-COORD -13.40 PRESSURE 1.821  
 L.CURVE 3

NO. OF GENERATED NODAL FORCES 1  
 NODE Z-LVL FORCE / NODE Z-LVL FORCE / NODE Z-LVL FORCE /  
 69 -.1360E+02 0.3816000E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 0.38160

PROCESSING DISTRIBUTED LOADS CARD NO. 25  
 AT Y-COORD 0.000 Z-COORD -13.80 PRESSURE 2.155  
 Z-COORD -13.60 PRESSURE 1.995

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L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
70	-.1380E+02		0.4150000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.41500			

PROCESSING DISTRIBUTED LOADS CARD NO. 26  
 AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 2.303  
 Z-COORD -13.80 PRESSURE 2.155

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
71	-.1400E+02		0.4458000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.44580			

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

PROCESSING DISTRIBUTED LOADS CARD NO. 27  
 AT Y-COORD 0.000 Z-COORD -14.00 PRESSURE 2.303  
 Z-COORD -14.00 PRESSURE 2.303

L.CURVE 3

NO. OF GENERATED NODAL FORCES	1						
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL
71	-.1400E+02		0.4458000E+00 /				
OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD				0.44580			

NO. OF DISTRIBUTED LOAD CARDS 27

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L O A D B A L A N C E

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 1 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 1 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 2 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 0.0000000  
STEP 2 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

NO GENERATED LOADS FROM CURRENT DLOAD COMMAND

STEP 3 TOTAL APPLIED LOAD IN DIR. 2 Y-DISPL.F 46.418903  
STEP 3 TOTAL APPLIED LOAD IN DIR. 4 X-ROT. F 0.0000000

LOAD INPUT SECTION COMPLETED



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NO. OF LAYERS ..... 4  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2

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ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 1

ITEM NO.	1	NAME	&gt;= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.27800	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.6700	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	

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ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.4580	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 2

ITEM NO.	1	NAME	= 13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 24.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	= 36.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.27800	WALL NO.	1
ITEM NO.	11	U-KP	= 4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 24.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	= 36.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.27700	WALL NO.	1
ITEM NO.	61	D-KP	= 2.7170	WALL NO.	1

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ITEM NO. 77&amp;lt;D-PERM &amp;gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1&lt;NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27&lt;U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	45&lt;U-KAED	&gt;= 0.50600	WALL NO.	1
ITEM NO.	46&lt;U-KAEW	&gt;= 0.57800	WALL NO.	1
ITEM NO.	47&lt;U-KPED	&gt;= 2.2830	WALL NO.	1
ITEM NO.	48&lt;U-KPEW	&gt;= 2.1170	WALL NO.	1
ITEM NO.	52&lt;D-NATURE&gt;=	1.0000	(BOTH WALLS)	
ITEM NO.	53&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58&lt;D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58&lt;D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59&lt;D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59&lt;D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60&lt;D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61&lt;D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77&lt;D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	95&lt;D-KAED	&gt;= 0.50600	WALL NO.	1
ITEM NO.	96&lt;D-KAEW	&gt;= 0.57800	WALL NO.	1
ITEM NO.	97&lt;D-KPED	&gt;= 2.2830	WALL NO.	1
ITEM NO.	98&lt;D-KPEW	&gt;= 2.1170	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1&lt;NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4&lt;WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5&lt;GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6&lt;GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7&lt;GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8&lt;U-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	8&lt;U-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	9&lt;U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9&lt;U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10&lt;U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11&lt;U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12&lt;K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13&lt;NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14&lt;OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16&lt;MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17&lt;EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18&lt;EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27&lt;U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45&lt;U-KAED	&gt;= 0.30800	WALL NO.	1
ITEM NO.	46&lt;U-KAEW	&gt;= 0.34400	WALL NO.	1
ITEM NO.	47&lt;U-KPED	&gt;= 4.7490	WALL NO.	1
ITEM NO.	48&lt;U-KPEW	&gt;= 4.5660	WALL NO.	1
ITEM NO.	52&lt;D-NATURE&gt;=	1.0000	(BOTH WALLS)	
ITEM NO.	53&lt;D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58&lt;D-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	58&lt;D-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	59&lt;D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59&lt;D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60&lt;D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61&lt;D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77&lt;D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95&lt;D-KAED	&gt;= 0.30800	WALL NO.	1
ITEM NO.	96&lt;D-KAEW	&gt;= 0.34400	WALL NO.	1
ITEM NO.	97&lt;D-KPED	&gt;= 4.7490	WALL NO.	1
ITEM NO.	98&lt;D-KPEW	&gt;= 4.5660	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO.	1&lt;NAME	&gt;= 12.000	(BOTH WALLS)	
ITEM NO.	2&lt;NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3&lt;LEVEL	&gt;= -5.0000	(BOTH WALLS)	

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	16.000	WALL NO.	1
ITEM NO.	8	U-COHE	20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	37.000	WALL NO.	2
ITEM NO.	10	U-KA	0.26700	WALL NO.	1
ITEM NO.	11	U-KP	4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.30800	WALL NO.	1
ITEM NO.	46	U-KAEW	0.34300	WALL NO.	1
ITEM NO.	47	U-KPED	4.7490	WALL NO.	1
ITEM NO.	48	U-KPEW	4.5700	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	16.000	WALL NO.	1
ITEM NO.	58	D-COHE	20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	37.000	WALL NO.	2
ITEM NO.	60	D-KA	0.26700	WALL NO.	1
ITEM NO.	61	D-KP	4.4580	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.30800	WALL NO.	1
ITEM NO.	96	D-KAEW	0.34300	WALL NO.	1
ITEM NO.	97	D-KPED	4.2360	WALL NO.	1
ITEM NO.	98	D-KPEW	4.0460	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 4 FOR STEP NO. 3

ITEM NO.	1	NAME	13.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-10.000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	24.000	WALL NO.	1
ITEM NO.	8	U-COHE	30.000	WALL NO.	2
ITEM NO.	9	U-FRICT	30.170	WALL NO.	1
ITEM NO.	9	U-FRICT	36.000	WALL NO.	2
ITEM NO.	10	U-KA	0.27800	WALL NO.	1
ITEM NO.	11	U-KP	4.6700	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	0.10000E+06	(BOTH WALLS)	
ITEM NO.	18	EUR	0.25000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	0.32000	WALL NO.	1
ITEM NO.	46	U-KAEW	0.35600	WALL NO.	1
ITEM NO.	47	U-KPED	4.4710	WALL NO.	1
ITEM NO.	48	U-KPEW	4.2980	WALL NO.	1
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	24.000	WALL NO.	1
ITEM NO.	58	D-COHE	30.000	WALL NO.	2
ITEM NO.	59	D-FRICT	30.170	WALL NO.	1
ITEM NO.	59	D-FRICT	36.000	WALL NO.	2
ITEM NO.	60	D-KA	0.27700	WALL NO.	1
ITEM NO.	61	D-KP	2.7170	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	0.31800	WALL NO.	1
ITEM NO.	96	D-KAEW	0.35400	WALL NO.	1
ITEM NO.	97	D-KPED	2.4670	WALL NO.	1
ITEM NO.	98	D-KPEW	2.2540	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 12 VALUES



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PARATIEPLUS(TM)  NLS ENGINE RELEASE 2018.0  FULL VERSION  *Build date:Nov 13, 2017*
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NewProject.BaseDesignSection_28.SISMICAGEO_3865
Exe Time :13 June 2018  14:05:43
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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-7.400	0.000
Z-WATER_TABLE		-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		1.500	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-7.400	0.000
Z-WATER_TABLE	-10.90	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	1.500	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-14.00	-14.00
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6760E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -14.00000  
UPPER LEVEL 0.00000



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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 4.150000000000000  
FOUNDATION WIDTH (B) 25.850000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 20.000000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 3869

NO. OF D.P.W FOR THIS AREA 8377  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.6185E-27 REMNOR= 0.000 RATIO =0.6841E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.6841E-16 RATIOR= 0.000  
MAX UN=0.7105E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1421E-13 IEQ= 119 NODE 60 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.3703E-28 REMNOR=0.2301E-52 RATIO =0.1674E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1674E-16 RATIOR= 0.000  
MAX UN=0.1366E-14 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1532E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1321E+06 RIMNOR= 0.000  
RENORM=0.2561E-28 REMNOR=0.6073E-52 RATIO =0.1392E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 52.68 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.1321E+06 RDR = 0.000  
RATIOT=0.1392E-16 RATIOR= 0.000  
MAX UN=0.6922E-15 IEQ= 139 NODE 70 DOF 1 Y-DISPL.F  
MIN UN=-.1265E-14 IEQ= 103 NODE 52 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-3.84584E-17	3.84584E-17	2.60324E-28	7.69169E-18	
2-1.12217E-16	1.12217E-16	7.69169E-18	3.01351E-17	
3-1.82815E-16	1.82815E-16	3.01351E-17	6.66981E-17	
4-2.50244E-16	2.50244E-16	6.66981E-17	1.16747E-16	
5-3.14486E-16	3.14486E-16	1.16747E-16	1.79644E-16	
6-3.75513E-16	3.75513E-16	1.79644E-16	2.54747E-16	
7-4.33279E-16	4.33279E-16	2.54747E-16	3.41402E-16	
8-4.87721E-16	4.87721E-16	3.41402E-16	4.38947E-16	
9-6.44701E-16	6.44701E-16	4.38947E-16	5.67887E-16	
10-7.90886E-16	7.90886E-16	5.67887E-16	7.26064E-16	
11-9.25876E-16	9.25876E-16	7.26064E-16	9.11239E-16	
12-1.04917E-15	1.04917E-15	9.11239E-16	1.12107E-15	
13-1.16017E-15	1.16017E-15	1.12107E-15	1.35311E-15	
14-1.25817E-15	1.25817E-15	1.35311E-15	1.60474E-15	
15-1.34233E-15	1.34233E-15	1.60474E-15	1.87321E-15	
16-1.41171E-15	1.41171E-15	1.87321E-15	2.15555E-15	
17-1.46527E-15	1.46527E-15	2.15555E-15	2.44860E-15	
18-5.05454E-15	5.05454E-15	2.44860E-15	3.45951E-15	
19-1.52014E-15	1.52014E-15	3.45951E-15	3.76354E-15	
20-1.51885E-15	1.51885E-15	3.76354E-15	4.06731E-15	
21-1.49653E-15	1.49653E-15	4.06731E-15	4.36661E-15	
22-1.45171E-15	1.45171E-15	4.36661E-15	4.65696E-15	
23-2.16984E-15	2.16984E-15	4.65696E-15	4.22299E-15	
24-2.26424E-15	2.26424E-15	4.22299E-15	3.77014E-15	
25-2.38573E-15	2.38573E-15	3.77014E-15	3.29299E-15	
26-2.57333E-15	2.57333E-15	3.29299E-15	2.77833E-15	
27-2.79849E-15	2.79849E-15	2.77833E-15	2.21863E-15	
28-3.06295E-15	3.06295E-15	2.21863E-15	1.60604E-15	
29-1.84431E-16	1.84431E-16	1.60604E-15	1.64293E-15	
30-1.63213E-16	1.63213E-16	1.64293E-15	1.61029E-15	
31-5.54397E-16	5.54397E-16	1.61029E-15	1.49941E-15	
32-9.90119E-16	9.90119E-16	1.49941E-15	1.30138E-15	
33-1.47111E-15	1.47111E-15	1.30138E-15	1.00716E-15	
34-1.99782E-15	1.99782E-15	1.00716E-15	6.07597E-16	
35-2.57036E-15	2.57036E-15	6.07597E-16	9.35255E-17	
36-3.18848E-15	3.18848E-15	9.35255E-17	5.44167E-16	
37-3.85157E-15	3.85157E-15	5.44167E-16	1.31448E-15	
38-1.00588E-15	1.00588E-15	1.31448E-15	1.51566E-15	
39-1.75539E-15	1.75539E-15	1.51566E-15	1.86674E-15	
40-2.54545E-15	2.54545E-15	1.86674E-15	2.37583E-15	
41-3.37369E-15	3.37369E-15	2.37583E-15	3.05056E-15	
42-4.23723E-15	4.23723E-15	3.05056E-15	3.89801E-15	
43-5.13273E-15	5.13273E-15	3.89801E-15	4.92456E-15	
44-6.05632E-15	6.05632E-15	4.92456E-15	6.13581E-15	
45-7.00363E-15	7.00363E-15	6.13581E-15	7.53654E-15	
46-8.64393E-16	8.64393E-16	7.53654E-15	7.70942E-15	
47-1.84413E-15	1.84413E-15	7.70942E-15	8.07824E-15	
48-2.83162E-15	2.83162E-15	8.07824E-15	8.64457E-15	
49-3.82064E-15	3.82064E-15	8.64457E-15	9.40869E-15	
50-4.80455E-15	4.80455E-15	9.40869E-15	1.03696E-14	
51-5.77637E-15	5.77637E-15	1.03696E-14	1.15249E-14	
52-7.04126E-15	7.04126E-15	1.15249E-14	1.29331E-14	
53-1.16488E-15	1.16488E-15	1.29331E-14	1.31661E-14	
54-2.34776E-15	2.34776E-15	1.31661E-14	1.36356E-14	
55-3.47403E-15	3.47403E-15	1.36356E-14	1.43304E-14	
56-4.53323E-15	4.53323E-15	1.43304E-14	1.52371E-14	
57-5.51502E-15	5.51502E-15	1.52371E-14	1.63401E-14	
58-6.40934E-15	6.40934E-15	1.63401E-14	1.76219E-14	
59-1.01070E-16	1.01070E-16	1.76219E-14	1.76422E-14	
60-1.34189E-14	1.34189E-14	1.76422E-14	1.49584E-14	
61-1.28429E-14	1.28429E-14	1.49584E-14	1.23898E-14	
62-5.28390E-15	5.28390E-15	1.23898E-14	1.13330E-14	
63-4.95969E-15	4.95969E-15	1.13330E-14	1.03411E-14	
64-4.77071E-15	4.77071E-15	1.03411E-14	9.38693E-15	
65-4.72186E-15	4.72186E-15	9.38693E-15	8.44255E-15	
66-1.19225E-14	1.19225E-14	8.44255E-15	6.05806E-15	
67-1.21646E-14	1.21646E-14	6.05806E-15	3.62514E-15	
68-1.25557E-14	1.25557E-14	3.62514E-15	1.11400E-15	

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69-5.99163E-15 5.99163E-15-1.11400E-15-8.43269E-17  
70 4.21613E-16-4.21613E-16 8.43269E-17-5.04871E-28

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM= 9450. REMNOR=0.6073E-52 RATIO =0.3239 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.3239 RATIOR= 0.000  
MAX UN= 24.04 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
MIN UN=-18.04 IEQ= 93 NODE 47 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM= 196.5 REMNOR=0.4147E-19 RATIO =0.4672E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.4672E-01 RATIOR= 0.000  
MAX UN= 6.201 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.8284E-09 IEQ= 45 NODE 23 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM= 219.1 REMNOR=0.9294E-19 RATIO =0.4932E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.4932E-01 RATIOR= 0.000  
MAX UN= 7.459 IEQ= 45 NODE 23 DOF 1 Y-DISPL.F  
MIN UN=-.1348E-08 IEQ= 29 NODE 15 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM= 92.02 REMNOR=0.1128E-18 RATIO =0.3197E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.3197E-01 RATIOR= 0.000  
MAX UN= 7.286 IEQ= 61 NODE 31 DOF 1 Y-DISPL.F  
MIN UN=-.3540 IEQ= 115 NODE 58 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 5 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM= 2.477 REMNOR=0.1247E-18 RATIO =0.5245E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.5245E-02 RATIOR= 0.000  
MAX UN= 1.417 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
MIN UN=-.1886 IEQ= 101 NODE 51 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 6 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.9005E+05 RIMNOR=0.7070E-26  
RENORM=0.2312E-16 REMNOR=0.1198E-18 RATIO =0.1602E-10 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 47.86 RMMAX =0.1764E-13  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-18  
RDT =0.9005E+05 RDR =0.1000E-18  
RATIOT=0.1602E-10 RATIOR= 0.000  
MAX UN=0.1384E-08 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
MIN UN=-.2111E-08 IEQ= 33 NODE 17 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



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New Project  
SOLUTION REACHED USING 6 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	1.3330054E-02	-1.6087014E-03	
2	1.3008314E-02	-1.6087014E-03	
3	1.2686574E-02	-1.6087014E-03	
4	1.2364833E-02	-1.6087014E-03	
5	1.2043093E-02	-1.6087014E-03	
6	1.1721353E-02	-1.6086970E-03	
7	1.1399616E-02	-1.6086700E-03	
8	1.1077889E-02	-1.6085829E-03	
9	1.0756190E-02	-1.6083787E-03	
10	1.0434548E-02	-1.6080241E-03	
11	1.0112991E-02	-1.6075179E-03	
12	9.7915512E-03	-1.6068502E-03	
13	9.4702632E-03	-1.6059966E-03	
14	9.1491675E-03	-1.6049186E-03	
15	8.8283143E-03	-1.6035628E-03	
16	8.5077655E-03	-1.6018614E-03	
17	8.1875966E-03	-1.5997322E-03	
18	7.8679060E-03	-1.5970782E-03	
19	7.5488078E-03	-1.5937881E-03	
20	7.2304416E-03	-1.5897356E-03	
21	6.9129753E-03	-1.5847802E-03	
22	6.5966016E-03	-1.5787665E-03	
23	6.2815505E-03	-1.5715246E-03	
24	5.9680860E-03	-1.5628699E-03	
25	5.6565101E-03	-1.5526032E-03	
26	5.3471664E-03	-1.5405108E-03	
27	5.0404407E-03	-1.5264166E-03	
28	4.7367440E-03	-1.5101819E-03	
29	4.4365209E-03	-1.4916530E-03	
30	4.1402470E-03	-1.4706614E-03	
31	3.8484328E-03	-1.4470232E-03	
32	3.5616289E-03	-1.4205388E-03	
33	3.2804228E-03	-1.3909931E-03	
34	3.0054510E-03	-1.3581569E-03	
35	2.7373957E-03	-1.3217849E-03	
36	2.4769901E-03	-1.2816166E-03	
37	2.2250231E-03	-1.2373569E-03	
38	1.9823480E-03	-1.1886065E-03	
39	1.7499166E-03	-1.1348144E-03	
40	1.5287684E-03	-1.0758295E-03	
41	1.3199061E-03	-1.0120260E-03	
42	1.1242474E-03	-9.4388192E-04	
43	9.4260351E-04	-8.7198482E-04	
44	7.7565677E-04	-7.9703784E-04	
45	6.2393740E-04	-7.1986666E-04	
46	4.8779560E-04	-6.4142472E-04	
47	3.6737954E-04	-5.6280244E-04	
48	2.6260444E-04	-4.8523281E-04	
49	1.7313601E-04	-4.0991925E-04	
50	9.8421278E-05	-3.3784310E-04	
51	3.7732837E-05	-2.6976172E-04	
52	-9.7886142E-06	-2.0624138E-04	
53	-4.5094794E-05	-1.4769357E-04	
54	-6.9212849E-05	-9.4375731E-05	
55	-8.3203358E-05	-4.6431971E-05	
56	-8.8146051E-05	-3.8944237E-06	
57	-8.5117180E-05	3.3302325E-05	
58	-7.5170922E-05	6.5312065E-05	
59	-5.9322614E-05	9.2367911E-05	
60	-3.8533719E-05	1.1477434E-04	
61	-1.3698231E-05	1.3290050E-04	
62	1.4369673E-05	1.4717455E-04	
63	4.4946767E-05	1.5807628E-04	
64	7.7410160E-05	1.6612764E-04	
65	1.1124236E-04	1.7184708E-04	
66	1.4602509E-04	1.7570807E-04	
67	1.8143019E-04	1.7813809E-04	
68	2.1721032E-04	1.7951793E-04	
69	2.5318959E-04	1.8018128E-04	
70	2.8925415E-04	1.8041448E-04	
71	3.2534444E-04	1.8045637E-04	



Doc. N.

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time :13 June 2018 14:05:43

New Project

STRESS RESULTS FOR GROUP NO. 1

0\_L  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 2.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1 D	0.000	-1.3330E-02	0.000	0.000	0.000	0.000	ACTIVE	0.000	0.000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
2 D	0.000	-1.3008E-02	3.360	0.000	3.360	2.208	ACTIVE	0.000	-0.2000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
3 D	0.000	-1.2687E-02	6.724	0.000	6.724	4.410	ACTIVE	0.000	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
4 D	0.000	-1.2365E-02	10.09	0.000	10.09	6.601	ACTIVE	0.000	-0.6000	0.000	1.000	1.000
0.000	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
5 D	0.1374	-1.2043E-02	13.47	0.6870	13.47	8.776	ACTIVE	0.000	-0.8000	0.000	1.000	1.000
0.6870	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
6 D	0.4415	-1.1721E-02	16.86	2.207	16.86	10.93	ACTIVE	0.000	-1.000	0.000	1.000	1.000
2.207	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
7 D	0.7466	-1.1400E-02	20.25	3.733	20.25	13.06	ACTIVE	0.000	-1.200	0.000	1.000	1.000
3.733	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
8 D	1.053	-1.1078E-02	23.66	5.264	23.66	15.17	ACTIVE	0.000	-1.400	0.000	1.000	1.000
5.264	0.000	0.000	Riporto_2_8_L_0	0.000	0.000	0.000						
9 D	0.000	-1.0756E-02	27.50	0.000	27.50	24.54	ACTIVE	0.000	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
10 D	4.1966E-02	-1.0435E-02	31.75	0.2098	31.75	28.08	ACTIVE	0.000	-1.800	0.000	1.000	1.000
0.2098	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
11 D	0.2699	-1.0113E-02	36.02	1.349	36.02	31.60	ACTIVE	0.000	-2.000	0.000	1.000	1.000
1.349	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
12 D	0.4984	-9.7916E-03	40.30	2.492	40.30	35.08	ACTIVE	0.000	-2.200	0.000	1.000	1.000
2.492	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
13 D	0.7274	-9.4703E-03	44.59	3.637	44.59	38.53	ACTIVE	0.000	-2.400	0.000	1.000	1.000
3.637	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
14 D	0.9570	-9.1492E-03	48.89	4.785	48.89	41.95	ACTIVE	0.000	-2.600	0.000	1.000	1.000
4.785	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
15 D	1.187	-8.8283E-03	53.19	5.935	53.19	45.35	ACTIVE	0.000	-2.800	0.000	1.000	1.000
5.935	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
16 D	1.417	-8.5078E-03	57.51	7.087	57.51	48.72	ACTIVE	0.000	-3.000	0.000	1.000	1.000
7.087	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
17 D	1.648	-8.1876E-03	61.83	8.241	61.83	52.07	ACTIVE	0.000	-3.200	0.000	1.000	1.000
8.241	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
18 D	1.879	-7.8679E-03	66.15	9.395	66.15	55.39	ACTIVE	0.000	-3.400	0.000	1.000	1.000
9.395	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
19 D	2.110	-7.5488E-03	70.48	10.55	70.48	58.70	ACTIVE	0.000	-3.600	0.000	1.000	1.000
10.55	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
20 D	2.341	-7.2304E-03	74.81	11.71	74.81	61.98	ACTIVE	0.000	-3.800	0.000	1.000	1.000
11.71	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
21 D	2.573	-6.9130E-03	79.14	12.86	79.14	65.25	ACTIVE	0.000	-4.000	0.000	1.000	1.000
12.86	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
22 D	2.804	-6.5966E-03	83.47	14.02	83.47	68.50	ACTIVE	0.000	-4.200	0.000	1.000	1.000
14.02	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
23 D	3.035	-6.2816E-03	87.81	15.18	87.81	71.74	ACTIVE	0.000	-4.400	0.000	1.000	1.000
15.18	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
24 D	3.267	-5.9681E-03	92.14	16.33	92.14	74.96	ACTIVE	0.000	-4.600	0.000	1.000	1.000
16.33	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
25 D	3.498	-5.6565E-03	96.46	17.49	96.46	78.18	ACTIVE	0.000	-4.800	0.000	1.000	1.000
17.49	0.000	0.000	sabbialimosoghiaiosal_234_219_L_	0.000	0.000	0.000						
26 D	2.075	-5.3472E-03	100.8	10.38	100.8	81.38	ACTIVE	0.000	-5.000	0.000	1.000	1.000
10.38	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
27 D	2.312	-5.0404E-03	105.2	11.56	105.2	84.65	ACTIVE	0.000	-5.200	0.000	1.000	1.000
11.56	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
28 D	2.548	-4.7367E-03	109.6	12.74	109.6	87.91	ACTIVE	0.000	-5.400	0.000	1.000	1.000
12.74	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
29 D	2.786	-4.4365E-03	114.1	13.93	114.1	91.17	ACTIVE	0.000	-5.600	0.000	1.000	1.000
13.93	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
30 D	3.035	-4.1402E-03	118.8	15.18	118.8	94.41	ACTIVE	0.000	-5.800	0.000	1.000	1.000
15.18	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
31 D	3.283	-3.8484E-03	123.4	16.42	123.4	97.66	ACTIVE	0.000	-6.000	0.000	1.000	1.000
16.42	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						
32 D	3.509	-3.5616E-03	127.6	17.54	127.6	100.9	ACTIVE	0.000	-6.200	0.000	1.000	1.000
17.54	0.000	0.000	Sabbialimosoghiaiosal_235_220_L_	0.000	0.000	0.000						

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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33 D	3.755	-3.2804E-03	132.3	18.78	132.3	104.1	ACTIVE	0.000	-6.400	0.000	1.000	1.000
18.78	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	4.001	-3.0055E-03	136.9	20.00	136.9	107.3	ACTIVE	0.000	-6.600	0.000	1.000	1.000
20.00	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	4.246	-2.7374E-03	141.4	21.23	141.4	110.6	ACTIVE	0.000	-6.800	0.000	1.000	1.000
21.23	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	5.092	-2.4770E-03	146.0	25.46	146.0	113.8	UL-RL	3.5660E+04	-7.000	0.000	1.000	1.000
25.46	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	7.533	-2.2250E-03	150.2	37.66	150.2	117.0	UL-RL	3.5660E+04	-7.200	0.000	1.000	1.000
37.66	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	9.906	-1.9823E-03	154.8	49.53	154.8	120.2	UL-RL	3.5660E+04	-7.400	0.000	1.000	1.000
49.53	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	12.21	-1.7499E-03	159.3	61.03	159.3	123.4	UL-RL	3.5660E+04	-7.600	0.000	1.000	1.000
61.03	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	14.43	-1.5288E-03	163.8	72.13	163.8	126.6	UL-RL	3.5660E+04	-7.800	0.000	1.000	1.000
72.13	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	16.56	-1.3199E-03	168.0	82.78	168.0	129.8	UL-RL	3.5660E+04	-8.000	0.000	1.000	1.000
82.78	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	18.59	-1.1242E-03	172.6	92.96	172.6	133.1	UL-RL	3.5660E+04	-8.200	0.000	1.000	1.000
92.96	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	20.53	-9.4260E-04	177.1	102.6	177.1	136.3	UL-RL	3.5660E+04	-8.400	0.000	1.000	1.000
102.6	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	22.36	-7.7566E-04	181.6	111.8	181.6	139.5	UL-RL	3.5660E+04	-8.600	0.000	1.000	1.000
111.8	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	24.08	-6.2394E-04	185.8	120.4	185.8	142.7	UL-RL	3.5660E+04	-8.800	0.000	1.000	1.000
120.4	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	25.69	-4.8780E-04	190.2	128.5	190.2	145.9	UL-RL	3.5660E+04	-9.000	0.000	1.000	1.000
128.5	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	27.19	-3.6738E-04	194.7	136.0	194.7	149.1	UL-RL	3.5660E+04	-9.200	0.000	1.000	1.000
136.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	28.58	-2.6260E-04	199.2	142.9	199.2	152.3	UL-RL	3.5660E+04	-9.400	0.000	1.000	1.000
142.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	29.86	-1.7314E-04	203.7	149.3	203.7	155.5	UL-RL	3.5660E+04	-9.600	0.000	1.000	1.000
149.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	31.03	-9.8421E-05	207.9	155.2	207.9	158.7	UL-RL	3.5660E+04	-9.800	0.000	1.000	1.000
155.2	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	32.05	-3.7733E-05	212.3	160.3	212.3	162.0	UL-RL	3.5660E+04	-10.00	0.000	1.000	1.000
160.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	32.84	9.7886E-06	216.8	164.2	216.8	165.9	UL-RL	4.6554E+04	-10.20	0.000	1.000	1.000
164.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	33.67	4.5095E-05	221.2	168.3	221.2	169.6	UL-RL	4.6554E+04	-10.40	0.000	1.000	1.000
168.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	34.45	6.9213E-05	225.4	172.3	225.4	173.1	UL-RL	4.6554E+04	-10.60	0.000	1.000	1.000
172.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	35.19	8.3203E-05	229.8	176.0	229.8	176.4	UL-RL	4.6554E+04	-10.80	0.000	1.000	1.000
176.0	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	35.94	8.8146E-05	233.7	179.0	233.7	179.0	UL-RL	4.6554E+04	-11.00	0.6808	1.000	1.000
179.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	36.66	8.5117E-05	236.9	181.3	236.9	181.3	V-C	1.8621E+04	-11.20	2.042	1.000	1.000
183.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	37.35	7.5171E-05	240.1	183.4	240.1	183.4	V-C	1.8621E+04	-11.40	3.404	1.000	1.000
186.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	38.02	5.9323E-05	243.1	185.3	243.1	185.3	V-C	1.8621E+04	-11.60	4.766	1.000	1.000
190.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	38.67	3.8534E-05	246.3	187.2	246.3	187.2	V-C	1.8621E+04	-11.80	6.128	1.000	1.000
193.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	39.31	1.3698E-05	249.5	189.1	249.5	189.1	V-C	1.8621E+04	-12.00	7.489	1.000	1.000
196.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	39.85	-1.4370E-05	252.8	190.4	252.8	191.1	UL-RL	4.6554E+04	-12.20	8.851	1.000	1.000
199.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	40.30	-4.4947E-05	255.8	191.3	255.8	193.4	UL-RL	4.6554E+04	-12.40	10.21	1.000	1.000
201.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	40.72	-7.7410E-05	259.0	192.0	259.0	195.7	UL-RL	4.6554E+04	-12.60	11.57	1.000	1.000
203.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	41.14	-1.1124E-04	262.2	192.8	262.2	197.9	UL-RL	4.6554E+04	-12.80	12.94	1.000	1.000
205.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	41.54	-1.4603E-04	265.4	193.4	265.4	200.2	UL-RL	4.6554E+04	-13.00	14.30	1.000	1.000
207.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	41.94	-1.8143E-04	268.5	194.1	268.5	202.5	UL-RL	4.6554E+04	-13.20	15.66	1.000	1.000
209.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	42.34	-2.1721E-04	271.5	194.7	271.5	204.8	UL-RL	4.6554E+04	-13.40	17.02	1.000	1.000
211.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	42.73	-2.5319E-04	274.7	195.3	274.7	207.1	UL-RL	4.6554E+04	-13.60	18.38	1.000	1.000
213.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	43.13	-2.8925E-04	277.9	195.9	277.9	209.4	UL-RL	4.6554E+04	-13.80	19.74	1.000	1.000
215.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	21.76	-3.2534E-04	281.1	196.5	281.1	211.6	UL-RL	4.6554E+04	-14.00	21.11	1.000	1.000
217.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time :13 June 2018 14:05:43

New Project

STRESS RESULTS FOR GROUP NO. 2

0\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 2.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time :13 June 2018 14:05:43  
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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	2.89674E-10	-2.89674E-10	2.82938E-11	-1.79909E-11
2	-9.60654E-10	9.60654E-10	-4.76348E-11	-1.68029E-10
3	1.09139E-11	-1.09139E-11	7.75629E-11	-2.12310E-10
4	-3.81992E-11	3.81992E-11	2.12992E-10	-1.21531E-10
5	0.13740	-0.13740	2.48278E-10	2.74797E-02
6	0.57889	-0.57889	-2.74797E-02	0.14326
7	1.3255	-1.3255	-0.14326	0.40835
8	2.3783	-2.3783	-0.40835	0.88401
9	2.3783	-2.3783	-0.88401	1.3597
10	2.4202	-2.4202	-1.3597	1.8437
11	2.6901	-2.6901	-1.8437	2.3817
12	3.1884	-3.1884	-2.3817	3.0194
13	3.9159	-3.9159	-3.0194	3.8026
14	4.8729	-4.8729	-3.8026	4.7772
15	6.0599	-6.0599	-4.7772	5.9891
16	7.4773	-7.4773	-5.9891	7.4846
17	9.1255	-9.1255	-7.4846	9.3097
18	11.005	-11.005	-9.3097	11.511
19	13.115	-13.115	-11.511	14.134
20	15.456	-15.456	-14.134	17.225
21	18.029	-18.029	-17.225	20.830
22	20.833	-20.833	-20.830	24.997
23	23.868	-23.868	-24.997	29.771
24	27.135	-27.135	-29.771	35.198
25	30.632	-30.632	-35.198	41.324
26	32.708	-32.708	-41.324	47.866
27	35.019	-35.019	-47.866	54.869
28	37.567	-37.567	-54.869	62.383
29	40.353	-40.353	-62.383	70.453
30	43.389	-43.389	-70.453	79.131
31	46.672	-46.672	-79.131	88.465
32	50.180	-50.180	-88.465	98.501
33	53.936	-53.936	-98.501	109.29
34	57.937	-57.937	-109.29	120.88
35	62.182	-62.182	-120.88	133.31
36	67.275	-67.275	-133.31	146.77
37	74.807	-74.807	-146.77	161.73
38	84.713	-84.713	-161.73	178.67
39	79.591	-79.591	-178.67	194.59
40	72.871	-72.871	-194.59	209.16
41	64.466	-64.466	-209.16	222.06
42	54.282	-54.282	-222.06	232.91
43	42.218	-42.218	-232.91	241.36
44	28.169	-28.169	-241.36	246.99
45	12.027	-12.027	-246.99	249.40
46	-6.3208	6.3208	-249.40	248.13
47	-26.985	26.985	-248.13	242.73
48	-44.397	44.397	-242.73	233.86
49	-58.025	58.025	-233.86	222.25
50	-68.383	68.383	-222.25	208.57
51	-75.978	75.978	-208.57	193.38
52	-81.214	81.214	-193.38	177.14
53	-84.361	84.361	-177.14	160.26
54	-85.677	85.677	-160.26	143.13
55	-85.378	85.378	-143.13	126.05
56	-83.607	83.607	-126.05	109.33
57	-80.512	80.512	-109.33	93.229
58	-76.231	76.231	-93.229	77.983
59	-70.878	70.878	-77.983	63.807
60	-64.551	64.551	-63.807	50.897
61	-57.331	57.331	-50.897	39.430
62	-49.370	49.370	-39.430	29.556
63	-40.817	40.817	-29.556	21.393
64	-32.966	32.966	-21.393	14.800
65	-25.836	25.836	-14.800	9.6327
66	-19.440	19.440	-9.6327	5.7446
67	-13.788	13.788	-5.7446	2.9871
68	-8.8824	8.8824	-2.9871	1.2106

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69 -4.7279 4.7279 -1.2106 0.26506  
70 -1.3252 1.3252 -0.26506 5.93303E-13

ITER 0 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3731E+06 RIMNOR=0.1940E+07  
RENORM= 59.97 REMNOR=0.1198E-18 RATIO =0.1268E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 85.68 RMMAX = 249.4  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
RDT =0.3731E+06 RDR =0.1940E+07  
RATIOT=0.1268E-01 RATIOR= 0.000  
MAX UN= 2.051 IEQ= 93 NODE 47 DOF 1 Y-DISPL.F  
MIN UN=-.1267E-09 IEQ= 10 NODE 5 DOF 2 X-ROT.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3731E+06 RIMNOR=0.1940E+07  
RENORM= 139.0 REMNOR=0.2886E-18 RATIO =0.1930E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 85.68 RMMAX = 249.4  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
RDT =0.3731E+06 RDR =0.1940E+07  
RATIOT=0.1930E-01 RATIOR= 0.000  
MAX UN= 9.433 IEQ= 71 NODE 36 DOF 1 Y-DISPL.F  
MIN UN=-.4364 IEQ= 121 NODE 61 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3731E+06 RIMNOR=0.1940E+07  
RENORM=0.3400 REMNOR=0.2733E-18 RATIO =0.9547E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 85.68 RMMAX = 249.4  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
RDT =0.3731E+06 RDR =0.1940E+07  
RATIOT=0.9547E-03 RATIOR= 0.000  
MAX UN=0.4605 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
MIN UN=-.2162 IEQ= 109 NODE 55 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 42.81 RMNORM= 0.000  
RINORM=0.3731E+06 RIMNOR=0.1940E+07  
RENORM=0.3381E-04 REMNOR=0.4196E-18 RATIO =0.9519E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 85.68 RMMAX = 249.4  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-02  
RDT =0.3731E+06 RDR =0.1940E+07  
RATIOT=0.9519E-05 RATIOR= 0.000  
MAX UN=0.5725E-08 IEQ= 21 NODE 11 DOF 1 Y-DISPL.F  
MIN UN=-.5815E-02 IEQ= 115 NODE 58 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time :13 June 2018 14:05:43

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)
1	2.3836482E-02	-2.9298467E-03
2	2.3250514E-02	-2.9298321E-03
3	2.2664553E-02	-2.9297587E-03
4	2.2078618E-02	-2.9295678E-03
5	2.1492738E-02	-2.9292009E-03
6	2.0906954E-02	-2.9285947E-03
7	2.0321321E-02	-2.9276723E-03
8	1.9735912E-02	-2.9263374E-03
9	1.9150821E-02	-2.9244744E-03
10	1.8566164E-02	-2.9219914E-03
11	1.7982070E-02	-2.9188283E-03
12	1.7398683E-02	-2.9149165E-03
13	1.6816159E-02	-2.9101730E-03
14	1.6234675E-02	-2.9045005E-03
15	1.5654428E-02	-2.8977868E-03
16	1.5075638E-02	-2.8899056E-03
17	1.4498550E-02	-2.8807157E-03
18	1.3923447E-02	-2.8700617E-03
19	1.3350635E-02	-2.8577733E-03
20	1.2780459E-02	-2.8436657E-03
21	1.2213306E-02	-2.8275396E-03
22	1.1649595E-02	-2.8091808E-03
23	1.1089798E-02	-2.7883608E-03
24	1.0534431E-02	-2.7648362E-03
25	9.9840605E-03	-2.7383492E-03
26	9.4393067E-03	-2.7086273E-03
27	8.9008436E-03	-2.6754358E-03
28	8.3693795E-03	-2.6385770E-03
29	7.8456715E-03	-2.5978387E-03
30	7.3305178E-03	-2.5529938E-03
31	6.8247639E-03	-2.5037994E-03
32	6.3293077E-03	-2.4499974E-03
33	5.8450929E-03	-2.3913139E-03
34	5.3731268E-03	-2.3274609E-03
35	4.9144734E-03	-2.2581345E-03
36	4.4702592E-03	-2.1830154E-03
37	4.0416779E-03	-2.1017691E-03
38	3.6299855E-03	-2.0140453E-03
39	3.2365149E-03	-1.9194946E-03
40	2.8626298E-03	-1.8183122E-03
41	2.5095761E-03	-1.7113382E-03
42	2.1784154E-03	-1.5995512E-03
43	1.8700079E-03	-1.4839807E-03
44	1.5850037E-03	-1.3657011E-03
45	1.3238340E-03	-1.2458422E-03
46	1.0866939E-03	-1.1255974E-03
47	8.7353596E-04	-1.0062387E-03
48	6.8404876E-04	-8.8912444E-04
49	5.1764500E-04	-7.7562794E-04
50	3.7347689E-04	-6.6695238E-04
51	2.5048056E-04	-5.6404016E-04
52	1.4742615E-04	-4.6761069E-04
53	6.2968336E-05	-3.7822165E-04
54	-4.3529359E-06	-2.9625441E-04
55	-5.6043701E-05	-2.2194127E-04
56	-9.3644971E-05	-1.5536102E-04
57	-1.1870013E-04	-9.6461133E-05
58	-1.3272994E-04	-4.5068983E-05
59	-1.3720952E-04	-9.0373225E-07
60	-1.3354834E-04	3.6407849E-05
61	-1.2307304E-04	6.7319545E-05
62	-1.0701209E-04	9.2357768E-05
63	-8.6482016E-05	1.1211474E-04
64	-6.2474795E-05	1.2724273E-04
65	-3.5848780E-05	1.3841289E-04
66	-7.3300564E-06	1.4627680E-04
67	2.2483522E-05	1.5146442E-04
68	5.3117369E-05	1.5457689E-04
69	8.4213642E-05	1.5617983E-04
70	1.1552385E-04	1.5680104E-04
71	1.4690280E-04	1.5692980E-04





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33 D	3.755	-5.8451E-03	132.3	18.78	132.3	104.1	ACTIVE	0.000	-6.400	0.000	1.000	1.000
18.78	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
34 D	4.001	-5.3731E-03	136.9	20.00	136.9	107.3	ACTIVE	0.000	-6.600	0.000	1.000	1.000
20.00	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
35 D	4.246	-4.9145E-03	141.4	21.23	141.4	110.6	ACTIVE	0.000	-6.800	0.000	1.000	1.000
21.23	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
36 D	4.490	-4.4703E-03	146.0	22.45	146.0	113.8	ACTIVE	0.000	-7.000	0.000	1.000	1.000
22.45	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
37 D	4.714	-4.0417E-03	150.2	23.57	150.2	117.0	ACTIVE	0.000	-7.200	0.000	1.000	1.000
23.57	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
38 D	4.958	-3.6300E-03	154.8	24.79	154.8	120.2	ACTIVE	0.000	-7.400	0.000	1.000	1.000
24.79	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
39 D	5.200	-3.2365E-03	159.3	26.00	159.3	123.4	ACTIVE	0.000	-7.600	0.000	1.000	1.000
26.00	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
40 D	5.442	-2.8626E-03	163.8	27.21	163.8	126.6	ACTIVE	0.000	-7.800	0.000	1.000	1.000
27.21	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
41 D	8.071	-2.5096E-03	168.0	40.36	168.0	129.8	UL-RL	3.5660E+04	-8.000	0.000	1.000	1.000
40.36	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
42 D	11.07	-2.1784E-03	172.6	55.37	172.6	133.1	UL-RL	3.5660E+04	-8.200	0.000	1.000	1.000
55.37	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
43 D	13.91	-1.8700E-03	177.1	69.57	177.1	136.3	UL-RL	3.5660E+04	-8.400	0.000	1.000	1.000
69.57	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
44 D	16.59	-1.5850E-03	181.6	82.94	181.6	139.5	UL-RL	3.5660E+04	-8.600	0.000	1.000	1.000
82.94	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
45 D	19.09	-1.3238E-03	185.8	95.46	185.8	142.7	UL-RL	3.5660E+04	-8.800	0.000	1.000	1.000
95.46	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
46 D	21.42	-1.0867E-03	190.2	107.1	190.2	145.9	UL-RL	3.5660E+04	-9.000	0.000	1.000	1.000
107.1	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
47 D	23.58	-8.7354E-04	194.7	117.9	194.7	149.1	UL-RL	3.5660E+04	-9.200	0.000	1.000	1.000
117.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
48 D	25.57	-6.8405E-04	199.2	127.9	199.2	152.3	UL-RL	3.5660E+04	-9.400	0.000	1.000	1.000
127.9	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
49 D	27.40	-5.1764E-04	203.7	137.0	203.7	155.5	UL-RL	3.5660E+04	-9.600	0.000	1.000	1.000
137.0	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
50 D	29.07	-3.7348E-04	207.9	145.3	207.9	158.7	UL-RL	3.5660E+04	-9.800	0.000	1.000	1.000
145.3	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
51 D	30.54	-2.5048E-04	212.3	152.7	212.3	162.0	UL-RL	3.5660E+04	-10.00	0.000	1.000	1.000
152.7	0.000	0.000	Sabbialimosoghiaios2_235_220_L_									
52 D	31.38	-1.4743E-04	216.8	156.9	216.8	165.9	UL-RL	4.6554E+04	-10.20	0.000	1.000	1.000
156.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
53 D	32.66	-6.2968E-05	221.2	163.3	221.2	169.6	UL-RL	4.6554E+04	-10.40	0.000	1.000	1.000
163.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
54 D	33.85	4.3529E-06	225.4	169.2	225.4	173.1	UL-RL	4.6554E+04	-10.60	0.000	1.000	1.000
169.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
55 D	34.92	5.6044E-05	229.8	174.6	229.8	176.4	UL-RL	4.6554E+04	-10.80	0.000	1.000	1.000
174.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
56 D	35.83	9.3645E-05	233.7	178.5	233.7	179.6	UL-RL	4.6554E+04	-11.00	0.6808	1.000	1.000
179.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
57 D	36.72	1.1870E-04	236.9	181.6	236.9	182.1	UL-RL	4.6554E+04	-11.20	2.042	1.000	1.000
183.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
58 D	37.57	1.3273E-04	240.1	184.4	240.1	184.4	V-C	1.8621E+04	-11.40	3.404	1.000	1.000
187.8	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
59 D	38.31	1.3721E-04	243.1	186.8	243.1	186.8	V-C	1.8621E+04	-11.60	4.766	1.000	1.000
191.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
60 D	39.03	1.3355E-04	246.3	189.0	246.3	189.0	V-C	1.8621E+04	-11.80	6.128	1.000	1.000
195.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
61 D	39.72	1.2307E-04	249.5	191.1	249.5	191.1	V-C	1.8621E+04	-12.00	7.489	1.000	1.000
198.6	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
62 D	40.39	1.0701E-04	252.8	193.1	252.8	193.1	V-C	1.8621E+04	-12.20	8.851	1.000	1.000
201.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
63 D	41.04	8.6482E-05	255.8	195.0	255.8	195.0	V-C	1.8621E+04	-12.40	10.21	1.000	1.000
205.2	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
64 D	41.68	6.2475E-05	259.0	196.8	259.0	196.8	V-C	1.8621E+04	-12.60	11.57	1.000	1.000
208.4	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
65 D	42.31	3.5849E-05	262.2	198.6	262.2	198.6	V-C	1.8621E+04	-12.80	12.94	1.000	1.000
211.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
66 D	42.93	7.3301E-06	265.4	200.4	265.4	200.4	V-C	1.8621E+04	-13.00	14.30	1.000	1.000
214.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
67 D	43.42	-2.2484E-05	268.5	201.5	268.5	202.5	UL-RL	4.6554E+04	-13.20	15.66	1.000	1.000
217.1	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
68 D	43.87	-5.3117E-05	271.5	202.3	271.5	204.8	UL-RL	4.6554E+04	-13.40	17.02	1.000	1.000
219.3	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
69 D	44.31	-8.4214E-05	274.7	203.2	274.7	207.1	UL-RL	4.6554E+04	-13.60	18.38	1.000	1.000
221.5	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
70 D	44.75	-1.1552E-04	277.9	204.0	277.9	209.4	UL-RL	4.6554E+04	-13.80	19.74	1.000	1.000
223.7	0.000	0.000	sabbialimosoghiaios3_236_221_L_									
71 D	22.59	-1.4690E-04	281.1	204.8	281.1	211.6	UL-RL	4.6554E+04	-14.00	21.11	1.000	1.000
225.9	0.000	0.000	sabbialimosoghiaios3_236_221_L_									



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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time :13 June 2018 14:05:43

New Project

STRESS RESULTS FOR GROUP NO. 2

0\_R  
ELEMENT TYPE 5 NO.OF ELEMENTS. IN THIS GROUP 71  
CURRENT TIME IS 3.0000

HARDENING 2D SOIL ELEMENT

\*\*\*\*\* TOTAL STRESS FORMULATION \*\*\*\*\*

EL * Peg	FORCE Su_a	DISPL-Y Su_p	VERTICAL-P LAYER	HORIZON.-P	MAX-V-P	MAX-H-P	STATE	STIFFNESS	Z-LEVEL	PORE	E FACTOR	UFACTOR
1	0.000	--	--	--	--	--	REMOVED	--	0.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.2000	0.000	1.000	1.000
2	0.000	--	--	--	--	--	REMOVED	--	-0.4000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-0.6000	0.000	1.000	1.000
3	0.000	--	--	--	--	--	REMOVED	--	-0.8000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.000	0.000	1.000	1.000
4	0.000	--	--	--	--	--	REMOVED	--	-1.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.400	0.000	1.000	1.000
5	0.000	--	--	--	--	--	REMOVED	--	-1.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-1.800	0.000	1.000	1.000
6	0.000	--	--	--	--	--	REMOVED	--	-2.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.200	0.000	1.000	1.000
7	0.000	--	--	--	--	--	REMOVED	--	-2.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-2.600	0.000	1.000	1.000
8	0.000	--	--	--	--	--	REMOVED	--	-2.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.000	0.000	1.000	1.000
9	0.000	--	--	--	--	--	REMOVED	--	-3.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.400	0.000	1.000	1.000
10	0.000	--	--	--	--	--	REMOVED	--	-3.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-3.800	0.000	1.000	1.000
11	0.000	--	--	--	--	--	REMOVED	--	-4.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.200	0.000	1.000	1.000
12	0.000	--	--	--	--	--	REMOVED	--	-4.400	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-4.600	0.000	1.000	1.000
13	0.000	--	--	--	--	--	REMOVED	--	-4.800	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.000	0.000	1.000	1.000
14	0.000	--	--	--	--	--	REMOVED	--	-5.200	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.400	0.000	1.000	1.000
15	0.000	--	--	--	--	--	REMOVED	--	-5.600	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-5.800	0.000	1.000	1.000
16	0.000	--	--	--	--	--	REMOVED	--	-6.000	0.000	1.000	1.000
0.000	0.000	0.000	not available	--	--	--	REMOVED	--	-6.200	0.000	1.000	1.000
17	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
18	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
19	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
20	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
21	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
22	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
23	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
24	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
25	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
26	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
27	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
28	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
29	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
30	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
31	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				
32	0.000	--	--	--	--	--	REMOVED	--				
0.000	0.000	0.000	not available	--	--	--	REMOVED	--				



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 70  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.46445	-0.46445	-1.02634E-10	9.28900E-02
2	1.3934	-1.3934	-9.28900E-02	0.37156
3	2.3222	-2.3222	-0.37156	0.83601
4	3.2511	-3.2511	-0.83601	1.4862
5	4.3174	-4.3174	-1.4862	2.3497
6	5.6878	-5.6878	-2.3497	3.4873
7	7.3633	-7.3633	-3.4873	4.9600
8	9.3450	-9.3450	-4.9600	6.8290
9	10.274	-10.274	-6.8290	8.8837
10	11.245	-11.245	-8.8837	11.133
11	12.444	-12.444	-11.133	13.621
12	13.871	-13.871	-13.621	16.396
13	15.527	-15.527	-16.396	19.501
14	17.413	-17.413	-19.501	22.984
15	19.529	-19.529	-22.984	26.889
16	21.875	-21.875	-26.889	31.264
17	24.452	-24.452	-31.264	36.155
18	27.260	-27.260	-36.155	41.607
19	30.299	-30.299	-41.607	47.667
20	33.570	-33.570	-47.667	54.381
21	37.071	-37.071	-54.381	61.795
22	40.804	-40.804	-61.795	69.956
23	44.768	-44.768	-69.956	78.909
24	48.964	-48.964	-78.909	88.702
25	53.390	-53.390	-88.702	99.380
26	56.395	-56.395	-99.380	110.66
27	59.635	-59.635	-110.66	122.59
28	63.112	-63.112	-122.59	135.21
29	66.827	-66.827	-135.21	148.57
30	70.791	-70.791	-148.57	162.73
31	75.003	-75.003	-162.73	177.73
32	79.441	-79.441	-177.73	193.62
33	84.125	-84.125	-193.62	210.45
34	89.055	-89.055	-210.45	228.26
35	94.230	-94.230	-228.26	247.10
36	99.648	-99.648	-247.10	267.03
37	105.29	-105.29	-267.03	288.09
38	110.71	-110.71	-288.09	310.23
39	99.116	-99.116	-310.23	330.06
40	84.133	-84.133	-330.06	346.88
41	68.155	-68.155	-346.88	360.51
42	51.553	-51.553	-360.51	370.82
43	34.165	-34.165	-370.82	377.66
44	15.825	-15.825	-377.66	380.82
45	-3.6380	3.6380	-380.82	380.09
46	-24.396	24.396	-380.09	375.22
47	-46.619	46.619	-375.22	365.89
48	-67.848	67.848	-365.89	352.32
49	-84.672	84.672	-352.32	335.39
50	-97.700	97.700	-335.39	315.85
51	-107.49	107.49	-315.85	294.35
52	-115.06	115.06	-294.35	271.34
53	-119.92	119.92	-271.34	247.36
54	-122.26	122.26	-247.36	222.90
55	-122.41	122.41	-222.90	198.42
56	-120.60	120.60	-198.42	174.30
57	-116.95	116.95	-174.30	150.91
58	-111.71	111.71	-150.91	128.57
59	-105.14	105.14	-128.57	107.54
60	-97.356	97.356	-107.54	88.070
61	-88.483	88.483	-88.070	70.374
62	-78.618	78.618	-70.374	54.650
63	-67.844	67.844	-54.650	41.081
64	-57.383	57.383	-41.081	29.604
65	-47.227	47.227	-29.604	20.159
66	-37.452	37.452	-20.159	12.669
67	-28.207	28.207	-12.669	7.0273
68	-19.555	19.555	-7.0273	3.1163

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69	-11.508	11.508	-3.1163	0.81475
70	-4.0735	4.0735	-0.81475	6.48370E-13

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	6
3	CONVERGENCE :YES	4

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.04 [sec]

DATABASE CREATION CPU TIME..... 0.09 [sec]

## 5. PARATIA ALLA PK 140+180, H = 8 M

### Design Assumption : Nominal - File di Paratie - File di output (.out)

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*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
*
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* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
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* email bruno.becci@ceas.it
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*****

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JOB : NewProject.BaseDesignSection\_28.Nominal\_63

STARTING

ACCEPTED &lt;FILE,GENW

ACCEPTED &lt;FILE,PLOTTER,BINARY

ACCEPTED &lt;SOLVE TOTAL\_STRESS

ACCEPTED &lt;PARAM ITEMAY 40

ACCEPTED &lt;CONTROL HINGES 0 0.0001 0.001

&gt;

&gt;

&gt;

&gt;

&gt;

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\*  
\*

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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\* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED \*  
\* BY THE PROGRAM. \*  
\*\*\*\*\*

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]



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NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:09:48

INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	41
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	82
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	106
NO. OF LONG NAMES (LASTNAME) .....	15
LENGTH UNIT CHOICE .....	3 ( M )
FORCE UNIT CHOICE .....	3 ( KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 106

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -8 0 1
7 : SOIL 0_L LeftWall_32 -8 0 1 0
8 : SOIL 0_R LeftWall_32 -8 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -8 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 5 25 0 20 45
34 : STEP Stage1_31
35 : CHANGE Riporto_2_8_L_0 U-FRICT=23 LeftWall_32
36 : CHANGE Riporto_2_8_L_0 D-FRICT=23 LeftWall_32
37 : CHANGE Riporto_2_8_L_0 U-KA=0.376 LeftWall_32
38 : CHANGE Riporto_2_8_L_0 U-KP=3.039 LeftWall_32
39 : CHANGE Riporto_2_8_L_0 D-KA=0.376 LeftWall_32
40 : CHANGE Riporto_2_8_L_0 D-KP=3.039 LeftWall_32
41 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-FRICT=37 LeftWall_32
42 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-FRICT=37 LeftWall_32
43 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KA=0.205 LeftWall_32
44 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KP=7.519 LeftWall_32
45 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KA=0.205 LeftWall_32
46 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KP=7.519 LeftWall_32
47 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-FRICT=37 LeftWall_32
48 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-FRICT=37 LeftWall_32
49 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KA=0.205 LeftWall_32
50 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KP=7.519 LeftWall_32
51 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KA=0.205 LeftWall_32
52 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KP=7.519 LeftWall_32
53 : CHANGE Riporto_2_8_L_0 U-COHE=5 LeftWall_32
54 : CHANGE Riporto_2_8_L_0 U-ADHES=0 LeftWall_32
55 : CHANGE Riporto_2_8_L_0 D-COHE=5 LeftWall_32
56 : CHANGE Riporto_2_8_L_0 D-ADHES=0 LeftWall_32
57 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-COHE=10 LeftWall_32
58 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-ADHES=0 LeftWall_32
59 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-COHE=10 LeftWall_32
60 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-ADHES=0 LeftWall_32
61 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-COHE=20 LeftWall_32
62 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-ADHES=0 LeftWall_32
63 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-COHE=20 LeftWall_32
64 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-ADHES=0 LeftWall_32
65 : SETWALL LeftWall_32
66 : GEOM 0 0
67 : WATER -0.5 0 -8 0 0
68 : ADD WallElement_33
69 : ENDSTEP
70 : STEP Stage2_446
71 : SETWALL LeftWall_32
72 : GEOM 0 -3.1
73 : WATER -12.4 0 -8 0 0
74 : ENDSTEP
75 : STEP Stage3_549
76 : SETWALL LeftWall_32
77 : GEOM 0 -3.1

```

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78 : WATER -12.4 0 -8 0 0
79 : CHANGE Riporto_2_8_L_0 U-KAED=0.427 LeftWall_32
80 : CHANGE Riporto_2_8_L_0 U-KAEW=0.489 LeftWall_32
81 : CHANGE Riporto_2_8_L_0 U-KPED=2.888 LeftWall_32
82 : CHANGE Riporto_2_8_L_0 U-KPEW=2.703 LeftWall_32
83 : CHANGE Riporto_2_8_L_0 D-KAED=0.427 LeftWall_32
84 : CHANGE Riporto_2_8_L_0 D-KAEW=0.489 LeftWall_32
85 : CHANGE Riporto_2_8_L_0 D-KPED=2.888 LeftWall_32
86 : CHANGE Riporto_2_8_L_0 D-KPEW=2.703 LeftWall_32
87 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KAED=0.241 LeftWall_32
88 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KAEW=0.271 LeftWall_32
89 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KPED=7.242 LeftWall_32
90 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KPEW=6.997 LeftWall_32
91 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KAED=0.241 LeftWall_32
92 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KAEW=0.271 LeftWall_32
93 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KPED=7.242 LeftWall_32
94 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KPEW=6.997 LeftWall_32
95 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 U-KAED=0.241 LeftWall_32
96 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 U-KAEW=0.271 LeftWall_32
97 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 U-KPED=7.242 LeftWall_32
98 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 U-KPEW=7.003 LeftWall_32
99 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 D-KAED=0.241 LeftWall_32
100 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 D-KAEW=0.271 LeftWall_32
101 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 D-KPED=7.242 LeftWall_32
102 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 D-KPEW=7.003 LeftWall_32
103 : EQK USER 0.0676 0 0 0 0.66 0 0.66 1 0
104 : DLOAD step LeftWall_32 -3.1 1.487 0 1.487
105 : DLOAD step LeftWall_32 -3.1 0.8495 0 0.8495
106 : ENDSTEP
```





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```

ELEMENT GROUP NO. 1

0\_L :  
5 41 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0 0

.....  
.....2D PLASTIC SOIL .....  
.....

element group behaviour throughout stage analysis

```

stage  status
-----
  1     active
  2     active
  3     active
    
```

```

material set no.  1

prop( 1) angle           0.00000
prop( 2) layer as foreseen 1.00000
    
```

```

material set no.  2

prop( 1) angle           0.00000
prop( 2) layer as foreseen 2.00000
    
```

```

material set no.  3

prop( 1) angle           0.00000
prop( 2) layer as foreseen 3.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.1000	0.000	0.000	0.000	1.000



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```

ELEMENT GROUP NO. 2

0\_R  
5 41 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status

- 1 active
- 2 active
- 3 active

material set no. 1

prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.1000	0.000	0.000	0.000	2.000



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```

```

ELEMENT GROUP NO. 3

WallElement_33
2 40 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0
    
```

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

```

stage  status
-----
 1  active
 2  active
 3  active
    
```

```

material set no. 1

prop( 1) young modulus      0.314800E+08
prop( 2) modification time  0.00000
prop( 3) new young modulus  0.00000
prop( 4) poisson ratio      0.00000
prop( 5) future ..... 0.00000
    
```

```

no. of step variable items: 1
step  inertia multiplier
-----
 1  1.000
 2  1.000
 3  1.000
    
```

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:09:48

NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5



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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -3.100 PRESSURE 1.487  
Z-COORD 0.000 PRESSURE 1.487

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 16											
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
16	-.3000E+01	0.2255283E+00 /	15	-.2800E+01	0.3023567E+00 /	14	-.2600E+01	0.3023567E+00 /	13	-.2400E+01	0.3023567E+00 /
13	-.2400E+01	0.3023567E+00 /	12	-.2200E+01	0.3023567E+00 /	11	-.2000E+01	0.3023567E+00 /	10	-.1800E+01	0.3023567E+00 /
10	-.1800E+01	0.3023567E+00 /	9	-.1600E+01	0.3023567E+00 /	8	-.1400E+01	0.3023567E+00 /	7	-.1200E+01	0.3023567E+00 /
7	-.1200E+01	0.3023567E+00 /	6	-.1000E+01	0.3023567E+00 /	5	-.8000E+00	0.3023567E+00 /	4	-.6000E+00	0.3023567E+00 /
4	-.6000E+00	0.3023567E+00 /	3	-.4000E+00	0.3023567E+00 /	2	-.2000E+00	0.3023567E+00 /	1	0.0000E+00	0.1511783E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 4.6097

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
 AT Y-COORD 0.000 Z-COORD -3.100 PRESSURE 0.8495  
 Z-COORD 0.000 PRESSURE 0.8495

L.CURVE 3

NO. OF GENERATED NODAL FORCES 16											
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
16	-.3000E+01	0.1288408E+00 /	15	-.2800E+01	0.1727317E+00 /	14	-.2600E+01	0.1727317E+00 /	13	-.2400E+01	0.1727317E+00 /
13	-.2400E+01	0.1727317E+00 /	12	-.2200E+01	0.1727317E+00 /	11	-.2000E+01	0.1727317E+00 /	10	-.1800E+01	0.1727317E+00 /
10	-.1800E+01	0.1727317E+00 /	9	-.1600E+01	0.1727317E+00 /	8	-.1400E+01	0.1727317E+00 /	7	-.1200E+01	0.1727317E+00 /
7	-.1200E+01	0.1727317E+00 /	6	-.1000E+01	0.1727317E+00 /	5	-.8000E+00	0.1727317E+00 /	4	-.6000E+00	0.1727317E+00 /
4	-.6000E+00	0.1727317E+00 /	3	-.4000E+00	0.1727317E+00 /	2	-.2000E+00	0.1727317E+00 /	1	0.0000E+00	0.8636583E-01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6334

NO. OF DISTRIBUTED LOAD CARDS 2

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	7.2431500
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.42700 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.48900 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 2.8880 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 2.7030 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.42700 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.48900 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 2.8880 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 2.7030 WALL NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.24100 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.27100 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 7.2420 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 6.9970 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.24100 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.27100 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 7.2420 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 6.9970 WALL NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO. 10	U-KA	>= 0.20500	WALL NO.	1
ITEM NO. 11	U-KP	>= 7.5190	WALL NO.	1
ITEM NO. 12	K0-NC	>= 0.76000	(BOTH WALLS)	
ITEM NO. 13	NEXP	>= 2.0000	(BOTH WALLS)	
ITEM NO. 14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO. 16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO. 17	EVC	>= 75000.	(BOTH WALLS)	
ITEM NO. 18	EUR	>= 0.18800E+06	(BOTH WALLS)	
ITEM NO. 27	U-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO. 45	U-KAED	>= 0.24100	WALL NO.	1
ITEM NO. 46	U-KAEW	>= 0.27100	WALL NO.	1
ITEM NO. 47	U-KPED	>= 7.2420	WALL NO.	1
ITEM NO. 48	U-KPEW	>= 7.0030	WALL NO.	1
ITEM NO. 52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO. 53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO. 58	D-COHE	>= 20.000	(BOTH WALLS)	
ITEM NO. 59	D-FRICT	>= 37.000	(BOTH WALLS)	
ITEM NO. 60	D-KA	>= 0.20500	WALL NO.	1
ITEM NO. 61	D-KP	>= 7.5190	WALL NO.	1
ITEM NO. 77	D-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO. 95	D-KAED	>= 0.24100	WALL NO.	1
ITEM NO. 96	D-KAEW	>= 0.27100	WALL NO.	1
ITEM NO. 97	D-KPED	>= 7.2420	WALL NO.	1
ITEM NO. 98	D-KPEW	>= 7.0030	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 9 VALUES





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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 1			

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-3.100	0.000
Z-WATER_TABLE		-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000
=====end of step 2			

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.100	0.000
Z-WATER_TABLE	-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6760E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.000000000000000  
FOUNDATION WIDTH (B) 25.000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 20.000000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 2879

NO. OF D.P.W FOR THIS AREA 4848  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.8835E-28 REMNOR= 0.000 RATIO =0.6042E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.6042E-16 RATIOR= 0.000  
MAX UN=0.3553E-14 IEQ= 53 NODE 27 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.4364E-29 REMNOR=0.1087E-53 RATIO =0.1343E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.1343E-16 RATIOR= 0.000  
MAX UN=0.9976E-17 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.6841E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.4367E-29 REMNOR=0.2127E-53 RATIO =0.1343E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.1343E-16 RATIOR= 0.000  
MAX UN=0.3790E-17 IEQ= 1 NODE 1 DOF 1 Y-DISPL.F  
MIN UN=-.6337E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS



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33 D	24.46	2.2381E-20	77.73 63.29 77.73	63.29	V-C 1.4103E+05 -6.400 59.00 1.000 1.000
122.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	25.23	2.3418E-20	80.30 65.14 80.30	65.14	V-C 1.4103E+05 -6.600 61.00 1.000 1.000
126.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	26.00	2.4536E-20	83.06 66.98 83.06	66.98	V-C 1.4103E+05 -6.800 63.00 1.000 1.000
130.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	26.76	2.5738E-20	85.45 68.82 85.45	68.82	V-C 1.4103E+05 -7.000 65.00 1.000 1.000
133.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	27.53	2.7020E-20	88.19 70.65 88.19	70.65	V-C 1.4103E+05 -7.200 67.00 1.000 1.000
137.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	28.30	2.8372E-20	90.92 72.48 90.92	72.48	V-C 1.4103E+05 -7.400 69.00 1.000 1.000
141.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	29.06	2.9776E-20	93.63 74.31 93.63	74.31	V-C 1.4103E+05 -7.600 71.00 1.000 1.000
145.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	29.83	3.1208E-20	96.33 76.14 96.33	76.14	V-C 1.4103E+05 -7.800 73.00 1.000 1.000
149.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.30	3.2642E-20	98.72 77.96 98.72	77.96	V-C 1.4103E+05 -8.000 75.00 1.000 1.000
153.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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33 D	24.46	-2.2381E-20	75.08 63.29 75.08	63.29	V-C 7.0113E+04 -6.400 59.00 1.000 1.000
122.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	25.23	-2.3418E-20	77.52 65.14 77.52	65.14	V-C 7.0113E+04 -6.600 61.00 1.000 1.000
126.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	26.00	-2.4536E-20	79.96 66.98 79.96	66.98	V-C 7.0113E+04 -6.800 63.00 1.000 1.000
130.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	26.76	-2.5738E-20	82.40 68.82 82.40	68.82	V-C 7.0113E+04 -7.000 65.00 1.000 1.000
133.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	27.53	-2.7020E-20	84.84 70.65 84.84	70.65	V-C 7.0113E+04 -7.200 67.00 1.000 1.000
137.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	28.30	-2.8372E-20	87.28 72.48 87.28	72.48	V-C 7.0113E+04 -7.400 69.00 1.000 1.000
141.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	29.06	-2.9776E-20	89.72 74.31 89.72	74.31	V-C 7.0113E+04 -7.600 71.00 1.000 1.000
145.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	29.83	-3.1208E-20	92.16 76.14 92.16	76.14	V-C 7.0113E+04 -7.800 73.00 1.000 1.000
149.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.30	-3.2642E-20	94.60 77.96 94.60	77.96	V-C 7.0113E+04 -8.000 75.00 1.000 1.000
153.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-3.78963E-18	3.78963E-18	3.15544E-29	7.57927E-19	
2-7.38008E-18	7.38008E-18	7.57927E-19	2.23394E-18	
3-6.98234E-18	6.98234E-18	2.23394E-18	3.63041E-18	
4-2.59837E-18	2.59837E-18	3.63041E-18	4.15009E-18	
5 5.76780E-18	5.76780E-18	4.15009E-18	2.99653E-18	
6 1.81095E-17	1.81095E-17	2.99653E-18	6.25369E-19	
7 3.44168E-17	3.44168E-17	6.25369E-19	7.50872E-18	
8 5.46763E-17	5.46763E-17	7.50872E-18	1.84440E-17	
9 1.31568E-16	1.31568E-16	1.84440E-17	4.47576E-17	
10 2.20898E-16	2.20898E-16	4.47576E-17	8.89372E-17	
11 3.22588E-16	3.22588E-16	8.89372E-17	1.53455E-16	
12 4.36549E-16	4.36549E-16	1.53455E-16	2.40765E-16	
13 5.62683E-16	5.62683E-16	2.40765E-16	3.53301E-16	
14 7.00893E-16	7.00893E-16	3.53301E-16	4.93480E-16	
15 8.51081E-16	8.51081E-16	4.93480E-16	6.63696E-16	
16 1.01316E-15	1.01316E-15	6.63696E-16	8.66330E-16	
17 1.18707E-15	1.18707E-15	8.66330E-16	1.10374E-15	
18-2.17995E-15	2.17995E-15	1.10374E-15	6.67753E-16	
19-1.98248E-15	1.98248E-15	6.67753E-16	2.71258E-16	
20-1.77319E-15	1.77319E-15	2.71258E-16	8.33790E-17	
21-1.55200E-15	1.55200E-15	8.33790E-17	3.93779E-16	
22-1.31876E-15	1.31876E-15	3.93779E-16	6.57531E-16	
23-1.07329E-15	1.07329E-15	6.57531E-16	8.72188E-16	
24-8.15321E-16	8.15321E-16	8.72188E-16	1.03525E-15	
25-5.44567E-16	5.44567E-16	1.03525E-15	1.14417E-15	
26-1.89709E-16	1.89709E-16	1.14417E-15	1.18211E-15	
27 3.73475E-15	3.73475E-15	1.18211E-15	4.35157E-16	
28 4.12391E-15	4.12391E-15	4.35157E-16	3.89625E-16	
29-2.57443E-15	2.57443E-15	3.89625E-16	1.25261E-16	
30-2.14887E-15	2.14887E-15	1.25261E-16	5.55035E-16	
31-1.70429E-15	1.70429E-15	5.55035E-16	8.95890E-16	
32-1.24017E-15	1.24017E-15	8.95890E-16	1.14392E-15	
33-7.56010E-16	7.56010E-16	1.14392E-15	1.29513E-15	
34-2.51361E-16	2.51361E-16	1.29513E-15	1.34540E-15	
35 2.74185E-16	2.74185E-16	1.34540E-15	1.29056E-15	
36 8.20972E-16	8.20972E-16	1.29056E-15	1.12637E-15	
37 1.38927E-15	1.38927E-15	1.12637E-15	8.48513E-16	
38 1.97928E-15	1.97928E-15	8.48513E-16	4.52657E-16	
39 2.59113E-15	2.59113E-15	4.52657E-16	6.55685E-17	
40-3.27838E-16	3.27838E-16	6.55685E-17	2.77679E-28	

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1484E+05 RIMNOR=0.3730E-28  
RENORM= 1651. REMNOR=0.2127E-53 RATIO =0.3335 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 26.12 RMMAX =0.1345E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1484E+05 RDR =0.1000E-19  
RATIOT=0.3335 RATOR= 0.000  
MAX UN= 9.592 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
MIN UN=-14.53 IEQ= 37 NODE 19 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1484E+05 RIMNOR=0.3730E-28  
RENORM=0.2697 REMNOR=0.8778E-21 RATIO =0.4263E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 26.12 RMMAX =0.1345E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1484E+05 RDR =0.1000E-19  
RATIOT=0.4263E-02 RATOR= 0.000  
MAX UN=0.5169 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.6856E-10 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1484E+05 RIMNOR=0.3730E-28  
RENORM=0.2502E-03 REMNOR=0.1507E-21 RATIO =0.1298E-03 TOLER =0.1000E-03 NOT CONVERGED

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RFMAX = 26.12      RMMAX =0.1345E-14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
RDT  =0.1484E+05 RDR  =0.1000E-19
RATIOT=0.1298E-03 RATIO= 0.000
MAX UN=0.4538E-02 IEQ=   75 NODE    38 DOF   1  Y-DISPL.F
MIN UN=-.5923E-10 IEQ=    3 NODE     2 DOF   1  Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS    0
```

```
ITER  4 RNORM = 0.000      RMNORM= 0.000
RINORM=0.1484E+05 RIMNOR=0.3730E-28
RENORM=0.4925E-07 REMNOR=0.1034E-21 RATIO =0.1822E-05 TOLER =0.1000E-03      CONVERGED !
RFMAX = 26.12      RMMAX =0.1345E-14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
RDT  =0.1484E+05 RDR  =0.1000E-19
RATIOT=0.1822E-05 RATIO= 0.000
MAX UN=0.1580E-03 IEQ=    3 NODE     2 DOF   1  Y-DISPL.F
MIN UN=-.7536E-10 IEQ=    7 NODE     4 DOF   1  Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS    0
```

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:09:48

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	4.3640953E-04	-1.0502717E-04	
2	4.1540410E-04	-1.0502717E-04	
3	3.9439867E-04	-1.0502717E-04	
4	3.7339323E-04	-1.0502717E-04	
5	3.5238861E-04	-1.0501496E-04	
6	3.3139067E-04	-1.0495140E-04	
7	3.1041604E-04	-1.0476794E-04	
8	2.8949800E-04	-1.0436683E-04	
9	2.6869227E-04	-1.0362130E-04	
10	2.4807897E-04	-1.0243340E-04	
11	2.2775416E-04	-1.0071682E-04	
12	2.0783744E-04	-9.8322302E-05	
13	1.8848454E-04	-9.5038180E-05	
14	1.6989970E-04	-9.0591101E-05	
15	1.5234791E-04	-8.4646904E-05	
16	1.3616701E-04	-7.6811705E-05	
17	1.2177938E-04	-6.6633204E-05	
18	1.0967406E-04	-5.4048595E-05	
19	1.0028520E-04	-3.9585038E-05	
20	9.3907707E-05	-2.4106506E-05	
21	9.0653923E-05	-8.4583708E-06	
22	9.0498764E-05	6.8055529E-06	
23	9.3325620E-05	2.1311614E-05	
24	9.8956338E-05	3.4811609E-05	
25	1.0717286E-04	4.7150566E-05	
26	1.1773366E-04	5.8245924E-05	
27	1.3038552E-04	6.8056554E-05	
28	1.4486979E-04	7.6570826E-05	
29	1.6092903E-04	8.3812824E-05	
30	1.7831364E-04	8.9835606E-05	
31	1.9678709E-04	9.4715641E-05	
32	2.1612998E-04	9.8548388E-05	
33	2.3614393E-04	1.0144483E-04	
34	2.5665373E-04	1.0352854E-04	
35	2.7751009E-04	1.0493351E-04	
36	2.9859139E-04	1.0580231E-04	
37	3.1980509E-04	1.0628371E-04	
38	3.4108803E-04	1.0651401E-04	
39	3.6240108E-04	1.0660018E-04	
40	3.8372366E-04	1.0661971E-04	
41	4.0504805E-04	1.0662067E-04	



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33 D	16.44	-2.3614E-04	131.0	82.20	131.0	103.7	UL-RL	9.1227E+04	-6.400	0.000	1.000	1.000
82.20	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	16.72	-2.5665E-04	135.4	83.58	135.4	107.0	UL-RL	9.1227E+04	-6.600	0.000	1.000	1.000
83.58	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	16.98	-2.7751E-04	140.0	84.92	140.0	110.2	UL-RL	9.1227E+04	-6.800	0.000	1.000	1.000
84.92	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	17.25	-2.9859E-04	144.2	86.23	144.2	113.5	UL-RL	9.1227E+04	-7.000	0.000	1.000	1.000
86.23	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	17.51	-3.1981E-04	148.8	87.53	148.8	116.7	UL-RL	9.1227E+04	-7.200	0.000	1.000	1.000
87.53	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	17.76	-3.4109E-04	153.3	88.81	153.3	119.9	UL-RL	9.1227E+04	-7.400	0.000	1.000	1.000
88.81	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	18.02	-3.6240E-04	157.9	90.10	157.9	123.2	UL-RL	9.1227E+04	-7.600	0.000	1.000	1.000
90.10	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	18.27	-3.8372E-04	162.4	91.37	162.4	126.4	UL-RL	9.1227E+04	-7.800	0.000	1.000	1.000
91.37	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.265	-4.0505E-04	166.7	92.65	166.7	129.6	UL-RL	9.1227E+04	-8.000	0.000	1.000	1.000
92.65	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									



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33 D	14.40	2.3614E-04	69.67 71.98 75.08	72.01	UL-RL 4.5355E+04 -6.400 0.000 1.000 1.000
71.98	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	14.52	2.5665E-04	73.95 72.61 77.52	72.64	UL-RL 4.5355E+04 -6.600 0.000 1.000 1.000
72.61	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	14.67	2.7751E-04	78.23 73.33 79.96	73.36	UL-RL 4.5355E+04 -6.800 0.000 1.000 1.000
73.33	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	14.86	2.9859E-04	82.51 74.29 82.51	74.32	UL-RL 4.5355E+04 -7.000 0.000 1.000 1.000
74.29	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	15.58	3.1981E-04	86.79 77.90 86.79	77.93	UL-RL 4.5355E+04 -7.200 0.000 1.000 1.000
77.90	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	16.30	3.4109E-04	91.07 81.52 91.07	81.55	UL-RL 4.5355E+04 -7.400 0.000 1.000 1.000
81.52	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	17.03	3.6240E-04	95.35 85.13 95.35	85.16	UL-RL 4.5355E+04 -7.600 0.000 1.000 1.000
85.13	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	17.75	3.8372E-04	99.63 88.74 99.63	88.77	UL-RL 4.5355E+04 -7.800 0.000 1.000 1.000
88.74	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	9.234	4.0505E-04	103.9 92.34 103.9	92.37	UL-RL 4.5355E+04 -8.000 0.000 1.000 1.000
92.34	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:09:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.87619E-11	-1.87619E-11	1.88347E-12	8.57730E-12
2	2.26614E-11	-2.26614E-11	-4.44908E-12	1.10033E-11
3	-3.54889E-11	3.54889E-11	-1.22931E-11	5.24142E-12
4	0.38627	-0.38627	-4.76397E-12	7.72530E-02
5	1.2387	-1.2387	-7.72530E-02	0.32499
6	2.5548	-2.5548	-0.32499	0.83594
7	4.3317	-4.3317	-0.83594	1.7023
8	6.5660	-6.5660	-1.7023	3.0155
9	7.4310	-7.4310	-3.0155	4.5017
10	9.2964	-9.2964	-4.5017	6.3610
11	12.154	-12.154	-6.3610	8.7917
12	15.994	-15.994	-8.7917	11.990
13	20.803	-20.803	-11.990	16.151
14	26.567	-26.567	-16.151	21.464
15	33.265	-33.265	-21.464	28.117
16	40.876	-40.876	-28.117	36.293
17	35.256	-35.256	-36.293	43.344
18	24.195	-24.195	-43.344	48.183
19	7.9194	-7.9194	-48.183	49.767
20	-2.5507	2.5507	-49.767	49.256
21	-9.6084	9.6084	-49.256	47.335
22	-14.371	14.371	-47.335	44.461
23	-17.462	17.462	-44.461	40.968
24	-19.274	19.274	-40.968	37.114
25	-20.074	20.074	-37.114	33.099
26	-20.574	20.574	-33.099	28.984
27	-20.445	20.445	-28.984	24.895
28	-19.810	19.810	-24.895	20.933
29	-18.766	18.766	-20.933	17.180
30	-17.391	17.391	-17.180	13.702
31	-15.745	15.745	-13.702	10.552
32	-13.880	13.880	-10.552	7.7764
33	-11.835	11.835	-7.7764	5.4094
34	-9.6409	9.6409	-5.4094	3.4813
35	-7.3232	7.3232	-3.4813	2.0166
36	-4.9347	4.9347	-2.0166	1.0297
37	-3.0100	3.0100	-1.0297	0.42769
38	-1.5507	1.5507	-0.42769	0.11756
39	-0.55741	0.55741	-0.11756	6.07487E-03
40	-3.03739E-02	3.03739E-02	-6.07487E-03	1.01105E-12

ITER 0 RNORM = 3.342 RMNORM= 0.000  
RINORM=0.3297E+05 RIMNOR=0.4639E+05  
RENORM= 4.011 REMNOR=0.1034E-21 RATIO =0.1103E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 40.88 RMMAX = 49.77  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.3297E+05 RDR =0.4639E+05  
RATIOT=0.1103E-01 RATIO= 0.000  
MAX UN=0.5513 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F  
MIN UN=-.3507E-10 IEQ= 73 NODE 37 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 3.342 RMNORM= 0.000  
RINORM=0.3297E+05 RIMNOR=0.4639E+05  
RENORM=0.2629E-01 REMNOR=0.1697E-21 RATIO =0.8930E-03 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 40.88 RMMAX = 49.77  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.3297E+05 RDR =0.4639E+05  
RATIOT=0.8930E-03 RATIO= 0.000  
MAX UN=0.1547 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.1580E-03 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 3.342 RMNORM= 0.000  
RINORM=0.3297E+05 RIMNOR=0.4639E+05  
RENORM=0.2802E-19 REMNOR=0.1347E-21 RATIO =0.9220E-12 TOLER =0.1000E-03 CONVERGED !



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RFMAX = 40.88      RMMAX = 49.77
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT   =0.3297E+05 RDR   =0.4639E+05
RATIOT=0.9220E-12 RATOR= 0.000
MAX UN=0.8425E-10 IEQ=   3 NODE   2 DOF   1 Y-DISPL.F
MIN UN=-.5363E-10 IEQ=   1 NODE   1 DOF   1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS      0
```

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.Nominal\_63  
Exe Time :13 June 2018 14:09:48

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	5.5662536E-04	-1.3596344E-04	
2	5.2943318E-04	-1.3595593E-04	
3	5.0224499E-04	-1.3591840E-04	
4	4.7506982E-04	-1.3582080E-04	
5	4.4792299E-04	-1.3562842E-04	
6	4.2082841E-04	-1.3528666E-04	
7	3.9382395E-04	-1.3471062E-04	
8	3.6696745E-04	-1.3378531E-04	
9	3.4034277E-04	-1.3236581E-04	
10	3.1406040E-04	-1.3035721E-04	
11	2.8824307E-04	-1.2770087E-04	
12	2.6303131E-04	-1.2427568E-04	
13	2.3859662E-04	-1.1989317E-04	
14	2.1515486E-04	-1.1429841E-04	
15	1.9297943E-04	-1.0717108E-04	
16	1.7241422E-04	-9.8126791E-05	
17	1.5388596E-04	-8.6722387E-05	
18	1.3788602E-04	-7.2905218E-05	
19	1.2484957E-04	-5.7202662E-05	
20	1.1507368E-04	-4.0469355E-05	
21	1.0867376E-04	-2.3557454E-05	
22	1.0562428E-04	-7.0423757E-06	
23	1.0580423E-04	8.6839399E-06	
24	1.0902771E-04	2.3358062E-05	
25	1.1506614E-04	3.6812582E-05	
26	1.2366527E-04	4.8955010E-05	
27	1.3455731E-04	5.9735687E-05	
28	1.4746746E-04	6.9135894E-05	
29	1.6212092E-04	7.7174882E-05	
30	1.7825001E-04	8.3902915E-05	
31	1.9559973E-04	8.9395599E-05	
32	2.1393224E-04	9.3749469E-05	
33	2.3303110E-04	9.7078441E-05	
34	2.5270383E-04	9.9510665E-05	
35	2.7278492E-04	1.0118622E-04	
36	2.9313788E-04	1.0225520E-04	
37	3.1365696E-04	1.0287512E-04	
38	3.3426765E-04	1.0319233E-04	
39	3.5492159E-04	1.0332497E-04	
40	3.7559132E-04	1.0336291E-04	
41	3.9626485E-04	1.0336766E-04	



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33 D	16.50	-2.3303E-04	131.0	82.49	131.0	103.7	UL-RL	9.1227E+04	-6.400	0.000	1.000	1.000
82.49	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	16.79	-2.5270E-04	135.4	83.94	135.4	107.0	UL-RL	9.1227E+04	-6.600	0.000	1.000	1.000
83.94	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	17.07	-2.7278E-04	140.0	85.35	140.0	110.2	UL-RL	9.1227E+04	-6.800	0.000	1.000	1.000
85.35	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	17.35	-2.9314E-04	144.2	86.73	144.2	113.5	UL-RL	9.1227E+04	-7.000	0.000	1.000	1.000
86.73	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	17.62	-3.1366E-04	148.8	88.09	148.8	116.7	UL-RL	9.1227E+04	-7.200	0.000	1.000	1.000
88.09	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	17.89	-3.3427E-04	153.3	89.44	153.3	119.9	UL-RL	9.1227E+04	-7.400	0.000	1.000	1.000
89.44	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	18.16	-3.5492E-04	157.9	90.78	157.9	123.2	UL-RL	9.1227E+04	-7.600	0.000	1.000	1.000
90.78	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	18.42	-3.7559E-04	162.4	92.11	162.4	126.4	UL-RL	9.1227E+04	-7.800	0.000	1.000	1.000
92.11	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.345	-3.9626E-04	166.7	93.45	166.7	129.6	UL-RL	9.1227E+04	-8.000	0.000	1.000	1.000
93.45	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									



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33 D	14.37	2.3303E-04	69.67 71.83 75.08	72.01	UL-RL 4.5355E+04 -6.400 0.000 1.000 1.000
71.83	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	14.49	2.5270E-04	73.95 72.43 77.52	72.64	UL-RL 4.5355E+04 -6.600 0.000 1.000 1.000
72.43	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	14.62	2.7278E-04	78.23 73.11 79.96	73.36	UL-RL 4.5355E+04 -6.800 0.000 1.000 1.000
73.11	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	14.81	2.9314E-04	82.51 74.04 82.51	74.32	UL-RL 4.5355E+04 -7.000 0.000 1.000 1.000
74.04	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	15.52	3.1366E-04	86.79 77.62 86.79	77.93	UL-RL 4.5355E+04 -7.200 0.000 1.000 1.000
77.62	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	16.24	3.3427E-04	91.07 81.21 91.07	81.55	UL-RL 4.5355E+04 -7.400 0.000 1.000 1.000
81.21	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	16.96	3.5492E-04	95.35 84.79 95.35	85.16	UL-RL 4.5355E+04 -7.600 0.000 1.000 1.000
84.79	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	17.67	3.7559E-04	99.63 88.37 99.63	88.77	UL-RL 4.5355E+04 -7.800 0.000 1.000 1.000
88.37	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	9.195	3.9626E-04	103.9 91.95 103.9	92.37	UL-RL 4.5355E+04 -8.000 0.000 1.000 1.000
91.95	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.23754	-0.23754	5.37712E-12	4.75088E-02
2	0.71263	-0.71263	-4.75088E-02	0.19004
3	1.1877	-1.1877	-0.19004	0.42758
4	1.8112	-1.8112	-0.42758	0.78982
5	2.9152	-2.9152	-0.78982	1.3729
6	4.4972	-4.4972	-1.3729	2.2723
7	6.5541	-6.5541	-2.2723	3.5831
8	9.0822	-9.0822	-3.5831	5.3996
9	9.5573	-9.5573	-5.3996	7.3110
10	10.937	-10.937	-7.3110	9.4985
11	13.389	-13.389	-9.4985	12.176
12	16.901	-16.901	-12.176	15.556
13	21.455	-21.455	-15.556	19.848
14	27.035	-27.035	-19.848	25.255
15	33.618	-33.618	-25.255	31.978
16	41.055	-41.055	-31.978	40.189
17	35.287	-35.287	-40.189	47.247
18	24.367	-24.367	-47.247	52.120
19	8.2465	-8.2465	-52.120	53.769
20	-2.5930	2.5930	-53.769	53.251
21	-9.9653	9.9653	-53.251	51.258
22	-14.991	14.991	-51.258	48.259
23	-18.300	18.300	-48.259	44.599
24	-20.288	20.288	-44.599	40.542
25	-21.227	21.227	-40.542	36.296
26	-21.858	21.858	-36.296	31.925
27	-21.822	21.822	-31.925	27.560
28	-21.247	21.247	-27.560	23.311
29	-20.232	20.232	-23.311	19.265
30	-18.855	18.855	-19.265	15.494
31	-17.177	17.177	-15.494	12.058
32	-15.252	15.252	-12.058	9.0078
33	-13.122	13.122	-9.0078	6.3835
34	-10.820	10.820	-6.3835	4.2196
35	-8.3728	8.3728	-4.2196	2.5450
36	-5.8353	5.8353	-2.5450	1.3779
37	-3.7427	3.7427	-1.3779	0.62939
38	-2.0971	2.0971	-0.62939	0.20997
39	-0.89951	0.89951	-0.20997	3.00677E-02
40	-0.15034	0.15034	-3.00677E-02	8.73884E-13

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	3

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.02 [sec]

DATABASE CREATION CPU TIME..... 0.06 [sec]



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## Design Assumption : SLE (Rara/Frequente/Quasi Permanente) - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
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```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

STARTING

```

ACCEPTED &lt;FILE,GENW &gt;
ACCEPTED &lt;FILE,PLOTTER,BINARY &gt;
ACCEPTED &lt;SOLVE TOTAL_STRESS &gt;
ACCEPTED &lt;PARAM ITEMAX 40 &gt;
ACCEPTED &lt;CONTROL HINGES 0 0.0001 0.001 &gt;

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	41
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	82
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	79
NO. OF LONG NAMES (LASTNAME) .....	15
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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P R E P R O C E S S O R D A T A

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```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -8 0 1
7 : SOIL 0_L LeftWall_32 -8 0 1 0
8 : SOIL 0_R LeftWall_32 -8 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -8 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 5 25 0 20 45
34 : STEP Stage1_31
35 : CHANGE Riporto_2_8_L_0 U-FRICT=23 LeftWall_32
36 : CHANGE Riporto_2_8_L_0 D-FRICT=23 LeftWall_32
37 : CHANGE Riporto_2_8_L_0 U-KA=0.376 LeftWall_32
38 : CHANGE Riporto_2_8_L_0 U-KP=3.039 LeftWall_32
39 : CHANGE Riporto_2_8_L_0 D-KA=0.376 LeftWall_32
40 : CHANGE Riporto_2_8_L_0 D-KP=3.039 LeftWall_32
41 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-FRICT=37 LeftWall_32
42 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-FRICT=37 LeftWall_32
43 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KA=0.205 LeftWall_32
44 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KP=7.519 LeftWall_32
45 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KA=0.205 LeftWall_32
46 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KP=7.519 LeftWall_32
47 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-FRICT=37 LeftWall_32
48 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-FRICT=37 LeftWall_32
49 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KA=0.205 LeftWall_32
50 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KP=7.519 LeftWall_32
51 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KA=0.205 LeftWall_32
52 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KP=7.519 LeftWall_32
53 : CHANGE Riporto_2_8_L_0 U-COHE=5 LeftWall_32
54 : CHANGE Riporto_2_8_L_0 U-ADHES=0 LeftWall_32
55 : CHANGE Riporto_2_8_L_0 D-COHE=5 LeftWall_32
56 : CHANGE Riporto_2_8_L_0 D-ADHES=0 LeftWall_32
57 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-COHE=10 LeftWall_32
58 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-ADHES=0 LeftWall_32
59 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-COHE=10 LeftWall_32
60 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-ADHES=0 LeftWall_32
61 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-COHE=20 LeftWall_32
62 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-ADHES=0 LeftWall_32
63 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-COHE=20 LeftWall_32
64 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-ADHES=0 LeftWall_32
65 : SETWALL LeftWall_32
66 : GEOM 0 0
67 : WATER -0.5 0 -8 0 0
68 : ADD WallElement_33
69 : ENDSTEP
70 : STEP Stage2_446
71 : SETWALL LeftWall_32
72 : GEOM 0 -3.1
73 : WATER -12.4 0 -8 0 0
74 : ENDSTEP
75 : STEP Stage3_549
76 : SETWALL LeftWall_32
77 : GEOM 0 -3.1

```

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78 : WATER -12.4 0 -8 0 0  
79 : ENDSTEP

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NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD /
1	0.0000	0.0000 /	2	0.0000 -0.20000 /	3	0.0000 -0.40000 /	4	0.0000 -0.60000 /
5	0.0000	-0.80000 /	6	0.0000 -1.0000 /	7	0.0000 -1.2000 /	8	0.0000 -1.4000 /
9	0.0000	-1.6000 /	10	0.0000 -1.8000 /	11	0.0000 -2.0000 /	12	0.0000 -2.2000 /
13	0.0000	-2.4000 /	14	0.0000 -2.6000 /	15	0.0000 -2.8000 /	16	0.0000 -3.0000 /
17	0.0000	-3.2000 /	18	0.0000 -3.4000 /	19	0.0000 -3.6000 /	20	0.0000 -3.8000 /
21	0.0000	-4.0000 /	22	0.0000 -4.2000 /	23	0.0000 -4.4000 /	24	0.0000 -4.6000 /
25	0.0000	-4.8000 /	26	0.0000 -5.0000 /	27	0.0000 -5.2000 /	28	0.0000 -5.4000 /
29	0.0000	-5.6000 /	30	0.0000 -5.8000 /	31	0.0000 -6.0000 /	32	0.0000 -6.2000 /
33	0.0000	-6.4000 /	34	0.0000 -6.6000 /	35	0.0000 -6.8000 /	36	0.0000 -7.0000 /
37	0.0000	-7.2000 /	38	0.0000 -7.4000 /	39	0.0000 -7.6000 /	40	0.0000 -7.8000 /
41	0.0000	-8.0000 /						

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-----
    
```

```

ELEMENT GROUP NO. 1

0_L
 5 41 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0 0
    
```

```

.....2D PLASTIC SOIL .....
    
```

element group behaviour throughout stage analysis

```

stage status
-----
 1 active
 2 active
 3 active
    
```

```

material set no. 1

prop( 1) angle          0.00000
prop( 2) layer as foreseen 1.00000
    
```

```

material set no. 2

prop( 1) angle          0.00000
prop( 2) layer as foreseen 2.00000
    
```

```

material set no. 3

prop( 1) angle          0.00000
prop( 2) layer as foreseen 3.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.1000	0.000	0.000	0.000	1.000

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ELEMENT GROUP NO. 2

0\_R  
5 41 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

.....  
.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

stage status  
-----  
1 active  
2 active  
3 active

material set no. 1  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3  
prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.1000	0.000	0.000	0.000	2.000

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ELEMENT GROUP NO. 3

WallElement\_33

2 40 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status

1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1

step inertia multiplier

1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000



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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

## GENERAL CONTRACTOR



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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)



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DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 9 VALUES

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NewProject.BaseDesignSection_28.SLERaraFrequenteQuasiPermanente_3745
Exe Time :13 June 2018 14:09:48
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PHASE DESCRIPTORS

STEP NO. 1

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	0.000	0.000
Z-WATER_TABLE	-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====  
=====end of step 1

STEP NO. 2

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.100	0.000
Z-WATER_TABLE	-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====  
=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.100	0.000
Z-WATER_TABLE	-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

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NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time :13 June 2018 14:09:48

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.000000000000000  
FOUNDATION WIDTH (B) 25.000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 20.000000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 2879

NO. OF D.P.W FOR THIS AREA 4848  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.8835E-28 REMNOR= 0.000 RATIO =0.6042E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.6042E-16 RATIOR= 0.000  
MAX UN=0.3553E-14 IEQ= 53 NODE 27 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.4364E-29 REMNOR=0.1087E-53 RATIO =0.1343E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.1343E-16 RATIOR= 0.000  
MAX UN=0.9976E-17 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.6841E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.4367E-29 REMNOR=0.2127E-53 RATIO =0.1343E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.1343E-16 RATIOR= 0.000  
MAX UN=0.3790E-17 IEQ= 1 NODE 1 DOF 1 Y-DISPL.F  
MIN UN=-.6337E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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Exe Time :13 June 2018 14:09:48

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS



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33 D	24.46	2.2381E-20	77.73 63.29 77.73	63.29	V-C 1.4103E+05 -6.400 59.00 1.000 1.000
122.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	25.23	2.3418E-20	80.30 65.14 80.30	65.14	V-C 1.4103E+05 -6.600 61.00 1.000 1.000
126.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	26.00	2.4536E-20	83.06 66.98 83.06	66.98	V-C 1.4103E+05 -6.800 63.00 1.000 1.000
130.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	26.76	2.5738E-20	85.45 68.82 85.45	68.82	V-C 1.4103E+05 -7.000 65.00 1.000 1.000
133.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	27.53	2.7020E-20	88.19 70.65 88.19	70.65	V-C 1.4103E+05 -7.200 67.00 1.000 1.000
137.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	28.30	2.8372E-20	90.92 72.48 90.92	72.48	V-C 1.4103E+05 -7.400 69.00 1.000 1.000
141.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	29.06	2.9776E-20	93.63 74.31 93.63	74.31	V-C 1.4103E+05 -7.600 71.00 1.000 1.000
145.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	29.83	3.1208E-20	96.33 76.14 96.33	76.14	V-C 1.4103E+05 -7.800 73.00 1.000 1.000
149.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.30	3.2642E-20	98.72 77.96 98.72	77.96	V-C 1.4103E+05 -8.000 75.00 1.000 1.000
153.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		





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33 D	24.46	-2.2381E-20	75.08 63.29 75.08	63.29	V-C 7.0113E+04 -6.400 59.00 1.000 1.000
122.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	25.23	-2.3418E-20	77.52 65.14 77.52	65.14	V-C 7.0113E+04 -6.600 61.00 1.000 1.000
126.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	26.00	-2.4536E-20	79.96 66.98 79.96	66.98	V-C 7.0113E+04 -6.800 63.00 1.000 1.000
130.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	26.76	-2.5738E-20	82.40 68.82 82.40	68.82	V-C 7.0113E+04 -7.000 65.00 1.000 1.000
133.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	27.53	-2.7020E-20	84.84 70.65 84.84	70.65	V-C 7.0113E+04 -7.200 67.00 1.000 1.000
137.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	28.30	-2.8372E-20	87.28 72.48 87.28	72.48	V-C 7.0113E+04 -7.400 69.00 1.000 1.000
141.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	29.06	-2.9776E-20	89.72 74.31 89.72	74.31	V-C 7.0113E+04 -7.600 71.00 1.000 1.000
145.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	29.83	-3.1208E-20	92.16 76.14 92.16	76.14	V-C 7.0113E+04 -7.800 73.00 1.000 1.000
149.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.30	-3.2642E-20	94.60 77.96 94.60	77.96	V-C 7.0113E+04 -8.000 75.00 1.000 1.000
153.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time :13 June 2018 14:09:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-3.78963E-18	3.78963E-18	3.15544E-29	7.57927E-19	
2-7.38008E-18	7.38008E-18	7.57927E-19	2.23394E-18	
3-6.98234E-18	6.98234E-18	2.23394E-18	3.63041E-18	
4-2.59837E-18	2.59837E-18	3.63041E-18	4.15009E-18	
5 5.76780E-18	5.76780E-18	4.15009E-18	2.99653E-18	
6 1.81095E-17	1.81095E-17	2.99653E-18	6.25369E-19	
7 3.44168E-17	3.44168E-17	6.25369E-19	7.50872E-18	
8 5.46763E-17	5.46763E-17	7.50872E-18	1.84440E-17	
9 1.31568E-16	1.31568E-16	1.84440E-17	4.47576E-17	
10 2.20898E-16	2.20898E-16	4.47576E-17	8.89372E-17	
11 3.22588E-16	3.22588E-16	8.89372E-17	1.53455E-16	
12 4.36549E-16	4.36549E-16	1.53455E-16	2.40765E-16	
13 5.62683E-16	5.62683E-16	2.40765E-16	3.53301E-16	
14 7.00893E-16	7.00893E-16	3.53301E-16	4.93480E-16	
15 8.51081E-16	8.51081E-16	4.93480E-16	6.63696E-16	
16 1.01316E-15	1.01316E-15	6.63696E-16	8.66330E-16	
17 1.18707E-15	1.18707E-15	8.66330E-16	1.10374E-15	
18-2.17995E-15	2.17995E-15	1.10374E-15	6.67753E-16	
19-1.98248E-15	1.98248E-15	6.67753E-16	2.71258E-16	
20-1.77319E-15	1.77319E-15	2.71258E-16	8.33790E-17	
21-1.55200E-15	1.55200E-15	8.33790E-17	3.93779E-16	
22-1.31876E-15	1.31876E-15	3.93779E-16	6.57531E-16	
23-1.07329E-15	1.07329E-15	6.57531E-16	8.72188E-16	
24-8.15321E-16	8.15321E-16	8.72188E-16	1.03525E-15	
25-5.44567E-16	5.44567E-16	1.03525E-15	1.14417E-15	
26-1.89709E-16	1.89709E-16	1.14417E-15	1.18211E-15	
27 3.73475E-15	3.73475E-15	1.18211E-15	4.35157E-16	
28 4.12391E-15	4.12391E-15	4.35157E-16	3.89625E-16	
29-2.57443E-15	2.57443E-15	3.89625E-16	1.25261E-16	
30-2.14887E-15	2.14887E-15	1.25261E-16	5.55035E-16	
31-1.70429E-15	1.70429E-15	5.55035E-16	8.95890E-16	
32-1.24017E-15	1.24017E-15	8.95890E-16	1.14392E-15	
33-7.56010E-16	7.56010E-16	1.14392E-15	1.29513E-15	
34-2.51361E-16	2.51361E-16	1.29513E-15	1.34540E-15	
35 2.74185E-16	2.74185E-16	1.34540E-15	1.29056E-15	
36 8.20972E-16	8.20972E-16	1.29056E-15	1.12637E-15	
37 1.38927E-15	1.38927E-15	1.12637E-15	8.48513E-16	
38 1.97928E-15	1.97928E-15	8.48513E-16	4.52657E-16	
39 2.59113E-15	2.59113E-15	4.52657E-16	6.55685E-17	
40-3.27838E-16	3.27838E-16	6.55685E-17	2.77679E-28	

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1484E+05 RIMNOR=0.3730E-28  
RENORM= 1651. REMNOR=0.2127E-53 RATIO =0.3335 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 26.12 RMMAX =0.1345E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1484E+05 RDR =0.1000E-19  
RATIOT=0.3335 RATOR= 0.000  
MAX UN= 9.592 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
MIN UN=-14.53 IEQ= 37 NODE 19 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1484E+05 RIMNOR=0.3730E-28  
RENORM=0.2697 REMNOR=0.8778E-21 RATIO =0.4263E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 26.12 RMMAX =0.1345E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1484E+05 RDR =0.1000E-19  
RATIOT=0.4263E-02 RATOR= 0.000  
MAX UN=0.5169 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.6856E-10 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1484E+05 RIMNOR=0.3730E-28  
RENORM=0.2502E-03 REMNOR=0.1507E-21 RATIO =0.1298E-03 TOLER =0.1000E-03 NOT CONVERGED

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RFMAX = 26.12      RMMAX =0.1345E-14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
RDT  =0.1484E+05 RDR  =0.1000E-19
RATIOT=0.1298E-03 RATIO= 0.000
MAX UN=0.4538E-02 IEQ=   75 NODE    38 DOF   1  Y-DISPL.F
MIN UN=-.5923E-10 IEQ=    3 NODE     2 DOF   1  Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS    0
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ITER  4 RNORM = 0.000      RMNORM= 0.000
RINORM=0.1484E+05 RIMNOR=0.3730E-28
RENORM=0.4925E-07 REMNOR=0.1034E-21 RATIO =0.1822E-05 TOLER =0.1000E-03    CONVERGED !
RFMAX = 26.12      RMMAX =0.1345E-14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
RDT  =0.1484E+05 RDR  =0.1000E-19
RATIOT=0.1822E-05 RATIO= 0.000
MAX UN=0.1580E-03 IEQ=    3 NODE     2 DOF   1  Y-DISPL.F
MIN UN=-.7536E-10 IEQ=    7 NODE     4 DOF   1  Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS    0
```

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745  
Exe Time :13 June 2018 14:09:48

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	4.3640953E-04	-1.0502717E-04	
2	4.1540410E-04	-1.0502717E-04	
3	3.9439867E-04	-1.0502717E-04	
4	3.7339323E-04	-1.0502717E-04	
5	3.5238861E-04	-1.0501496E-04	
6	3.3139067E-04	-1.0495140E-04	
7	3.1041604E-04	-1.0476794E-04	
8	2.8949800E-04	-1.0436683E-04	
9	2.6869227E-04	-1.0362130E-04	
10	2.4807897E-04	-1.0243340E-04	
11	2.2775416E-04	-1.0071682E-04	
12	2.0783744E-04	-9.8322302E-05	
13	1.8848454E-04	-9.5038180E-05	
14	1.6989970E-04	-9.0591101E-05	
15	1.5234791E-04	-8.4646904E-05	
16	1.3616701E-04	-7.6811705E-05	
17	1.2177938E-04	-6.6633204E-05	
18	1.0967406E-04	-5.4048595E-05	
19	1.0028520E-04	-3.9585038E-05	
20	9.3907707E-05	-2.4106506E-05	
21	9.0653923E-05	-8.4583708E-06	
22	9.0498764E-05	6.8055529E-06	
23	9.3325620E-05	2.1311614E-05	
24	9.8956338E-05	3.4811609E-05	
25	1.0717286E-04	4.7150566E-05	
26	1.1773366E-04	5.8245924E-05	
27	1.3038552E-04	6.8056554E-05	
28	1.4486979E-04	7.6570826E-05	
29	1.6092903E-04	8.3812824E-05	
30	1.7831364E-04	8.9835606E-05	
31	1.9678709E-04	9.4715641E-05	
32	2.1612998E-04	9.8548388E-05	
33	2.3614393E-04	1.0144483E-04	
34	2.5665373E-04	1.0352854E-04	
35	2.7751009E-04	1.0493351E-04	
36	2.9859139E-04	1.0580231E-04	
37	3.1980509E-04	1.0628371E-04	
38	3.4108803E-04	1.0651401E-04	
39	3.6240108E-04	1.0660018E-04	
40	3.8372366E-04	1.0661971E-04	
41	4.0504805E-04	1.0662067E-04	



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33 D	16.44	-2.3614E-04	131.0	82.20	131.0	103.7	UL-RL	9.1227E+04	-6.400	0.000	1.000	1.000
82.20	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	16.72	-2.5665E-04	135.4	83.58	135.4	107.0	UL-RL	9.1227E+04	-6.600	0.000	1.000	1.000
83.58	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	16.98	-2.7751E-04	140.0	84.92	140.0	110.2	UL-RL	9.1227E+04	-6.800	0.000	1.000	1.000
84.92	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	17.25	-2.9859E-04	144.2	86.23	144.2	113.5	UL-RL	9.1227E+04	-7.000	0.000	1.000	1.000
86.23	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	17.51	-3.1981E-04	148.8	87.53	148.8	116.7	UL-RL	9.1227E+04	-7.200	0.000	1.000	1.000
87.53	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	17.76	-3.4109E-04	153.3	88.81	153.3	119.9	UL-RL	9.1227E+04	-7.400	0.000	1.000	1.000
88.81	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	18.02	-3.6240E-04	157.9	90.10	157.9	123.2	UL-RL	9.1227E+04	-7.600	0.000	1.000	1.000
90.10	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	18.27	-3.8372E-04	162.4	91.37	162.4	126.4	UL-RL	9.1227E+04	-7.800	0.000	1.000	1.000
91.37	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.265	-4.0505E-04	166.7	92.65	166.7	129.6	UL-RL	9.1227E+04	-8.000	0.000	1.000	1.000
92.65	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									



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33 D	14.40	2.3614E-04	69.67 71.98 75.08	72.01	UL-RL 4.5355E+04 -6.400 0.000 1.000 1.000
71.98	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	14.52	2.5665E-04	73.95 72.61 77.52	72.64	UL-RL 4.5355E+04 -6.600 0.000 1.000 1.000
72.61	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	14.67	2.7751E-04	78.23 73.33 79.96	73.36	UL-RL 4.5355E+04 -6.800 0.000 1.000 1.000
73.33	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	14.86	2.9859E-04	82.51 74.29 82.51	74.32	UL-RL 4.5355E+04 -7.000 0.000 1.000 1.000
74.29	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	15.58	3.1981E-04	86.79 77.90 86.79	77.93	UL-RL 4.5355E+04 -7.200 0.000 1.000 1.000
77.90	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	16.30	3.4109E-04	91.07 81.52 91.07	81.55	UL-RL 4.5355E+04 -7.400 0.000 1.000 1.000
81.52	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	17.03	3.6240E-04	95.35 85.13 95.35	85.16	UL-RL 4.5355E+04 -7.600 0.000 1.000 1.000
85.13	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	17.75	3.8372E-04	99.63 88.74 99.63	88.77	UL-RL 4.5355E+04 -7.800 0.000 1.000 1.000
88.74	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	9.234	4.0505E-04	103.9 92.34 103.9	92.37	UL-RL 4.5355E+04 -8.000 0.000 1.000 1.000
92.34	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SLERaraFrequenteQuasiPermanente\_3745

Exe Time :13 June 2018 14:09:48

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.87619E-11	-1.87619E-11	1.88347E-12	8.57730E-12
2	2.26614E-11	-2.26614E-11	-4.44908E-12	1.10033E-11
3	-3.54889E-11	3.54889E-11	-1.22931E-11	5.24142E-12
4	0.38627	-0.38627	-4.76397E-12	7.72530E-02
5	1.2387	-1.2387	-7.72530E-02	0.32499
6	2.5548	-2.5548	-0.32499	0.83594
7	4.3317	-4.3317	-0.83594	1.7023
8	6.5660	-6.5660	-1.7023	3.0155
9	7.4310	-7.4310	-3.0155	4.5017
10	9.2964	-9.2964	-4.5017	6.3610
11	12.154	-12.154	-6.3610	8.7917
12	15.994	-15.994	-8.7917	11.990
13	20.803	-20.803	-11.990	16.151
14	26.567	-26.567	-16.151	21.464
15	33.265	-33.265	-21.464	28.117
16	40.876	-40.876	-28.117	36.293
17	35.256	-35.256	-36.293	43.344
18	24.195	-24.195	-43.344	48.183
19	7.9194	-7.9194	-48.183	49.767
20	-2.5507	2.5507	-49.767	49.256
21	-9.6084	9.6084	-49.256	47.335
22	-14.371	14.371	-47.335	44.461
23	-17.462	17.462	-44.461	40.968
24	-19.274	19.274	-40.968	37.114
25	-20.074	20.074	-37.114	33.099
26	-20.574	20.574	-33.099	28.984
27	-20.445	20.445	-28.984	24.895
28	-19.810	19.810	-24.895	20.933
29	-18.766	18.766	-20.933	17.180
30	-17.391	17.391	-17.180	13.702
31	-15.745	15.745	-13.702	10.552
32	-13.880	13.880	-10.552	7.7764
33	-11.835	11.835	-7.7764	5.4094
34	-9.6409	9.6409	-5.4094	3.4813
35	-7.3232	7.3232	-3.4813	2.0166
36	-4.9347	4.9347	-2.0166	1.0297
37	-3.0100	3.0100	-1.0297	0.42769
38	-1.5507	1.5507	-0.42769	0.11756
39	-0.55741	0.55741	-0.11756	6.07487E-03
40	-3.03739E-02	3.03739E-02	-6.07487E-03	1.01105E-12

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3302E+05 RIMNOR=0.4639E+05  
RENORM=0.4925E-07 REMNOR=0.1034E-21 RATIO =0.1221E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.88 RMMAX = 49.77  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.3302E+05 RDR =0.4639E+05  
RATIOT=0.1221E-05 RATIOR= 0.000  
MAX UN=0.1580E-03 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.7536E-10 IEQ= 7 NODE 4 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3302E+05 RIMNOR=0.4639E+05  
RENORM=0.1318E-09 REMNOR=0.3416E-22 RATIO =0.6317E-07 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 40.88 RMMAX = 49.77  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.3302E+05 RDR =0.4639E+05  
RATIOT=0.6317E-07 RATIOR= 0.000  
MAX UN=0.8360E-05 IEQ= 33 NODE 17 DOF 1 Y-DISPL.F  
MIN UN=-.6015E-10 IEQ= 71 NODE 36 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3302E+05 RIMNOR=0.4639E+05  
RENORM=0.3980E-13 REMNOR=0.9552E-22 RATIO =0.1098E-08 TOLER =0.1000E-03 CONVERGED !

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```
RFMAX = 40.88      RMMAX = 49.77
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT   =0.3302E+05 RDR   =0.4639E+05
RATIOT=0.1098E-08 RATOR= 0.000
MAX UN=0.1995E-06 IEQ=   47 NODE   24 DOF   1  Y-DISPL.F
MIN UN=-.5509E-10 IEQ=    3 NODE    2 DOF   1  Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS      0
```

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New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	4.3641800E-04	-1.0502998E-04	
2	4.1541201E-04	-1.0502998E-04	
3	3.9440601E-04	-1.0502997E-04	
4	3.7340002E-04	-1.0502995E-04	
5	3.5239485E-04	-1.0501770E-04	
6	3.3139636E-04	-1.0495407E-04	
7	3.1042121E-04	-1.0477054E-04	
8	2.8950266E-04	-1.0436934E-04	
9	2.6869644E-04	-1.0362369E-04	
10	2.4808267E-04	-1.0243566E-04	
11	2.2775742E-04	-1.0071895E-04	
12	2.0784029E-04	-9.8324290E-05	
13	1.8848701E-04	-9.5040023E-05	
14	1.6990181E-04	-9.0592798E-05	
15	1.5234970E-04	-8.4648454E-05	
16	1.3616850E-04	-7.6813112E-05	
17	1.2178060E-04	-6.6634471E-05	
18	1.0967504E-04	-5.4049728E-05	
19	1.0028598E-04	-3.9586042E-05	
20	9.3908290E-05	-2.4107389E-05	
21	9.0654340E-05	-8.4591407E-06	
22	9.0499038E-05	6.8048880E-06	
23	9.3325771E-05	2.1311046E-05	
24	9.8956384E-05	3.4811127E-05	
25	1.0717282E-04	4.7150163E-05	
26	1.1773354E-04	5.8245592E-05	
27	1.3038534E-04	6.8056284E-05	
28	1.4486957E-04	7.6570610E-05	
29	1.6092877E-04	8.3812656E-05	
30	1.7831335E-04	8.9835478E-05	
31	1.9678677E-04	9.4715547E-05	
32	2.1612965E-04	9.8548321E-05	
33	2.3614359E-04	1.0144479E-04	
34	2.5665338E-04	1.0352851E-04	
35	2.7750974E-04	1.0493349E-04	
36	2.9859104E-04	1.0580231E-04	
37	3.1980473E-04	1.0628371E-04	
38	3.4108767E-04	1.0651402E-04	
39	3.6240073E-04	1.0660018E-04	
40	3.8372331E-04	1.0661972E-04	
41	4.0504770E-04	1.0662068E-04	



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33 D	16.44	-2.3614E-04	131.0	82.20	131.0	103.7	UL-RL	9.1227E+04	-6.400	0.000	1.000	1.000
82.20	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	16.72	-2.5665E-04	135.4	83.58	135.4	107.0	UL-RL	9.1227E+04	-6.600	0.000	1.000	1.000
83.58	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	16.98	-2.7751E-04	140.0	84.92	140.0	110.2	UL-RL	9.1227E+04	-6.800	0.000	1.000	1.000
84.92	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	17.25	-2.9859E-04	144.2	86.23	144.2	113.5	UL-RL	9.1227E+04	-7.000	0.000	1.000	1.000
86.23	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	17.51	-3.1980E-04	148.8	87.53	148.8	116.7	UL-RL	9.1227E+04	-7.200	0.000	1.000	1.000
87.53	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	17.76	-3.4109E-04	153.3	88.81	153.3	119.9	UL-RL	9.1227E+04	-7.400	0.000	1.000	1.000
88.81	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	18.02	-3.6240E-04	157.9	90.10	157.9	123.2	UL-RL	9.1227E+04	-7.600	0.000	1.000	1.000
90.10	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	18.27	-3.8372E-04	162.4	91.37	162.4	126.4	UL-RL	9.1227E+04	-7.800	0.000	1.000	1.000
91.37	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.265	-4.0505E-04	166.7	92.65	166.7	129.6	UL-RL	9.1227E+04	-8.000	0.000	1.000	1.000
92.65	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									



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33 D	14.40	2.3614E-04	69.67 71.98 75.08	72.01	UL-RL 4.5355E+04 -6.400 0.000 1.000 1.000
71.98	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	14.52	2.5665E-04	73.95 72.61 77.52	72.64	UL-RL 4.5355E+04 -6.600 0.000 1.000 1.000
72.61	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	14.67	2.7751E-04	78.23 73.33 79.96	73.36	UL-RL 4.5355E+04 -6.800 0.000 1.000 1.000
73.33	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	14.86	2.9859E-04	82.51 74.29 82.51	74.32	UL-RL 4.5355E+04 -7.000 0.000 1.000 1.000
74.29	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	15.58	3.1980E-04	86.79 77.90 86.79	77.93	UL-RL 4.5355E+04 -7.200 0.000 1.000 1.000
77.90	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	16.30	3.4109E-04	91.07 81.52 91.07	81.55	UL-RL 4.5355E+04 -7.400 0.000 1.000 1.000
81.52	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	17.03	3.6240E-04	95.35 85.13 95.35	85.16	UL-RL 4.5355E+04 -7.600 0.000 1.000 1.000
85.13	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	17.75	3.8372E-04	99.63 88.74 99.63	88.77	UL-RL 4.5355E+04 -7.800 0.000 1.000 1.000
88.74	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	9.234	4.0505E-04	103.9 92.34 103.9	92.37	UL-RL 4.5355E+04 -8.000 0.000 1.000 1.000
92.34	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40

CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	4.33483E-05	-4.33483E-05	-2.83340E-12	8.66966E-06
2	1.82872E-04	-1.82872E-04	-8.66966E-06	4.52441E-05
3	3.11315E-04	-3.11315E-04	-4.52441E-05	1.07507E-04
4	0.38656	-0.38656	-1.07507E-04	7.74196E-02
5	1.2389	-1.2389	-7.74196E-02	0.32521
6	2.5551	-2.5551	-0.32521	0.83622
7	4.3320	-4.3320	-0.83622	1.7026
8	6.5662	-6.5662	-1.7026	3.0159
9	7.4312	-7.4312	-3.0159	4.5021
10	9.2965	-9.2965	-4.5021	6.3614
11	12.154	-12.154	-6.3614	8.7922
12	15.994	-15.994	-8.7922	11.991
13	20.803	-20.803	-11.991	16.151
14	26.567	-26.567	-16.151	21.465
15	33.265	-33.265	-21.465	28.118
16	40.876	-40.876	-28.118	36.293
17	35.256	-35.256	-36.293	43.344
18	24.195	-24.195	-43.344	48.183
19	7.9193	-7.9193	-48.183	49.767
20	-2.5508	2.5508	-49.767	49.257
21	-9.6085	9.6085	-49.257	47.335
22	-14.371	14.371	-47.335	44.461
23	-17.462	17.462	-44.461	40.969
24	-19.274	19.274	-40.969	37.114
25	-20.074	20.074	-37.114	33.099
26	-20.574	20.574	-33.099	28.984
27	-20.445	20.445	-28.984	24.895
28	-19.810	19.810	-24.895	20.933
29	-18.766	18.766	-20.933	17.180
30	-17.391	17.391	-17.180	13.702
31	-15.746	15.746	-13.702	10.553
32	-13.880	13.880	-10.553	7.7765
33	-11.835	11.835	-7.7765	5.4095
34	-9.6410	9.6410	-5.4095	3.4813
35	-7.3233	7.3233	-3.4813	2.0166
36	-4.9347	4.9347	-2.0166	1.0297
37	-3.0100	3.0100	-1.0297	0.42770
38	-1.5507	1.5507	-0.42770	0.11756
39	-0.55742	0.55742	-0.11756	6.07583E-03
40	-3.03787E-02	3.03787E-02	-6.07583E-03	3.80429E-12



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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.02 [sec]

DATABASE CREATION CPU TIME..... 0.06 [sec]

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Cepav due



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### Design Assumption : A1+M1+R1 (R3 per tiranti) - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
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```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	41
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	82
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	79
NO. OF LONG NAMES (LASTNAME) .....	15
LENGTH UNIT CHOICE .....	3 (M )
FORCE UNIT CHOICE .....	3 (KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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Cepav due



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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 79

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -8 0 1
7 : SOIL 0_L LeftWall_32 -8 0 1 0
8 : SOIL 0_R LeftWall_32 -8 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -8 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 5 25 0 23.08 45
34 : STEP Stage1_31
35 : CHANGE Riporto_2_8_L_0 U-FRICT=23 LeftWall_32
36 : CHANGE Riporto_2_8_L_0 D-FRICT=23 LeftWall_32
37 : CHANGE Riporto_2_8_L_0 U-KA=0.376 LeftWall_32
38 : CHANGE Riporto_2_8_L_0 U-KP=3.039 LeftWall_32
39 : CHANGE Riporto_2_8_L_0 D-KA=0.376 LeftWall_32
40 : CHANGE Riporto_2_8_L_0 D-KP=3.039 LeftWall_32
41 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-FRICT=37 LeftWall_32
42 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-FRICT=37 LeftWall_32
43 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KA=0.205 LeftWall_32
44 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KP=7.519 LeftWall_32
45 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KA=0.205 LeftWall_32
46 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KP=7.519 LeftWall_32
47 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-FRICT=37 LeftWall_32
48 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-FRICT=37 LeftWall_32
49 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KA=0.205 LeftWall_32
50 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KP=7.519 LeftWall_32
51 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KA=0.205 LeftWall_32
52 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KP=7.519 LeftWall_32
53 : CHANGE Riporto_2_8_L_0 U-COHE=5 LeftWall_32
54 : CHANGE Riporto_2_8_L_0 U-ADHES=0 LeftWall_32
55 : CHANGE Riporto_2_8_L_0 D-COHE=5 LeftWall_32
56 : CHANGE Riporto_2_8_L_0 D-ADHES=0 LeftWall_32
57 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-COHE=10 LeftWall_32
58 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-ADHES=0 LeftWall_32
59 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-COHE=10 LeftWall_32
60 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-ADHES=0 LeftWall_32
61 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-COHE=20 LeftWall_32
62 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-ADHES=0 LeftWall_32
63 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-COHE=20 LeftWall_32
64 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-ADHES=0 LeftWall_32
65 : SETWALL LeftWall_32
66 : GEOM 0 0
67 : WATER -0.5 0 -8 0 0
68 : ADD WallElement_33
69 : ENDSTEP
70 : STEP Stage2_446
71 : SETWALL LeftWall_32
72 : GEOM 0 -3.1
73 : WATER -12.4 0 -8 0 0
74 : ENDSTEP
75 : STEP Stage3_549
76 : SETWALL LeftWall_32
77 : GEOM 0 -3.1

```

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78 : WATER -12.4 0 -8 0 0  
79 : ENDSTEP

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N O D A L P O I N T D A T A

NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE
1	0.0000	0.0000 /	2	0.0000 -0.20000 /	3	0.0000 -0.40000 /	4	0.0000 -0.60000 /
5	0.0000	-0.80000 /	6	0.0000 -1.0000 /	7	0.0000 -1.2000 /	8	0.0000 -1.4000 /
9	0.0000	-1.6000 /	10	0.0000 -1.8000 /	11	0.0000 -2.0000 /	12	0.0000 -2.2000 /
13	0.0000	-2.4000 /	14	0.0000 -2.6000 /	15	0.0000 -2.8000 /	16	0.0000 -3.0000 /
17	0.0000	-3.2000 /	18	0.0000 -3.4000 /	19	0.0000 -3.6000 /	20	0.0000 -3.8000 /
21	0.0000	-4.0000 /	22	0.0000 -4.2000 /	23	0.0000 -4.4000 /	24	0.0000 -4.6000 /
25	0.0000	-4.8000 /	26	0.0000 -5.0000 /	27	0.0000 -5.2000 /	28	0.0000 -5.4000 /
29	0.0000	-5.6000 /	30	0.0000 -5.8000 /	31	0.0000 -6.0000 /	32	0.0000 -6.2000 /
33	0.0000	-6.4000 /	34	0.0000 -6.6000 /	35	0.0000 -6.8000 /	36	0.0000 -7.0000 /
37	0.0000	-7.2000 /	38	0.0000 -7.4000 /	39	0.0000 -7.6000 /	40	0.0000 -7.8000 /
41	0.0000	-8.0000 /						



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```

ELEMENT GROUP NO. 1

```

0_L
5 41 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage status
-----
1 active
2 active
3 active

```

```

material set no. 1
prop( 1) angle 0.00000
prop( 2) layer as foreseen 1.00000

```

```

material set no. 2
prop( 1) angle 0.00000
prop( 2) layer as foreseen 2.00000

```

```

material set no. 3
prop( 1) angle 0.00000
prop( 2) layer as foreseen 3.00000

```

```

element data
el n mat area ..... ..... ..... flag
-----

```

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.1000	0.000	0.000	0.000	1.000

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ELEMENT GROUP NO. 2

0\_R  
5 41 0 1 0 3 0 0 0 0 0

.....  
.....2D PLASTIC SOIL .....  
.....

element group behaviour throughout stage analysis

stage status

1 active  
2 active  
3 active

material set no. 1

prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.1000	0.000	0.000	0.000	2.000



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ELEMENT GROUP NO. 3

WallElement\_33  
2 40 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 1 0

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

stage status

1 active  
2 active  
3 active

material set no. 1

prop( 1) young modulus 0.314800E+08  
prop( 2) modification time 0.00000  
prop( 3) new young modulus 0.00000  
prop( 4) poisson ratio 0.00000  
prop( 5) future ..... 0.00000

no. of step variable items: 1

step inertia multiplier

1 1.000  
2 1.000  
3 1.000

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1  
 NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.37600	WALL NO.	1
ITEM NO.	11	U-KP	3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.37600	WALL NO.	1
ITEM NO.	61	D-KP	3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	0.20500	WALL NO.	1
ITEM NO.	61	D-KP	7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	0.20500	WALL NO.	1
ITEM NO.	11	U-KP	7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)



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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

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DEFAULT WATER UNIT WEIGHT = 10.000  
AVERAGED ON 9 VALUES

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PARATIEPLUS(TM)  NLS ENGINE RELEASE  2018.0  FULL VERSION  *Build date:Nov 13, 2017*
NewProject.BaseDesignSection_28.A1M1R1R3pertiranti_3775
Exe Time :13 June 2018  14:09:49
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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-3.100	0.000
Z-WATER_TABLE		-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.100	0.000
Z-WATER_TABLE	-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:09:49

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.000000000000000  
FOUNDATION WIDTH (B) 25.000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 23.080000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 2879

NO. OF D.P.W FOR THIS AREA 4848  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2463E+05 RIMNOR= 0.000  
RENORM=0.5128E-28 REMNOR= 0.000 RATIO =0.4563E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 30.01 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2463E+05 RDR = 0.000  
RATIOT=0.4563E-16 RATIOR= 0.000  
MAX UN=0.8882E-15 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 69 NODE 35 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2463E+05 RIMNOR= 0.000  
RENORM=0.3465E-29 REMNOR=0.7644E-54 RATIO =0.1186E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 30.01 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2463E+05 RDR = 0.000  
RATIOT=0.1186E-16 RATIOR= 0.000  
MAX UN=0.1286E-15 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.6311E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2463E+05 RIMNOR= 0.000  
RENORM=0.3357E-29 REMNOR=0.1398E-53 RATIO =0.1168E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 30.01 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2463E+05 RDR = 0.000  
RATIOT=0.1168E-16 RATIOR= 0.000  
MAX UN=0.1427E-15 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.6507E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

GENERAL CONTRACTOR



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:09:49

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS









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33 D	24.65	-2.1213E-20	75.08 64.25 75.08	64.25	V-C 7.0113E+04 -6.400 59.00 1.000 1.000
123.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	25.42	-2.2796E-20	77.52 66.10 77.52	66.10	V-C 7.0113E+04 -6.600 61.00 1.000 1.000
127.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	26.19	-2.4278E-20	79.96 67.94 79.96	67.94	V-C 7.0113E+04 -6.800 63.00 1.000 1.000
130.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	26.95	-2.5633E-20	82.40 69.77 82.40	69.77	V-C 7.0113E+04 -7.000 65.00 1.000 1.000
134.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	27.72	-2.6888E-20	84.84 71.60 84.84	71.60	V-C 7.0113E+04 -7.200 67.00 1.000 1.000
138.6	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	28.49	-2.8075E-20	87.28 73.43 87.28	73.43	V-C 7.0113E+04 -7.400 69.00 1.000 1.000
142.4	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	29.25	-2.9225E-20	89.72 75.25 89.72	75.25	V-C 7.0113E+04 -7.600 71.00 1.000 1.000
146.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	30.01	-3.0356E-20	92.16 77.07 92.16	77.07	V-C 7.0113E+04 -7.800 73.00 1.000 1.000
150.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.39	-3.1482E-20	94.60 78.89 94.60	78.89	V-C 7.0113E+04 -8.000 75.00 1.000 1.000
153.9	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:09:49

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-4.02413E-17	4.02413E-17	1.79860E-28	8.04825E-18	
2-1.16328E-16	1.16328E-16	8.04825E-18	3.13139E-17	
3-1.88018E-16	1.88018E-16	3.13139E-17	6.89174E-17	
4-2.55304E-16	2.55304E-16	6.89174E-17	1.19978E-16	
5-3.18174E-16	3.18174E-16	1.19978E-16	1.83613E-16	
6-3.76607E-16	3.76607E-16	1.83613E-16	2.58934E-16	
7-4.30573E-16	4.30573E-16	2.58934E-16	3.45049E-16	
8-4.80029E-16	4.80029E-16	3.45049E-16	4.41055E-16	
9-6.22695E-16	6.22695E-16	4.41055E-16	5.65594E-16	
10-1.37545E-16	1.37545E-16	5.65594E-16	5.38085E-16	
11-2.46013E-17	2.46013E-17	5.38085E-16	5.33165E-16	
12-7.30263E-17	7.30263E-17	5.33165E-16	5.47770E-16	
13-1.54964E-16	1.54964E-16	5.47770E-16	5.78763E-16	
14-2.20785E-16	2.20785E-16	5.78763E-16	6.22920E-16	
15-2.70009E-16	2.70009E-16	6.22920E-16	6.76922E-16	
16-3.02111E-16	3.02111E-16	6.76922E-16	7.37344E-16	
17-3.16524E-16	3.16524E-16	7.37344E-16	8.00649E-16	
18-3.12643E-16	3.12643E-16	8.00649E-16	8.63177E-16	
19-2.89840E-16	2.89840E-16	8.63177E-16	9.21145E-16	
20-2.47465E-16	2.47465E-16	9.21145E-16	9.70638E-16	
21-1.84864E-16	1.84864E-16	9.70638E-16	1.00761E-15	
22-1.01382E-16	1.01382E-16	1.00761E-15	1.02789E-15	
23-3.62058E-18	3.62058E-18	1.02789E-15	1.02716E-15	
24-1.30758E-16	1.30758E-16	1.02716E-15	1.00101E-15	
25-2.80609E-16	2.80609E-16	1.00101E-15	9.44890E-16	
26-4.96983E-16	4.96983E-16	9.44890E-16	8.45493E-16	
27-7.43016E-16	7.43016E-16	8.45493E-16	6.96890E-16	
28-1.01922E-15	1.01922E-15	6.96890E-16	4.93045E-16	
29-1.32604E-15	1.32604E-15	4.93045E-16	2.27837E-16	
30-1.66380E-15	1.66380E-15	2.27837E-16	1.04924E-16	
31-2.03276E-15	2.03276E-15	1.04924E-16	5.11474E-16	
32-2.43307E-15	2.43307E-15	5.11474E-16	9.98087E-16	
33-2.86480E-15	2.86480E-15	9.98087E-16	1.57105E-15	
34-3.32799E-15	3.32799E-15	1.57105E-15	2.23665E-15	
35-3.28285E-15	3.28285E-15	2.23665E-15	1.58008E-15	
36-2.75690E-15	2.75690E-15	1.58008E-15	1.02870E-15	
37-2.19968E-15	2.19968E-15	1.02870E-15	5.88764E-16	
38-1.61124E-15	1.61124E-15	5.88764E-16	2.66515E-16	
39-9.91648E-16	9.91648E-16	2.66515E-16	6.81856E-17	
40-3.40923E-16	3.40923E-16	6.81856E-17	3.91275E-28	

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1515E+05 RIMNOR=0.5153E-28  
RENORM= 1663. REMNOR=0.1398E-53 RATIO =0.3314 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 26.29 RMMAX =0.2237E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1515E+05 RDR =0.1000E-19  
RATIOT=0.3314 RATOR= 0.000  
MAX UN= 9.746 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
MIN UN=-14.53 IEQ= 37 NODE 19 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1515E+05 RIMNOR=0.5153E-28  
RENORM=0.2926 REMNOR=0.6090E-21 RATIO =0.4395E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 26.29 RMMAX =0.2237E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1515E+05 RDR =0.1000E-19  
RATIOT=0.4395E-02 RATOR= 0.000  
MAX UN=0.5380 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.1586E-09 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1515E+05 RIMNOR=0.5153E-28  
RENORM=0.2751E-03 REMNOR=0.1070E-21 RATIO =0.1348E-03 TOLER =0.1000E-03 NOT CONVERGED

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RFMAX = 26.29 RMMAX =0.2237E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1515E+05 RDR =0.1000E-19  
RATIOT=0.1348E-03 RATIO= 0.000  
MAX UN=0.4759E-02 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
MIN UN=-.4392E-10 IEQ= 15 NODE 8 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1515E+05 RIMNOR=0.5153E-28  
RENORM=0.5424E-07 REMNOR=0.5375E-22 RATIO =0.1892E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 26.29 RMMAX =0.2237E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1515E+05 RDR =0.1000E-19  
RATIOT=0.1892E-05 RATIO= 0.000  
MAX UN=0.1657E-03 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.6731E-10 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:09:49

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	4.5236471E-04	-1.0824354E-04	
2	4.3071600E-04	-1.0824354E-04	
3	4.0906729E-04	-1.0824354E-04	
4	3.8741858E-04	-1.0824354E-04	
5	3.6577070E-04	-1.0823114E-04	
6	3.4412962E-04	-1.0816638E-04	
7	3.2251232E-04	-1.0797903E-04	
8	3.0095286E-04	-1.0756880E-04	
9	2.7950834E-04	-1.0680555E-04	
10	2.5826070E-04	-1.0559139E-04	
11	2.3730738E-04	-1.0384323E-04	
12	2.1676883E-04	-1.0141385E-04	
13	1.9680131E-04	-9.8092471E-05	
14	1.7760954E-04	-9.360520E-05	
15	1.5945917E-04	-8.7617569E-05	
16	1.4268899E-04	-7.9732457E-05	
17	1.2772296E-04	-6.9494651E-05	
18	1.1505236E-04	-5.6837198E-05	
19	1.0511458E-04	-4.2282248E-05	
20	9.8208370E-05	-2.6693723E-05	
21	9.4449314E-05	-1.0922031E-05	
22	9.3814572E-05	4.4745482E-06	
23	9.6188954E-05	1.9118442E-05	
24	1.0139500E-04	3.2758035E-05	
25	1.0921469E-04	4.5235435E-05	
26	1.1940602E-04	5.6465609E-05	
27	1.3171483E-04	6.6405148E-05	
28	1.4588106E-04	7.5040354E-05	
29	1.6164551E-04	8.2393702E-05	
30	1.7875655E-04	8.8517064E-05	
31	1.9697538E-04	9.3486117E-05	
32	2.1608028E-04	9.7395893E-05	
33	2.3587042E-04	1.0035729E-04	
34	2.5616822E-04	1.0249412E-04	
35	2.7682207E-04	1.0394090E-04	
36	2.9770814E-04	1.0484104E-04	
37	3.1873193E-04	1.0534439E-04	
38	3.3982852E-04	1.0558862E-04	
39	3.6095734E-04	1.0568232E-04	
40	3.8209670E-04	1.0570487E-04	
41	4.0323821E-04	1.0570646E-04	



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33 D	16.64	-2.3587E-04	131.4	83.19	131.4	104.7	UL-RL	9.1227E+04	-6.400	0.000	1.000	1.000
83.19	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	16.92	-2.5617E-04	135.8	84.58	135.8	107.9	UL-RL	9.1227E+04	-6.600	0.000	1.000	1.000
84.58	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	17.19	-2.7682E-04	140.4	85.93	140.4	111.2	UL-RL	9.1227E+04	-6.800	0.000	1.000	1.000
85.93	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	17.45	-2.9771E-04	144.7	87.26	144.7	114.4	UL-RL	9.1227E+04	-7.000	0.000	1.000	1.000
87.26	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	17.71	-3.1873E-04	149.3	88.57	149.3	117.7	UL-RL	9.1227E+04	-7.200	0.000	1.000	1.000
88.57	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	17.98	-3.3983E-04	153.9	89.88	153.9	120.9	UL-RL	9.1227E+04	-7.400	0.000	1.000	1.000
89.88	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	18.23	-3.6096E-04	158.5	91.17	158.5	124.1	UL-RL	9.1227E+04	-7.600	0.000	1.000	1.000
91.17	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	18.49	-3.8210E-04	163.1	92.46	163.1	127.3	UL-RL	9.1227E+04	-7.800	0.000	1.000	1.000
92.46	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.375	-4.0324E-04	167.3	93.75	167.3	130.5	UL-RL	9.1227E+04	-8.000	0.000	1.000	1.000
93.75	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									





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33 D	14.59	2.3587E-04	69.67	72.93	75.08	72.96	UL-RL	4.5355E+04	-6.400	0.000	1.000	1.000
72.93	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	14.71	2.5617E-04	73.95	73.56	77.52	73.59	UL-RL	4.5355E+04	-6.600	0.000	1.000	1.000
73.56	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	14.85	2.7682E-04	78.23	74.27	79.96	74.30	UL-RL	4.5355E+04	-6.800	0.000	1.000	1.000
74.27	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	15.04	2.9771E-04	82.51	75.22	82.51	75.26	UL-RL	4.5355E+04	-7.000	0.000	1.000	1.000
75.22	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	15.77	3.1873E-04	86.79	78.83	86.79	78.87	UL-RL	4.5355E+04	-7.200	0.000	1.000	1.000
78.83	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	16.49	3.3983E-04	91.07	82.44	91.07	82.47	UL-RL	4.5355E+04	-7.400	0.000	1.000	1.000
82.44	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	17.21	3.6096E-04	95.35	86.04	95.35	86.08	UL-RL	4.5355E+04	-7.600	0.000	1.000	1.000
86.04	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	17.93	3.8210E-04	99.63	89.65	99.63	89.68	UL-RL	4.5355E+04	-7.800	0.000	1.000	1.000
89.65	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.324	4.0324E-04	103.9	93.24	103.9	93.27	UL-RL	4.5355E+04	-8.000	0.000	1.000	1.000
93.24	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
Exe Time :13 June 2018 14:09:49

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-1.85830E-11	1.85830E-11	-1.83864E-12	-6.69265E-12
2	1.94381E-11	-1.94381E-11	6.73673E-12	-1.69892E-13
3	-1.93696E-11	1.93696E-11	2.07029E-13	-1.00452E-11
4	0.39223	-0.39223	8.05556E-12	7.84453E-02
5	1.2646	-1.2646	-7.84453E-02	0.33136
6	2.6142	-2.6142	-0.33136	0.85421
7	4.4379	-4.4379	-0.85421	1.7418
8	6.7315	-6.7315	-1.7418	3.0881
9	7.5358	-7.5358	-3.0881	4.5953
10	9.3598	-9.3598	-4.5953	6.4672
11	12.194	-12.194	-6.4672	8.9061
12	16.029	-16.029	-8.9061	12.112
13	20.850	-20.850	-12.112	16.282
14	26.642	-26.642	-16.282	21.610
15	33.385	-33.385	-21.610	28.287
16	41.054	-41.054	-28.287	36.498
17	35.506	-35.506	-36.498	43.599
18	24.531	-24.531	-43.599	48.506
19	8.1716	-8.1716	-48.506	50.140
20	-2.3736	2.3736	-50.140	49.665
21	-9.4976	9.4976	-49.665	47.766
22	-14.318	14.318	-47.766	44.902
23	-17.459	17.459	-44.902	41.410
24	-19.314	19.314	-41.410	37.548
25	-20.149	20.149	-37.548	33.518
26	-20.686	20.686	-33.518	29.381
27	-20.586	20.586	-29.381	25.264
28	-19.973	19.973	-25.264	21.269
29	-18.944	18.944	-21.269	17.480
30	-17.578	17.578	-17.480	13.964
31	-15.937	15.937	-13.964	10.777
32	-14.071	14.071	-10.777	7.9629
33	-12.019	12.019	-7.9629	5.5591
34	-9.8143	9.8143	-5.5591	3.5962
35	-7.4814	7.4814	-3.5962	2.0999
36	-5.0734	5.0734	-2.0999	1.0853
37	-3.1251	3.1251	-1.0853	0.46026
38	-1.6380	1.6380	-0.46026	0.13265
39	-0.61302	0.61302	-0.13265	1.00489E-02
40	-5.02440E-02	5.02440E-02	-1.00489E-02	-8.94007E-13

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3354E+05 RIMNOR=0.4726E+05  
RENORM=0.5424E-07 REMNOR=0.5375E-22 RATIO =0.1272E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 41.05 RMMAX = 50.14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.3354E+05 RDR =0.4726E+05  
RATIOT=0.1272E-05 RATOR= 0.000  
MAX UN=0.1657E-03 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.6731E-10 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3354E+05 RIMNOR=0.4726E+05  
RENORM=0.1464E-09 REMNOR=0.1012E-21 RATIO =0.6606E-07 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 41.05 RMMAX = 50.14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.3354E+05 RDR =0.4726E+05  
RATIOT=0.6606E-07 RATOR= 0.000  
MAX UN=0.8799E-05 IEQ= 33 NODE 17 DOF 1 Y-DISPL.F  
MIN UN=-.7285E-10 IEQ= 75 NODE 38 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.3354E+05 RIMNOR=0.4726E+05  
RENORM=0.2272E-19 REMNOR=0.1234E-21 RATIO =0.8230E-12 TOLER =0.1000E-03 CONVERGED !

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```
RFMAX = 41.05      RMMAX = 50.14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT   =0.3354E+05 RDR   =0.4726E+05
RATIOT=0.8230E-12 RATIO= 0.000
MAX UN=0.3660E-10 IEQ=   77 NODE   39 DOF   1  Y-DISPL.F
MIN UN=-.6844E-10 IEQ=   79 NODE   40 DOF   1  Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS      0
```

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GRUPPO FERROVIE DELLO STATO ITALIANE

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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
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New Project  
SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	4.5237359E-04	-1.0824649E-04	
2	4.3072429E-04	-1.0824649E-04	
3	4.0907499E-04	-1.0824648E-04	
4	3.8742570E-04	-1.0824645E-04	
5	3.6577724E-04	-1.0823401E-04	
6	3.4413559E-04	-1.0816919E-04	
7	3.2251774E-04	-1.0798175E-04	
8	3.0095775E-04	-1.0757142E-04	
9	2.7951271E-04	-1.0680806E-04	
10	2.5826459E-04	-1.0559376E-04	
11	2.3731080E-04	-1.0384546E-04	
12	2.1677182E-04	-1.0141594E-04	
13	1.9680390E-04	-9.8094402E-05	
14	1.7761176E-04	-9.3607298E-05	
15	1.5946104E-04	-8.7619193E-05	
16	1.4269056E-04	-7.9733931E-05	
17	1.2772425E-04	-6.9495978E-05	
18	1.1505340E-04	-5.6838384E-05	
19	1.0511539E-04	-4.2283300E-05	
20	9.8208987E-05	-2.6694648E-05	
21	9.4449758E-05	-1.0922838E-05	
22	9.3814866E-05	4.4738514E-06	
23	9.6189119E-05	1.9117845E-05	
24	1.0139505E-04	3.2757530E-05	
25	1.0921465E-04	4.5235011E-05	
26	1.1940591E-04	5.6465259E-05	
27	1.3171465E-04	6.6404863E-05	
28	1.4588083E-04	7.5040126E-05	
29	1.6164524E-04	8.2393524E-05	
30	1.7875624E-04	8.8516927E-05	
31	1.9697506E-04	9.3486015E-05	
32	2.1607994E-04	9.7395820E-05	
33	2.3587007E-04	1.0035724E-04	
34	2.5616786E-04	1.0249409E-04	
35	2.7682170E-04	1.0394088E-04	
36	2.9770777E-04	1.0484104E-04	
37	3.1873155E-04	1.0534439E-04	
38	3.3982815E-04	1.0558862E-04	
39	3.6095697E-04	1.0568232E-04	
40	3.8209633E-04	1.0570487E-04	
41	4.0323784E-04	1.0570646E-04	



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33 D	16.64	-2.3587E-04	131.4	83.19	131.4	104.7	UL-RL	9.1227E+04	-6.400	0.000	1.000	1.000
83.19	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	16.92	-2.5617E-04	135.8	84.58	135.8	107.9	UL-RL	9.1227E+04	-6.600	0.000	1.000	1.000
84.58	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	17.19	-2.7682E-04	140.4	85.93	140.4	111.2	UL-RL	9.1227E+04	-6.800	0.000	1.000	1.000
85.93	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	17.45	-2.9771E-04	144.7	87.26	144.7	114.4	UL-RL	9.1227E+04	-7.000	0.000	1.000	1.000
87.26	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	17.72	-3.1873E-04	149.3	88.58	149.3	117.7	UL-RL	9.1227E+04	-7.200	0.000	1.000	1.000
88.58	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	17.98	-3.3983E-04	153.9	89.88	153.9	120.9	UL-RL	9.1227E+04	-7.400	0.000	1.000	1.000
89.88	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	18.23	-3.6096E-04	158.5	91.17	158.5	124.1	UL-RL	9.1227E+04	-7.600	0.000	1.000	1.000
91.17	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	18.49	-3.8210E-04	163.1	92.46	163.1	127.3	UL-RL	9.1227E+04	-7.800	0.000	1.000	1.000
92.46	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.375	-4.0324E-04	167.3	93.75	167.3	130.5	UL-RL	9.1227E+04	-8.000	0.000	1.000	1.000
93.75	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									



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33 D	14.59	2.3587E-04	69.67	72.93	75.08	72.96	UL-RL	4.5355E+04	-6.400	0.000	1.000	1.000
72.93	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	14.71	2.5617E-04	73.95	73.56	77.52	73.59	UL-RL	4.5355E+04	-6.600	0.000	1.000	1.000
73.56	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	14.85	2.7682E-04	78.23	74.27	79.96	74.30	UL-RL	4.5355E+04	-6.800	0.000	1.000	1.000
74.27	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	15.04	2.9771E-04	82.51	75.22	82.51	75.26	UL-RL	4.5355E+04	-7.000	0.000	1.000	1.000
75.22	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	15.77	3.1873E-04	86.79	78.83	86.79	78.87	UL-RL	4.5355E+04	-7.200	0.000	1.000	1.000
78.83	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	16.49	3.3983E-04	91.07	82.44	91.07	82.47	UL-RL	4.5355E+04	-7.400	0.000	1.000	1.000
82.44	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	17.21	3.6096E-04	95.35	86.04	95.35	86.08	UL-RL	4.5355E+04	-7.600	0.000	1.000	1.000
86.04	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	17.93	3.8210E-04	99.63	89.65	99.63	89.68	UL-RL	4.5355E+04	-7.800	0.000	1.000	1.000
89.65	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.324	4.0324E-04	103.9	93.24	103.9	93.27	UL-RL	4.5355E+04	-8.000	0.000	1.000	1.000
93.24	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									



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NewProject.BaseDesignSection\_28.A1M1R1R3pertiranti\_3775  
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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	4.54522E-05	-4.54522E-05	7.34187E-13	9.09044E-06
2	1.91751E-04	-1.91751E-04	-9.09044E-06	4.74406E-05
3	3.26434E-04	-3.26434E-04	-4.74406E-05	1.12727E-04
4	0.39254	-0.39254	-1.12727E-04	7.86200E-02
5	1.2649	-1.2649	-7.86200E-02	0.33159
6	2.6145	-2.6145	-0.33159	0.85450
7	4.4381	-4.4381	-0.85450	1.7421
8	6.7318	-6.7318	-1.7421	3.0885
9	7.5360	-7.5360	-3.0885	4.5957
10	9.3599	-9.3599	-4.5957	6.4677
11	12.194	-12.194	-6.4677	8.9066
12	16.029	-16.029	-8.9066	12.112
13	20.850	-20.850	-12.112	16.282
14	26.642	-26.642	-16.282	21.611
15	33.385	-33.385	-21.611	28.288
16	41.053	-41.053	-28.288	36.498
17	35.506	-35.506	-36.498	43.600
18	24.531	-24.531	-43.600	48.506
19	8.1714	-8.1714	-48.506	50.140
20	-2.3738	2.3738	-50.140	49.665
21	-9.4977	9.4977	-49.665	47.766
22	-14.318	14.318	-47.766	44.902
23	-17.459	17.459	-44.902	41.411
24	-19.314	19.314	-41.411	37.548
25	-20.149	20.149	-37.548	33.518
26	-20.686	20.686	-33.518	29.381
27	-20.586	20.586	-29.381	25.264
28	-19.973	19.973	-25.264	21.269
29	-18.945	18.945	-21.269	17.480
30	-17.578	17.578	-17.480	13.965
31	-15.937	15.937	-13.965	10.777
32	-14.071	14.071	-10.777	7.9630
33	-12.019	12.019	-7.9630	5.5591
34	-9.8144	9.8144	-5.5591	3.5963
35	-7.4815	7.4815	-3.5963	2.1000
36	-5.0734	5.0734	-2.1000	1.0853
37	-3.1251	3.1251	-1.0853	0.46027
38	-1.6381	1.6381	-0.46027	0.13266
39	-0.61304	0.61304	-0.13266	1.00500E-02
40	-5.02490E-02	5.02490E-02	-1.00500E-02	3.09302E-12

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.03 [sec]

DATABASE CREATION CPU TIME..... 0.06 [sec]

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## Design Assumption : A2+M2+R1 - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.A2M2R1\_3805  
Exe Time :13 June 2018 14:09:49

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.A2M2R1\_3805

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	41
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	82
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	79
NO. OF LONG NAMES (LASTNAME) .....	15
LENGTH UNIT CHOICE .....	3 ( M )
FORCE UNIT CHOICE .....	3 ( KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 79

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -8 0 1
7 : SOIL 0_L LeftWall_32 -8 0 1 0
8 : SOIL 0_R LeftWall_32 -8 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -8 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 5 25 0 26 45
34 : STEP Stage1_31
35 : CHANGE Riporto_2_8_L_0 U-FRICT=18.76 LeftWall_32
36 : CHANGE Riporto_2_8_L_0 D-FRICT=18.76 LeftWall_32
37 : CHANGE Riporto_2_8_L_0 U-KA=0.449 LeftWall_32
38 : CHANGE Riporto_2_8_L_0 U-KP=2.415 LeftWall_32
39 : CHANGE Riporto_2_8_L_0 D-KA=0.449 LeftWall_32
40 : CHANGE Riporto_2_8_L_0 D-KP=2.415 LeftWall_32
41 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-FRICT=31.08 LeftWall_32
42 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-FRICT=31.08 LeftWall_32
43 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KA=0.267 LeftWall_32
44 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KP=4.957 LeftWall_32
45 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KA=0.267 LeftWall_32
46 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KP=4.957 LeftWall_32
47 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-FRICT=31.08 LeftWall_32
48 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-FRICT=31.08 LeftWall_32
49 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KA=0.267 LeftWall_32
50 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KP=4.957 LeftWall_32
51 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KA=0.267 LeftWall_32
52 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KP=4.957 LeftWall_32
53 : CHANGE Riporto_2_8_L_0 U-COHE=4 LeftWall_32
54 : CHANGE Riporto_2_8_L_0 U-ADHES=0 LeftWall_32
55 : CHANGE Riporto_2_8_L_0 D-COHE=4 LeftWall_32
56 : CHANGE Riporto_2_8_L_0 D-ADHES=0 LeftWall_32
57 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-COHE=8 LeftWall_32
58 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-ADHES=0 LeftWall_32
59 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-COHE=8 LeftWall_32
60 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-ADHES=0 LeftWall_32
61 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-COHE=16 LeftWall_32
62 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-ADHES=0 LeftWall_32
63 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-COHE=16 LeftWall_32
64 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-ADHES=0 LeftWall_32
65 : SETWALL LeftWall_32
66 : GEOM 0 0
67 : WATER -0.5 0 -8 0 0
68 : ADD WallElement_33
69 : ENDSTEP
70 : STEP Stage2_446
71 : SETWALL LeftWall_32
72 : GEOM 0 -3.1
73 : WATER -12.4 0 -8 0 0
74 : ENDSTEP
75 : STEP Stage3_549
76 : SETWALL LeftWall_32
77 : GEOM 0 -3.1

```

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78 : WATER -12.4 0 -8 0 0  
79 : ENDSTEP

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NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE	Y-COORD	Z-COORD / NODE
1	0.0000	0.0000 /	2	0.0000 -0.20000 /	3	0.0000 -0.40000 /	4	0.0000 -0.60000 /
5	0.0000	-0.80000 /	6	0.0000 -1.0000 /	7	0.0000 -1.2000 /	8	0.0000 -1.4000 /
9	0.0000	-1.6000 /	10	0.0000 -1.8000 /	11	0.0000 -2.0000 /	12	0.0000 -2.2000 /
13	0.0000	-2.4000 /	14	0.0000 -2.6000 /	15	0.0000 -2.8000 /	16	0.0000 -3.0000 /
17	0.0000	-3.2000 /	18	0.0000 -3.4000 /	19	0.0000 -3.6000 /	20	0.0000 -3.8000 /
21	0.0000	-4.0000 /	22	0.0000 -4.2000 /	23	0.0000 -4.4000 /	24	0.0000 -4.6000 /
25	0.0000	-4.8000 /	26	0.0000 -5.0000 /	27	0.0000 -5.2000 /	28	0.0000 -5.4000 /
29	0.0000	-5.6000 /	30	0.0000 -5.8000 /	31	0.0000 -6.0000 /	32	0.0000 -6.2000 /
33	0.0000	-6.4000 /	34	0.0000 -6.6000 /	35	0.0000 -6.8000 /	36	0.0000 -7.0000 /
37	0.0000	-7.2000 /	38	0.0000 -7.4000 /	39	0.0000 -7.6000 /	40	0.0000 -7.8000 /
41	0.0000	-8.0000 /						



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-----
    
```

ELEMENT GROUP NO. 1

```

0_L
5 41 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0
    
```

.....2D PLASTIC SOIL .....

element group behaviour throughout stage analysis

```

stage  status
-----
  1  active
  2  active
  3  active
    
```

material set no. 1

```

prop( 1) angle           0.00000
prop( 2) layer as foreseen 1.00000
    
```

material set no. 2

```

prop( 1) angle           0.00000
prop( 2) layer as foreseen 2.00000
    
```

material set no. 3

```

prop( 1) angle           0.00000
prop( 2) layer as foreseen 3.00000
    
```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.1000	0.000	0.000	0.000	1.000



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```

```

ELEMENT GROUP NO.  2

0_R
 5 41  0  1  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  0  3  0  0  0  0  0

```

```

.....2D PLASTIC SOIL .....

```

element group behaviour throughout stage analysis

```

stage  status
-----
 1  active
 2  active
 3  active

```

```

material set no.  1

prop( 1) angle          180.000
prop( 2) layer as foreseen 1.00000

```

```

material set no.  2

prop( 1) angle          180.000
prop( 2) layer as foreseen 2.00000

```

```

material set no.  3

prop( 1) angle          180.000
prop( 2) layer as foreseen 3.00000

```

```

element data

```

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.1000	0.000	0.000	0.000	2.000

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+-----+

```

ELEMENT GROUP NO. 3

```

WallElement_33
2 40 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

```

```

.....2D WALL ELEMENT.....

```

element group behaviour throughout stage analysis

```

stage  status
-----
1      active
2      active
3      active

```

material set no. 1

```

prop( 1) young modulus      0.314800E+08
prop( 2) modification time  0.00000
prop( 3) new young modulus  0.00000
prop( 4) poisson ratio      0.00000
prop( 5) future .....      0.00000

```

```

no. of step variable items: 1
step  inertia multiplier
-----
1      1.000
2      1.000
3      1.000

```

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

NO. OF DISTRIBUTED LOAD CARDS 0

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1  
 NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	23.000	WALL NO.	2
ITEM NO.	10	U-KA	0.44900	WALL NO.	1
ITEM NO.	11	U-KP	2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	23.000	WALL NO.	2
ITEM NO.	60	D-KA	0.44900	WALL NO.	1
ITEM NO.	61	D-KP	2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	37.000	WALL NO.	2
ITEM NO.	10	U-KA	0.26700	WALL NO.	1
ITEM NO.	11	U-KP	4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	37.000	WALL NO.	2
ITEM NO.	60	D-KA	0.26700	WALL NO.	1
ITEM NO.	61	D-KP	4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	16.000	WALL NO.	1
ITEM NO.	8	U-COHE	20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	37.000	WALL NO.	2



## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	= 31.080	WALL NO.	1

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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2547 di  
2653

ITEM NO. 59<math>D-FRICT <math>= 37.000 WALL NO. 2  
 ITEM NO. 60<math>D-KA <math>= 0.26700 WALL NO. 1  
 ITEM NO. 61<math>D-KP <math>= 4.9570 WALL NO. 1  
 ITEM NO. 77<math>D-PERM <math>= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1<math>NAME <math>= 12.000 (BOTH WALLS)  
 ITEM NO. 2<math>NATURE <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 3<math>LEVEL <math>= -5.0000 (BOTH WALLS)  
 ITEM NO. 4<math>WALL <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 5<math>GAMMAD <math>= 21.400 (BOTH WALLS)  
 ITEM NO. 6<math>GAMMAB <math>= 12.200 (BOTH WALLS)  
 ITEM NO. 7<math>GAMMAW <math>= 10.000 (BOTH WALLS)  
 ITEM NO. 8<math>U-COHE <math>= 16.000 WALL NO. 1  
 ITEM NO. 8<math>U-COHE <math>= 20.000 WALL NO. 2  
 ITEM NO. 9<math>U-FRICT <math>= 31.080 WALL NO. 1  
 ITEM NO. 9<math>U-FRICT <math>= 37.000 WALL NO. 2  
 ITEM NO. 10<math>U-KA <math>= 0.26700 WALL NO. 1  
 ITEM NO. 11<math>U-KP <math>= 4.9570 WALL NO. 1  
 ITEM NO. 12<math>K0-NC <math>= 0.76000 (BOTH WALLS)  
 ITEM NO. 13<math>NEXP <math>= 2.0000 (BOTH WALLS)  
 ITEM NO. 14<math>OCR <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 16<math>MODEL <math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 17<math>EVC <math>= 75000. (BOTH WALLS)  
 ITEM NO. 18<math>EUR <math>= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27<math>U-PERM <math>= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52<math>D-NATURE<math>= 1.0000 (BOTH WALLS)  
 ITEM NO. 53<math>D-LEVEL <math>= 0.0000 (BOTH WALLS)  
 ITEM NO. 58<math>D-COHE <math>= 16.000 WALL NO. 1  
 ITEM NO. 58<math>D-COHE <math>= 20.000 WALL NO. 2  
 ITEM NO. 59<math>D-FRICT <math>= 31.080 WALL NO. 1  
 ITEM NO. 59<math>D-FRICT <math>= 37.000 WALL NO. 2  
 ITEM NO. 60<math>D-KA <math>= 0.26700 WALL NO. 1  
 ITEM NO. 61<math>D-KP <math>= 4.9570 WALL NO. 1  
 ITEM NO. 77<math>D-PERM <math>= 0.10000E-04 (BOTH WALLS)

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 9 VALUES



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION *Build date:Nov 13, 2017*
NewProject.BaseDesignSection_28.A2M2R1_3805
Exe Time :13 June 2018 14:09:49
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PHASE DESCRIPTORS

STEP NO. 1

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	0.000	0.000
Z-WATER_TABLE	-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 1

STEP NO. 2

	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.100	0.000
Z-WATER_TABLE	-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.100	0.000
Z-WATER_TABLE	-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL. Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.000	0.000
DYN.WATER BEHAVIOUR	0.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.000000000000000  
FOUNDATION WIDTH (B) 25.000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 26.000000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 2879

NO. OF D.P.W FOR THIS AREA 4848  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2503E+05 RIMNOR= 0.000  
RENORM=0.1018E-27 REMNOR= 0.000 RATIO =0.6376E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 30.19 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2503E+05 RDR = 0.000  
RATIOT=0.6376E-16 RATIOR= 0.000  
MAX UN=0.3553E-14 IEQ= 45 NODE 23 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2503E+05 RIMNOR= 0.000  
RENORM=0.1027E-28 REMNOR=0.1773E-53 RATIO =0.2026E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 30.19 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2503E+05 RDR = 0.000  
RATIOT=0.2026E-16 RATIOR= 0.000  
MAX UN=0.1639E-15 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.8643E-15 IEQ= 63 NODE 32 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2503E+05 RIMNOR= 0.000  
RENORM=0.9552E-29 REMNOR=0.1006E-52 RATIO =0.1954E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 30.19 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2503E+05 RDR = 0.000  
RATIOT=0.1954E-16 RATIOR= 0.000  
MAX UN=0.1451E-15 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.8611E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS





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33 D	24.83	3.9729E-20	78.53 65.16 78.53	65.16	V-C 1.2448E+05 -6.400 59.00 1.000 1.000
124.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	25.60	3.9831E-20	81.14 67.00 81.14	67.00	V-C 1.2448E+05 -6.600 61.00 1.000 1.000
128.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	26.37	3.9715E-20	83.99 68.84 83.99	68.84	V-C 1.2448E+05 -6.800 63.00 1.000 1.000
131.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	27.14	3.9411E-20	86.37 70.68 86.37	70.68	V-C 1.2448E+05 -7.000 65.00 1.000 1.000
135.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	27.90	3.8970E-20	89.20 72.50 89.20	72.50	V-C 1.2448E+05 -7.200 67.00 1.000 1.000
139.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	28.67	3.8441E-20	92.01 74.33 92.01	74.33	V-C 1.2448E+05 -7.400 69.00 1.000 1.000
143.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	29.43	3.7861E-20	94.81 76.15 94.81	76.15	V-C 1.2448E+05 -7.600 71.00 1.000 1.000
147.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	30.19	3.7258E-20	97.59 77.96 97.59	77.96	V-C 1.2448E+05 -7.800 73.00 1.000 1.000
151.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.48	3.6647E-20	99.95 79.78 99.95	79.78	V-C 1.2448E+05 -8.000 75.00 1.000 1.000
154.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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33 D	24.83	-3.9729E-20	75.08 65.16 75.08	65.16	V-C 7.9432E+04 -6.400 59.00 1.000 1.000
124.2	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	25.60	-3.9831E-20	77.52 67.00 77.52	67.00	V-C 7.9432E+04 -6.600 61.00 1.000 1.000
128.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	26.37	-3.9715E-20	79.96 68.84 79.96	68.84	V-C 7.9432E+04 -6.800 63.00 1.000 1.000
131.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	27.14	-3.9411E-20	82.40 70.68 82.40	70.68	V-C 7.9432E+04 -7.000 65.00 1.000 1.000
135.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	27.90	-3.8970E-20	84.84 72.50 84.84	72.50	V-C 7.9432E+04 -7.200 67.00 1.000 1.000
139.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	28.67	-3.8441E-20	87.28 74.33 87.28	74.33	V-C 7.9432E+04 -7.400 69.00 1.000 1.000
143.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	29.43	-3.7861E-20	89.72 76.15 89.72	76.15	V-C 7.9432E+04 -7.600 71.00 1.000 1.000
147.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	30.19	-3.7258E-20	92.16 77.96 92.16	77.96	V-C 7.9432E+04 -7.800 73.00 1.000 1.000
151.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.48	-3.6647E-20	94.60 79.78 94.60	79.78	V-C 7.9432E+04 -8.000 75.00 1.000 1.000
154.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-6.89297E-17	6.89297E-17	1.83016E-28	1.37859E-17	
2-1.95519E-16	1.95519E-16	1.37859E-17	5.28897E-17	
3-3.10835E-16	3.10835E-16	5.28897E-17	1.15057E-16	
4-4.14871E-16	4.14871E-16	1.15057E-16	1.98031E-16	
5-5.07611E-16	5.07611E-16	1.98031E-16	2.99553E-16	
6-5.89028E-16	5.89028E-16	2.99553E-16	4.17359E-16	
7-6.59085E-16	6.59085E-16	4.17359E-16	5.49176E-16	
8-7.17733E-16	7.17733E-16	5.49176E-16	6.92723E-16	
9-8.62829E-16	8.62829E-16	6.92723E-16	8.65288E-16	
10-9.72407E-16	9.72407E-16	8.65288E-16	1.05977E-15	
11-1.58028E-16	1.58028E-16	1.05977E-15	1.09138E-15	
12-1.95769E-16	1.95769E-16	1.09138E-15	1.13053E-15	
13-1.97171E-16	1.97171E-16	1.13053E-15	1.16996E-15	
14-1.61974E-16	1.61974E-16	1.16996E-15	1.20236E-15	
15-8.99570E-17	8.99570E-17	1.20236E-15	1.22035E-15	
16-1.90345E-17	1.90345E-17	1.22035E-15	1.21654E-15	
17-1.65063E-16	1.65063E-16	1.21654E-15	1.18353E-15	
18-3.48070E-16	3.48070E-16	1.18353E-15	1.11392E-15	
19-5.67857E-16	5.67857E-16	1.11392E-15	1.00034E-15	
20-8.24053E-16	8.24053E-16	1.00034E-15	8.35535E-16	
21-1.11610E-15	1.11610E-15	8.35535E-16	6.12315E-16	
22-1.44323E-15	1.44323E-15	6.12315E-16	3.23668E-16	
23-5.35719E-15	5.35719E-15	3.23668E-16	7.47770E-16	
24-5.75132E-15	5.75132E-15	7.47770E-16	1.89803E-15	
25-6.17694E-15	6.17694E-15	1.89803E-15	3.13342E-15	
26-6.74625E-15	6.74625E-15	3.13342E-15	4.48267E-15	
27-3.79790E-15	3.79790E-15	4.48267E-15	5.24225E-15	
28-4.43483E-15	4.43483E-15	5.24225E-15	6.12921E-15	
29-2.00364E-15	2.00364E-15	6.12921E-15	5.72848E-15	
30-1.30928E-15	1.30928E-15	5.72848E-15	5.46663E-15	
31-4.14284E-15	4.14284E-15	5.46663E-15	4.63806E-15	
32-3.40135E-15	3.40135E-15	4.63806E-15	3.95779E-15	
33-2.63986E-15	2.63986E-15	3.95779E-15	3.42982E-15	
34-1.86041E-15	1.86041E-15	3.42982E-15	3.05774E-15	
35-4.61752E-15	4.61752E-15	3.05774E-15	2.13424E-15	
36-3.80720E-15	3.80720E-15	2.13424E-15	1.37280E-15	
37-2.98329E-15	2.98329E-15	1.37280E-15	7.76141E-16	
38-2.14659E-15	2.14659E-15	7.76141E-16	3.46822E-16	
39-1.29758E-15	1.29758E-15	3.46822E-16	8.73053E-17	
40-4.36520E-16	4.36520E-16	8.73053E-17	2.39814E-28	

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1470E+05 RIMNOR=0.4867E-27  
RENORM= 1405. REMNOR=0.1006E-52 RATIO =0.3092 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 25.64 RMMAX =0.6129E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1470E+05 RDR =0.1000E-19  
RATIOT=0.3092 RATOR= 0.000  
MAX UN= 9.891 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
MIN UN=-8.831 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1470E+05 RIMNOR=0.4867E-27  
RENORM=0.6807 REMNOR=0.9951E-21 RATIO =0.6806E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 25.64 RMMAX =0.6129E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1470E+05 RDR =0.1000E-19  
RATIOT=0.6806E-02 RATOR= 0.000  
MAX UN=0.6890 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.1423E-09 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1470E+05 RIMNOR=0.4867E-27  
RENORM=0.7281E-02 REMNOR=0.1825E-21 RATIO =0.7039E-03 TOLER =0.1000E-03 NOT CONVERGED

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RFMAX = 25.64      RMMAX =0.6129E-14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
RDT  =0.1470E+05 RDR  =0.1000E-19
RATIOT=0.7039E-03 RATIO= 0.000
MAX UN=0.8104E-01 IEQ=  17 NODE      9 DOF  1  Y-DISPL.F
MIN UN=-.7901E-10 IEQ=   3 NODE      2 DOF  1  Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS  0
```

```
ITER  4 RNORM = 0.000      RMNORM= 0.000
RINORM=0.1470E+05 RIMNOR=0.4867E-27
RENORM=0.4228E-06 REMNOR=0.1923E-21 RATIO =0.5364E-05 TOLER =0.1000E-03      CONVERGED !
RFMAX = 25.64      RMMAX =0.6129E-14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
RDT  =0.1470E+05 RDR  =0.1000E-19
RATIOT=0.5364E-05 RATIO= 0.000
MAX UN=0.6502E-03 IEQ=   55 NODE     28 DOF  1  Y-DISPL.F
MIN UN=-.6001E-10 IEQ=   77 NODE     39 DOF  1  Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS  0
```

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New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	5.7431183E-04	-1.1316366E-04	
2	5.5167910E-04	-1.1316366E-04	
3	5.2904637E-04	-1.1316366E-04	
4	5.0641363E-04	-1.1316366E-04	
5	4.8378141E-04	-1.1315605E-04	
6	4.6115377E-04	-1.1311011E-04	
7	4.3854403E-04	-1.1296423E-04	
8	4.1598089E-04	-1.1262615E-04	
9	3.9351456E-04	-1.1197317E-04	
10	3.7121721E-04	-1.1093638E-04	
11	3.4916753E-04	-1.0948688E-04	
12	3.2745593E-04	-1.0753529E-04	
13	3.0619702E-04	-1.0492948E-04	
14	2.8554204E-04	-1.0145522E-04	
15	2.6569121E-04	-9.6836917E-05	
16	2.4690594E-04	-9.0738582E-05	
17	2.2952072E-04	-8.2764831E-05	
18	2.1393579E-04	-7.2753062E-05	
19	2.0054186E-04	-6.0905788E-05	
20	1.8966850E-04	-4.7633020E-05	
21	1.8154241E-04	-3.3554491E-05	
22	1.7625860E-04	-1.9298198E-05	
23	1.7380457E-04	-5.3202571E-06	
24	1.7409026E-04	8.0540711E-06	
25	1.7697087E-04	2.0598531E-05	
26	1.8226449E-04	3.2165278E-05	
27	1.8976461E-04	4.2646976E-05	
28	1.9924572E-04	5.1965776E-05	
29	2.1047111E-04	6.0087384E-05	
30	2.2320103E-04	6.7014370E-05	
31	2.3719947E-04	7.2780591E-05	
32	2.5223985E-04	7.7446662E-05	
33	2.6811030E-04	8.1096383E-05	
34	2.8461757E-04	8.3833635E-05	
35	3.0159104E-04	8.5780090E-05	
36	3.1888605E-04	8.7073283E-05	
37	3.3638677E-04	8.7864030E-05	
38	3.5400778E-04	8.8297787E-05	
39	3.7169029E-04	8.8497605E-05	
40	3.8939793E-04	8.8564035E-05	
41	4.0711247E-04	8.8575062E-05	









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GRUPPO FERROVIE DELLO STATO ITALIANE

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33 D	15.01	2.6811E-04	69.67 75.06 75.08	75.10	UL-RL 5.1383E+04 -6.400 0.000 1.000 1.000
75.06	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	15.13	2.8462E-04	73.95 75.65 77.52	75.70	UL-RL 5.1383E+04 -6.600 0.000 1.000 1.000
75.65	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	15.27	3.0159E-04	78.23 76.34 79.96	76.39	UL-RL 5.1383E+04 -6.800 0.000 1.000 1.000
76.34	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	15.45	3.1889E-04	82.51 77.26 82.51	77.32	UL-RL 5.1383E+04 -7.000 0.000 1.000 1.000
77.26	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	16.17	3.3639E-04	86.79 80.84 86.79	80.91	UL-RL 5.1383E+04 -7.200 0.000 1.000 1.000
80.84	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	16.88	3.5401E-04	91.07 84.42 91.07	84.49	UL-RL 5.1383E+04 -7.400 0.000 1.000 1.000
84.42	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	17.60	3.7169E-04	95.35 88.00 95.35	88.08	UL-RL 5.1383E+04 -7.600 0.000 1.000 1.000
88.00	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	18.32	3.8940E-04	99.63 91.58 99.63	91.65	UL-RL 5.1383E+04 -7.800 0.000 1.000 1.000
91.58	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	9.515	4.0711E-04	103.9 95.15 103.9	95.23	UL-RL 5.1383E+04 -8.000 0.000 1.000 1.000
95.15	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

GENERAL CONTRACTOR



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION *Build date:Nov 13, 2017*
NewProject.BaseDesignSection_28.A2M2R1_3805
Exe Time :13 June 2018 14:09:49
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```

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :  
 ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
 CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	4.36201E-11	-4.36201E-11	4.33298E-12	9.39070E-12
2	6.61138E-12	-6.61138E-12	-4.32542E-12	-3.23352E-13
3	-1.65205E-11	1.65205E-11	-6.67189E-13	1.80600E-12
4	0.24085	-0.24085	-4.99611E-12	4.81698E-02
5	0.97191	-0.97191	-4.81698E-02	0.24255
6	2.1901	-2.1901	-0.24255	0.68056
7	3.8915	-3.8915	-0.68056	1.4589
8	6.0719	-6.0719	-1.4589	2.6732
9	6.0719	-6.0719	-2.6732	3.8876
10	6.9867	-6.9867	-3.8876	5.2850
11	8.8994	-8.8994	-5.2850	7.0648
12	11.800	-11.800	-7.0648	9.4249
13	15.678	-15.678	-9.4249	12.561
14	20.520	-20.520	-12.561	16.664
15	26.309	-26.309	-16.664	21.926
16	33.028	-33.028	-21.926	28.532
17	31.457	-31.457	-28.532	34.823
18	26.619	-26.619	-34.823	40.147
19	18.484	-18.484	-40.147	43.844
20	7.0130	-7.0130	-43.844	45.247
21	-1.3907	1.3907	-45.247	44.968
22	-7.4164	7.4164	-44.968	43.485
23	-11.682	11.682	-43.485	41.149
24	-14.575	14.575	-41.149	38.234
25	-16.360	16.360	-38.234	34.962
26	-17.970	17.970	-34.962	31.368
27	-18.826	18.826	-31.368	27.602
28	-19.053	19.053	-27.602	23.792
29	-18.745	18.745	-23.792	20.043
30	-17.982	17.982	-20.043	16.446
31	-16.827	16.827	-16.446	13.081
32	-15.332	15.332	-13.081	10.015
33	-13.539	13.539	-10.015	7.3069
34	-11.482	11.482	-7.3069	5.0105
35	-9.1875	9.1875	-5.0105	3.1730
36	-6.7100	6.7100	-3.1730	1.8310
37	-4.5855	4.5855	-1.8310	0.91387
38	-2.8164	2.8164	-0.91387	0.35059
39	-1.4041	1.4041	-0.35059	6.97808E-02
40	-0.34890	0.34890	-6.97808E-02	1.45362E-12

```

ITER 0 RNORM = 0.000 RMNORM= 0.000
RINORM=0.2837E+05 RIMNOR=0.4071E+05
RENORM=0.4228E-06 REMNOR=0.1923E-21 RATIO =0.3861E-05 TOLER =0.1000E-03 CONVERGED !
RFMAX = 33.03 RMMAX = 45.25
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT =0.2837E+05 RDR =0.4071E+05
RATIOT=0.3861E-05 RATIOR= 0.000
MAX UN=0.6502E-03 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F
MIN UN=-.6001E-10 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

```

ITER 1 RNORM = 0.000 RMNORM= 0.000
RINORM=0.2837E+05 RIMNOR=0.4071E+05
RENORM=0.5835E-09 REMNOR=0.2731E-21 RATIO =0.1434E-06 TOLER =0.1000E-03 CONVERGED !
RFMAX = 33.03 RMMAX = 45.25
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT =0.2837E+05 RDR =0.4071E+05
RATIOT=0.1434E-06 RATIOR= 0.000
MAX UN=0.8467E-05 IEQ= 55 NODE 28 DOF 1 Y-DISPL.F
MIN UN=-.2470E-06 IEQ= 1 NODE 1 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0
    
```

```

ITER 2 RNORM = 0.000 RMNORM= 0.000
RINORM=0.2837E+05 RIMNOR=0.4071E+05
RENORM=0.4109E-19 REMNOR=0.2041E-21 RATIO =0.1204E-11 TOLER =0.1000E-03 CONVERGED !
    
```

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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```
RFMAX = 33.03      RMMAX = 45.25
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT   =0.2837E+05 RDR   =0.4071E+05
RATIOT=0.1204E-11 RATOR= 0.000
MAX UN=0.7255E-10 IEQ=   3 NODE      2 DOF   1 Y-DISPL.F
MIN UN=-.6720E-10 IEQ=  69 NODE     35 DOF   1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS      0
```

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New Project  
SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	5.7431132E-04	-1.1316321E-04	
2	5.5167868E-04	-1.1316321E-04	
3	5.2904604E-04	-1.1316321E-04	
4	5.0641340E-04	-1.1316321E-04	
5	4.8378127E-04	-1.1315560E-04	
6	4.6115372E-04	-1.1310965E-04	
7	4.3854407E-04	-1.1296378E-04	
8	4.1598102E-04	-1.1262569E-04	
9	3.9351478E-04	-1.1197271E-04	
10	3.7121752E-04	-1.1093592E-04	
11	3.4916793E-04	-1.0948642E-04	
12	3.2745643E-04	-1.0753483E-04	
13	3.0619761E-04	-1.0492902E-04	
14	2.8554272E-04	-1.0145476E-04	
15	2.6569198E-04	-9.6836461E-05	
16	2.4690680E-04	-9.0738130E-05	
17	2.2952167E-04	-8.2764387E-05	
18	2.1393683E-04	-7.2752629E-05	
19	2.0054298E-04	-6.0905370E-05	
20	1.8966971E-04	-4.7632622E-05	
21	1.8154369E-04	-3.3554120E-05	
22	1.7625996E-04	-1.9297862E-05	
23	1.7380599E-04	-5.3199629E-06	
24	1.7409173E-04	8.0543124E-06	
25	1.7697239E-04	2.0598708E-05	
26	1.8226603E-04	3.2165377E-05	
27	1.8976616E-04	4.2646984E-05	
28	1.9924726E-04	5.1965674E-05	
29	2.1047262E-04	6.0087175E-05	
30	2.2320249E-04	6.7014073E-05	
31	2.3720086E-04	7.2780224E-05	
32	2.5224116E-04	7.7446241E-05	
33	2.6811153E-04	8.1095921E-05	
34	2.8461870E-04	8.3833142E-05	
35	3.0159207E-04	8.5779576E-05	
36	3.1888698E-04	8.7072753E-05	
37	3.3638758E-04	8.7863491E-05	
38	3.5400849E-04	8.8297243E-05	
39	3.7169089E-04	8.8497059E-05	
40	3.8939842E-04	8.8563488E-05	
41	4.0711285E-04	8.8574515E-05	









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33 D	15.01	2.6811E-04	69.67 75.06 75.08	75.10	UL-RL 5.1383E+04 -6.400 0.000 1.000 1.000
75.06	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	15.13	2.8462E-04	73.95 75.65 77.52	75.70	UL-RL 5.1383E+04 -6.600 0.000 1.000 1.000
75.65	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	15.27	3.0159E-04	78.23 76.34 79.96	76.39	UL-RL 5.1383E+04 -6.800 0.000 1.000 1.000
76.34	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	15.45	3.1889E-04	82.51 77.26 82.51	77.32	UL-RL 5.1383E+04 -7.000 0.000 1.000 1.000
77.26	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	16.17	3.3639E-04	86.79 80.84 86.79	80.91	UL-RL 5.1383E+04 -7.200 0.000 1.000 1.000
80.84	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	16.88	3.5401E-04	91.07 84.42 91.07	84.49	UL-RL 5.1383E+04 -7.400 0.000 1.000 1.000
84.42	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	17.60	3.7169E-04	95.35 88.00 95.35	88.08	UL-RL 5.1383E+04 -7.600 0.000 1.000 1.000
88.00	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	18.32	3.8940E-04	99.63 91.58 99.63	91.65	UL-RL 5.1383E+04 -7.800 0.000 1.000 1.000
91.58	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	9.515	4.0711E-04	103.9 95.15 103.9	95.23	UL-RL 5.1383E+04 -8.000 0.000 1.000 1.000
95.15	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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NewProject.BaseDesignSection\_28.A2M2R1\_3805  
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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	3.41024E-07	-3.41024E-07	6.56278E-12	6.82032E-08
2	1.23651E-06	-1.23651E-06	-6.81972E-08	3.15493E-07
3	1.93654E-06	-1.93654E-06	-3.15496E-07	7.02808E-07
4	0.24085	-0.24085	-7.02810E-07	4.81710E-02
5	0.97191	-0.97191	-4.81710E-02	0.24255
6	2.1901	-2.1901	-0.24255	0.68057
7	3.8915	-3.8915	-0.68057	1.4589
8	6.0719	-6.0719	-1.4589	2.6732
9	6.0719	-6.0719	-2.6732	3.8876
10	6.9867	-6.9867	-3.8876	5.2850
11	8.8994	-8.8994	-5.2850	7.0648
12	11.800	-11.800	-7.0648	9.4249
13	15.678	-15.678	-9.4249	12.561
14	20.520	-20.520	-12.561	16.664
15	26.309	-26.309	-16.664	21.926
16	33.028	-33.028	-21.926	28.532
17	31.457	-31.457	-28.532	34.823
18	26.619	-26.619	-34.823	40.147
19	18.484	-18.484	-40.147	43.844
20	7.0129	-7.0129	-43.844	45.246
21	-1.3908	1.3908	-45.246	44.968
22	-7.4166	7.4166	-44.968	43.485
23	-11.682	11.682	-43.485	41.148
24	-14.575	14.575	-41.148	38.233
25	-16.360	16.360	-38.233	34.961
26	-17.970	17.970	-34.961	31.367
27	-18.827	18.827	-31.367	27.602
28	-19.053	19.053	-27.602	23.791
29	-18.745	18.745	-23.791	20.042
30	-17.982	17.982	-20.042	16.446
31	-16.826	16.826	-16.446	13.081
32	-15.332	15.332	-13.081	10.015
33	-13.539	13.539	-10.015	7.3068
34	-11.482	11.482	-7.3068	5.0104
35	-9.1874	9.1874	-5.0104	3.1729
36	-6.7099	6.7099	-3.1729	1.8309
37	-4.5854	4.5854	-1.8309	0.91386
38	-2.8164	2.8164	-0.91386	0.35059
39	-1.4040	1.4040	-0.35059	6.97798E-02
40	-0.34889	0.34889	-6.97798E-02	5.45532E-13

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	2

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.02 [sec]

DATABASE CREATION CPU TIME..... 0.06 [sec]

GENERAL CONTRACTOR

Cepav due



ALTA SORVEGLIANZA



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## Design Assumption : SISMICA STR - File di Paratie - File di output (.out)

PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICATR\_3835  
Exe Time :13 June 2018 14:09:49

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SISMICATR\_3835

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.02 [sec]

GENERAL CONTRACTOR



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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	41
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	82
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	106
NO. OF LONG NAMES (LASTNAME) .....	15
LENGTH UNIT CHOICE .....	3 ( M )
FORCE UNIT CHOICE .....	3 ( KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

GENERAL CONTRACTOR

Cepav due



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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 106

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -8 0 1
7 : SOIL 0_L LeftWall_32 -8 0 1 0
8 : SOIL 0_R LeftWall_32 -8 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -8 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 5 25 0 20 45
34 : STEP Stage1_31
35 : CHANGE Riporto_2_8_L_0 U-FRICT=23 LeftWall_32
36 : CHANGE Riporto_2_8_L_0 D-FRICT=23 LeftWall_32
37 : CHANGE Riporto_2_8_L_0 U-KA=0.376 LeftWall_32
38 : CHANGE Riporto_2_8_L_0 U-KP=3.039 LeftWall_32
39 : CHANGE Riporto_2_8_L_0 D-KA=0.376 LeftWall_32
40 : CHANGE Riporto_2_8_L_0 D-KP=3.039 LeftWall_32
41 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-FRICT=37 LeftWall_32
42 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-FRICT=37 LeftWall_32
43 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KA=0.205 LeftWall_32
44 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KP=7.519 LeftWall_32
45 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KA=0.205 LeftWall_32
46 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KP=7.519 LeftWall_32
47 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-FRICT=37 LeftWall_32
48 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-FRICT=37 LeftWall_32
49 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KA=0.205 LeftWall_32
50 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KP=7.519 LeftWall_32
51 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KA=0.205 LeftWall_32
52 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KP=7.519 LeftWall_32
53 : CHANGE Riporto_2_8_L_0 U-COHE=5 LeftWall_32
54 : CHANGE Riporto_2_8_L_0 U-ADHES=0 LeftWall_32
55 : CHANGE Riporto_2_8_L_0 D-COHE=5 LeftWall_32
56 : CHANGE Riporto_2_8_L_0 D-ADHES=0 LeftWall_32
57 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-COHE=10 LeftWall_32
58 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-ADHES=0 LeftWall_32
59 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-COHE=10 LeftWall_32
60 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-ADHES=0 LeftWall_32
61 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-COHE=20 LeftWall_32
62 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-ADHES=0 LeftWall_32
63 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-COHE=20 LeftWall_32
64 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-ADHES=0 LeftWall_32
65 : SETWALL LeftWall_32
66 : GEOM 0 0
67 : WATER -0.5 0 -8 0 0
68 : ADD WallElement_33
69 : ENDSTEP
70 : STEP Stage2_446
71 : SETWALL LeftWall_32
72 : GEOM 0 -3.1
73 : WATER -12.4 0 -8 0 0
74 : ENDSTEP
75 : STEP Stage3_549
76 : SETWALL LeftWall_32
77 : GEOM 0 -3.1

```

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78 : WATER -12.4 0 -8 0 0
79 : CHANGE Riporto_2_8_L_0 U-KAED=0.427 LeftWall_32
80 : CHANGE Riporto_2_8_L_0 U-KAEW=0.489 LeftWall_32
81 : CHANGE Riporto_2_8_L_0 U-KPED=2.888 LeftWall_32
82 : CHANGE Riporto_2_8_L_0 U-KPEW=2.703 LeftWall_32
83 : CHANGE Riporto_2_8_L_0 D-KAED=0.427 LeftWall_32
84 : CHANGE Riporto_2_8_L_0 D-KAEW=0.489 LeftWall_32
85 : CHANGE Riporto_2_8_L_0 D-KPED=2.888 LeftWall_32
86 : CHANGE Riporto_2_8_L_0 D-KPEW=2.703 LeftWall_32
87 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KAED=0.241 LeftWall_32
88 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KAEW=0.271 LeftWall_32
89 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KPED=7.242 LeftWall_32
90 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KPEW=6.997 LeftWall_32
91 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KAED=0.241 LeftWall_32
92 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KAEW=0.271 LeftWall_32
93 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KPED=7.242 LeftWall_32
94 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KPEW=6.997 LeftWall_32
95 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 U-KAED=0.241 LeftWall_32
96 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 U-KAEW=0.271 LeftWall_32
97 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 U-KPED=7.242 LeftWall_32
98 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 U-KPEW=7.003 LeftWall_32
99 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 D-KAED=0.241 LeftWall_32
100 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 D-KAEW=0.271 LeftWall_32
101 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 D-KPED=7.242 LeftWall_32
102 : CHANGE Sabbialimosoghiaiosa2_235_220_L_0 D-KPEW=7.003 LeftWall_32
103 : EQK USER 0.0676 0 0 0 0.66 0 0.66 1 0
104 : DLOAD step LeftWall_32 -3.1 1.487 0 1.487
105 : DLOAD step LeftWall_32 -3.1 0.8495 0 0.8495
106 : ENDSTEP
```





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```

ELEMENT GROUP NO. 1

```

0_L
 5 41 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage  status
-----

```

```

 1  active
 2  active
 3  active

```

material set no. 1

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 1.00000

```

material set no. 2

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 2.00000

```

material set no. 3

```

prop( 1) angle          0.00000
prop( 2) layer as foreseen 3.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.1000	0.000	0.000	0.000	1.000

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ELEMENT GROUP NO. 2

0\_R  
5 41 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0 0

.....  
.....2D PLASTIC SOIL .....  
.....

element group behaviour throughout stage analysis

stage status

- 1 active
- 2 active
- 3 active

material set no. 1

prop( 1) angle 180.000  
prop( 2) layer as foreseen 1.00000

material set no. 2

prop( 1) angle 180.000  
prop( 2) layer as foreseen 2.00000

material set no. 3

prop( 1) angle 180.000  
prop( 2) layer as foreseen 3.00000

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.1000	0.000	0.000	0.000	2.000

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```

ELEMENT GROUP NO. 3

```

WallElement_33
2 40 0 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

```

.....2D WALL ELEMENT.....

element group behaviour throughout stage analysis

```

stage  status
-----
1  active
2  active
3  active

```

material set no. 1

```

prop( 1) young modulus      0.314800E+08
prop( 2) modification time  0.00000
prop( 3) new young modulus  0.00000
prop( 4) poisson ratio      0.00000
prop( 5) future ..... 0.00000

```

no. of step variable items: 1

```

step  inertia multiplier
-----
1  1.000
2  1.000
3  1.000

```

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
AT Y-COORD 0.000 Z-COORD -3.100 PRESSURE 1.487  
Z-COORD 0.000 PRESSURE 1.487

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 16								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
16	-.3000E+01	0.2255283E+00 /	15	-.2800E+01	0.3023567E+00 /	14	-.2600E+01	0.3023567E+00 /
13	-.2400E+01	0.3023567E+00 /	12	-.2200E+01	0.3023567E+00 /	11	-.2000E+01	0.3023567E+00 /
10	-.1800E+01	0.3023567E+00 /	9	-.1600E+01	0.3023567E+00 /	8	-.1400E+01	0.3023567E+00 /
7	-.1200E+01	0.3023567E+00 /	6	-.1000E+01	0.3023567E+00 /	5	-.8000E+00	0.3023567E+00 /
4	-.6000E+00	0.3023567E+00 /	3	-.4000E+00	0.3023567E+00 /	2	-.2000E+00	0.3023567E+00 /
1	0.0000E+00	0.1511783E+00 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 4.6097

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
 AT Y-COORD 0.000 Z-COORD -3.100 PRESSURE 0.8495  
 Z-COORD 0.000 PRESSURE 0.8495

L.CURVE 3

NO. OF GENERATED NODAL FORCES 16								
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
16	-.3000E+01	0.1288408E+00 /	15	-.2800E+01	0.1727317E+00 /	14	-.2600E+01	0.1727317E+00 /
13	-.2400E+01	0.1727317E+00 /	12	-.2200E+01	0.1727317E+00 /	11	-.2000E+01	0.1727317E+00 /
10	-.1800E+01	0.1727317E+00 /	9	-.1600E+01	0.1727317E+00 /	8	-.1400E+01	0.1727317E+00 /
7	-.1200E+01	0.1727317E+00 /	6	-.1000E+01	0.1727317E+00 /	5	-.8000E+00	0.1727317E+00 /
4	-.6000E+00	0.1727317E+00 /	3	-.4000E+00	0.1727317E+00 /	2	-.2000E+00	0.1727317E+00 /
1	0.0000E+00	0.8636583E-01 /						

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6334

NO. OF DISTRIBUTED LOAD CARDS 2

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835

Exe Time :13 June 2018 14:09:49

L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	7.2431500
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT.F	0.0000000

LOAD INPUT SECTION COMPLETED

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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100



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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.37600	WALL NO.	1
ITEM NO.	11	U-KP	= 3.0390	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 5.0000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 23.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.37600	WALL NO.	1
ITEM NO.	61	D-KP	= 3.0390	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	= 10.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	= 20.000	(BOTH WALLS)	
ITEM NO.	9	U-FRICT	= 37.000	(BOTH WALLS)	
ITEM NO.	10	U-KA	= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	= 1.0000	(BOTH WALLS)	

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ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)

## GENERAL CONTRACTOR



## ALTA SORVEGLIANZA



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ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= 4.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 16.800 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 8.3000 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.50000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 20000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 32000. (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.42700 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.48900 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 2.8880 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 2.7030 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 5.0000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 23.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.37600 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 3.0390 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-03 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.42700 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.48900 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 2.8880 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 2.7030 WALL NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 11.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -1.5000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 20.900 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 11.800 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 10&lt;U-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.24100 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.27100 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 7.2420 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 6.9970 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 (BOTH WALLS)  
 ITEM NO. 60&lt;D-KA &gt;= 0.20500 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 7.5190 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.24100 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.27100 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 7.2420 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 6.9970 WALL NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 (BOTH WALLS)  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 (BOTH WALLS)

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



GRUPPO FERROVIE DELLO STATO ITALIANE

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ITEM NO.	10	U-KA	>= 0.20500	WALL NO.	1
ITEM NO.	11	U-KP	>= 7.5190	WALL NO.	1
ITEM NO.	12	K0-NC	>= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	>= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	>= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	>= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	>= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	>= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	45	U-KAED	>= 0.24100	WALL NO.	1
ITEM NO.	46	U-KAEW	>= 0.27100	WALL NO.	1
ITEM NO.	47	U-KPED	>= 7.2420	WALL NO.	1
ITEM NO.	48	U-KPEW	>= 7.0030	WALL NO.	1
ITEM NO.	52	D-NATURE	>= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	>= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	>= 20.000	(BOTH WALLS)	
ITEM NO.	59	D-FRICT	>= 37.000	(BOTH WALLS)	
ITEM NO.	60	D-KA	>= 0.20500	WALL NO.	1
ITEM NO.	61	D-KP	>= 7.5190	WALL NO.	1
ITEM NO.	77	D-PERM	>= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	95	D-KAED	>= 0.24100	WALL NO.	1
ITEM NO.	96	D-KAEW	>= 0.27100	WALL NO.	1
ITEM NO.	97	D-KPED	>= 7.2420	WALL NO.	1
ITEM NO.	98	D-KPEW	>= 7.0030	WALL NO.	1

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 9 VALUES



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PHASE DESCRIPTORS

STEP NO.	1		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2		
		LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-3.100	0.000
Z-WATER_TABLE		-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.100	0.000
Z-WATER_TABLE	-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6760E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

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INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.000000000000000  
FOUNDATION WIDTH (B) 25.000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 20.000000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 2879

NO. OF D.P.W FOR THIS AREA 4848  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.8835E-28 REMNOR= 0.000 RATIO =0.6042E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.6042E-16 RATIOR= 0.000  
MAX UN=0.3553E-14 IEQ= 53 NODE 27 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.4364E-29 REMNOR=0.1087E-53 RATIO =0.1343E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.1343E-16 RATIOR= 0.000  
MAX UN=0.9976E-17 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.6841E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.4367E-29 REMNOR=0.2127E-53 RATIO =0.1343E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.1343E-16 RATIOR= 0.000  
MAX UN=0.3790E-17 IEQ= 1 NODE 1 DOF 1 Y-DISPL.F  
MIN UN=-.6337E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS





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33 D	24.46	2.2381E-20	77.73 63.29 77.73	63.29	V-C 1.4103E+05 -6.400 59.00 1.000 1.000
122.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	25.23	2.3418E-20	80.30 65.14 80.30	65.14	V-C 1.4103E+05 -6.600 61.00 1.000 1.000
126.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	26.00	2.4536E-20	83.06 66.98 83.06	66.98	V-C 1.4103E+05 -6.800 63.00 1.000 1.000
130.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	26.76	2.5738E-20	85.45 68.82 85.45	68.82	V-C 1.4103E+05 -7.000 65.00 1.000 1.000
133.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	27.53	2.7020E-20	88.19 70.65 88.19	70.65	V-C 1.4103E+05 -7.200 67.00 1.000 1.000
137.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	28.30	2.8372E-20	90.92 72.48 90.92	72.48	V-C 1.4103E+05 -7.400 69.00 1.000 1.000
141.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	29.06	2.9776E-20	93.63 74.31 93.63	74.31	V-C 1.4103E+05 -7.600 71.00 1.000 1.000
145.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	29.83	3.1208E-20	96.33 76.14 96.33	76.14	V-C 1.4103E+05 -7.800 73.00 1.000 1.000
149.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.30	3.2642E-20	98.72 77.96 98.72	77.96	V-C 1.4103E+05 -8.000 75.00 1.000 1.000
153.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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Doc. N.	Progetto INOR	Lotto 11	Codifica Documento E E2 CL GA 160 1 002	Rev. A	Foglio 2596 di 2653
33 D	24.46	-2.2381E-20	75.08 63.29 75.08	63.29	V-C 7.0113E+04 -6.400 59.00 1.000 1.000
122.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	25.23	-2.3418E-20	77.52 65.14 77.52	65.14	V-C 7.0113E+04 -6.600 61.00 1.000 1.000
126.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	26.00	-2.4536E-20	79.96 66.98 79.96	66.98	V-C 7.0113E+04 -6.800 63.00 1.000 1.000
130.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	26.76	-2.5738E-20	82.40 68.82 82.40	68.82	V-C 7.0113E+04 -7.000 65.00 1.000 1.000
133.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	27.53	-2.7020E-20	84.84 70.65 84.84	70.65	V-C 7.0113E+04 -7.200 67.00 1.000 1.000
137.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	28.30	-2.8372E-20	87.28 72.48 87.28	72.48	V-C 7.0113E+04 -7.400 69.00 1.000 1.000
141.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	29.06	-2.9776E-20	89.72 74.31 89.72	74.31	V-C 7.0113E+04 -7.600 71.00 1.000 1.000
145.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	29.83	-3.1208E-20	92.16 76.14 92.16	76.14	V-C 7.0113E+04 -7.800 73.00 1.000 1.000
149.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.30	-3.2642E-20	94.60 77.96 94.60	77.96	V-C 7.0113E+04 -8.000 75.00 1.000 1.000
153.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-3.78963E-18	3.78963E-18	3.15544E-29	7.57927E-19	
2-7.38008E-18	7.38008E-18	7.57927E-19	2.23394E-18	
3-6.98234E-18	6.98234E-18	2.23394E-18	3.63041E-18	
4-2.59837E-18	2.59837E-18	3.63041E-18	4.15009E-18	
5 5.76780E-18	5.76780E-18	4.15009E-18	2.99653E-18	
6 1.81095E-17	1.81095E-17	2.99653E-18	6.25369E-19	
7 3.44168E-17	3.44168E-17	6.25369E-19	7.50872E-18	
8 5.46763E-17	5.46763E-17	7.50872E-18	1.84440E-17	
9 1.31568E-16	1.31568E-16	1.84440E-17	4.47576E-17	
10 2.20898E-16	2.20898E-16	4.47576E-17	8.89372E-17	
11 3.22588E-16	3.22588E-16	8.89372E-17	1.53455E-16	
12 4.36549E-16	4.36549E-16	1.53455E-16	2.40765E-16	
13 5.62683E-16	5.62683E-16	2.40765E-16	3.53301E-16	
14 7.00893E-16	7.00893E-16	3.53301E-16	4.93480E-16	
15 8.51081E-16	8.51081E-16	4.93480E-16	6.63696E-16	
16 1.01316E-15	1.01316E-15	6.63696E-16	8.66330E-16	
17 1.18707E-15	1.18707E-15	8.66330E-16	1.10374E-15	
18-2.17995E-15	2.17995E-15	1.10374E-15	6.67753E-16	
19-1.98248E-15	1.98248E-15	6.67753E-16	2.71258E-16	
20-1.77319E-15	1.77319E-15	2.71258E-16	8.33790E-17	
21-1.55200E-15	1.55200E-15	8.33790E-17	3.93779E-16	
22-1.31876E-15	1.31876E-15	3.93779E-16	6.57531E-16	
23-1.07329E-15	1.07329E-15	6.57531E-16	8.72188E-16	
24-8.15321E-16	8.15321E-16	8.72188E-16	1.03525E-15	
25-5.44567E-16	5.44567E-16	1.03525E-15	1.14417E-15	
26-1.89709E-16	1.89709E-16	1.14417E-15	1.18211E-15	
27 3.73475E-15	3.73475E-15	1.18211E-15	4.35157E-16	
28 4.12391E-15	4.12391E-15	4.35157E-16	3.89625E-16	
29-2.57443E-15	2.57443E-15	3.89625E-16	1.25261E-16	
30-2.14887E-15	2.14887E-15	1.25261E-16	5.55035E-16	
31-1.70429E-15	1.70429E-15	5.55035E-16	8.95890E-16	
32-1.24017E-15	1.24017E-15	8.95890E-16	1.14392E-15	
33-7.56010E-16	7.56010E-16	1.14392E-15	1.29513E-15	
34-2.51361E-16	2.51361E-16	1.29513E-15	1.34540E-15	
35 2.74185E-16	2.74185E-16	1.34540E-15	1.29056E-15	
36 8.20972E-16	8.20972E-16	1.29056E-15	1.12637E-15	
37 1.38927E-15	1.38927E-15	1.12637E-15	8.48513E-16	
38 1.97928E-15	1.97928E-15	8.48513E-16	4.52657E-16	
39 2.59113E-15	2.59113E-15	4.52657E-16	6.55685E-17	
40-3.27838E-16	3.27838E-16	6.55685E-17	2.77679E-28	

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1484E+05 RIMNOR=0.3730E-28  
RENORM= 1651. REMNOR=0.2127E-53 RATIO =0.3335 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 26.12 RMMAX =0.1345E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1484E+05 RDR =0.1000E-19  
RATIOT=0.3335 RATOR= 0.000  
MAX UN= 9.592 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
MIN UN=-14.53 IEQ= 37 NODE 19 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1484E+05 RIMNOR=0.3730E-28  
RENORM=0.2697 REMNOR=0.8778E-21 RATIO =0.4263E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 26.12 RMMAX =0.1345E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1484E+05 RDR =0.1000E-19  
RATIOT=0.4263E-02 RATOR= 0.000  
MAX UN=0.5169 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.6856E-10 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1484E+05 RIMNOR=0.3730E-28  
RENORM=0.2502E-03 REMNOR=0.1507E-21 RATIO =0.1298E-03 TOLER =0.1000E-03 NOT CONVERGED

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RFMAX = 26.12      RMMAX =0.1345E-14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
RDT  =0.1484E+05 RDR  =0.1000E-19
RATIOT=0.1298E-03 RATIO= 0.000
MAX UN=0.4538E-02 IEQ=   75 NODE    38 DOF   1  Y-DISPL.F
MIN UN=-.5923E-10 IEQ=    3 NODE    2 DOF   1  Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS      0
```

```
ITER      4 RNORM = 0.000      RMNORM= 0.000
RINORM=0.1484E+05 RIMNOR=0.3730E-28
RENORM=0.4925E-07 REMNOR=0.1034E-21 RATIO =0.1822E-05 TOLER =0.1000E-03      CONVERGED !
RFMAX = 26.12      RMMAX =0.1345E-14
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19
RDT  =0.1484E+05 RDR  =0.1000E-19
RATIOT=0.1822E-05 RATIO= 0.000
MAX UN=0.1580E-03 IEQ=    3 NODE    2 DOF   1  Y-DISPL.F
MIN UN=-.7536E-10 IEQ=    7 NODE    4 DOF   1  Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS      0
```

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time :13 June 2018 14:09:49

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	4.3640953E-04	-1.0502717E-04	
2	4.1540410E-04	-1.0502717E-04	
3	3.9439867E-04	-1.0502717E-04	
4	3.7339323E-04	-1.0502717E-04	
5	3.5238861E-04	-1.0501496E-04	
6	3.3139067E-04	-1.0495140E-04	
7	3.1041604E-04	-1.0476794E-04	
8	2.8949800E-04	-1.0436683E-04	
9	2.6869227E-04	-1.0362130E-04	
10	2.4807897E-04	-1.0243340E-04	
11	2.2775416E-04	-1.0071682E-04	
12	2.0783744E-04	-9.8322302E-05	
13	1.8848454E-04	-9.5038180E-05	
14	1.6989970E-04	-9.0591101E-05	
15	1.5234791E-04	-8.4646904E-05	
16	1.3616701E-04	-7.6811705E-05	
17	1.2177938E-04	-6.6633204E-05	
18	1.0967406E-04	-5.4048595E-05	
19	1.0028520E-04	-3.9585038E-05	
20	9.3907707E-05	-2.4106506E-05	
21	9.0653923E-05	-8.4583708E-06	
22	9.0498764E-05	6.8055529E-06	
23	9.3325620E-05	2.1311614E-05	
24	9.8956338E-05	3.4811609E-05	
25	1.0717286E-04	4.7150566E-05	
26	1.1773366E-04	5.8245924E-05	
27	1.3038552E-04	6.8056554E-05	
28	1.4486979E-04	7.6570826E-05	
29	1.6092903E-04	8.3812824E-05	
30	1.7831364E-04	8.9835606E-05	
31	1.9678709E-04	9.4715641E-05	
32	2.1612998E-04	9.8548388E-05	
33	2.3614393E-04	1.0144483E-04	
34	2.5665373E-04	1.0352854E-04	
35	2.7751009E-04	1.0493351E-04	
36	2.9859139E-04	1.0580231E-04	
37	3.1980509E-04	1.0628371E-04	
38	3.4108803E-04	1.0651401E-04	
39	3.6240108E-04	1.0660018E-04	
40	3.8372366E-04	1.0661971E-04	
41	4.0504805E-04	1.0662067E-04	





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33 D	16.44	-2.3614E-04	131.0	82.20	131.0	103.7	UL-RL	9.1227E+04	-6.400	0.000	1.000	1.000
82.20	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	16.72	-2.5665E-04	135.4	83.58	135.4	107.0	UL-RL	9.1227E+04	-6.600	0.000	1.000	1.000
83.58	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	16.98	-2.7751E-04	140.0	84.92	140.0	110.2	UL-RL	9.1227E+04	-6.800	0.000	1.000	1.000
84.92	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	17.25	-2.9859E-04	144.2	86.23	144.2	113.5	UL-RL	9.1227E+04	-7.000	0.000	1.000	1.000
86.23	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	17.51	-3.1981E-04	148.8	87.53	148.8	116.7	UL-RL	9.1227E+04	-7.200	0.000	1.000	1.000
87.53	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	17.76	-3.4109E-04	153.3	88.81	153.3	119.9	UL-RL	9.1227E+04	-7.400	0.000	1.000	1.000
88.81	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	18.02	-3.6240E-04	157.9	90.10	157.9	123.2	UL-RL	9.1227E+04	-7.600	0.000	1.000	1.000
90.10	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	18.27	-3.8372E-04	162.4	91.37	162.4	126.4	UL-RL	9.1227E+04	-7.800	0.000	1.000	1.000
91.37	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.265	-4.0505E-04	166.7	92.65	166.7	129.6	UL-RL	9.1227E+04	-8.000	0.000	1.000	1.000
92.65	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									



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33 D	14.40	2.3614E-04	69.67 71.98 75.08	72.01	UL-RL 4.5355E+04 -6.400 0.000 1.000 1.000
71.98	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	14.52	2.5665E-04	73.95 72.61 77.52	72.64	UL-RL 4.5355E+04 -6.600 0.000 1.000 1.000
72.61	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	14.67	2.7751E-04	78.23 73.33 79.96	73.36	UL-RL 4.5355E+04 -6.800 0.000 1.000 1.000
73.33	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	14.86	2.9859E-04	82.51 74.29 82.51	74.32	UL-RL 4.5355E+04 -7.000 0.000 1.000 1.000
74.29	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	15.58	3.1981E-04	86.79 77.90 86.79	77.93	UL-RL 4.5355E+04 -7.200 0.000 1.000 1.000
77.90	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	16.30	3.4109E-04	91.07 81.52 91.07	81.55	UL-RL 4.5355E+04 -7.400 0.000 1.000 1.000
81.52	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	17.03	3.6240E-04	95.35 85.13 95.35	85.16	UL-RL 4.5355E+04 -7.600 0.000 1.000 1.000
85.13	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	17.75	3.8372E-04	99.63 88.74 99.63	88.77	UL-RL 4.5355E+04 -7.800 0.000 1.000 1.000
88.74	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	9.234	4.0505E-04	103.9 92.34 103.9	92.37	UL-RL 4.5355E+04 -8.000 0.000 1.000 1.000
92.34	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION *Build date:Nov 13, 2017*
NewProject.BaseDesignSection_28.SISMICASTR_3835
Exe Time :13 June 2018 14:09:49
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New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40

CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	1.87619E-11	-1.87619E-11	1.88347E-12	8.57730E-12
2	2.26614E-11	-2.26614E-11	-4.44908E-12	1.10033E-11
3	-3.54889E-11	3.54889E-11	-1.22931E-11	5.24142E-12
4	0.38627	-0.38627	-4.76397E-12	7.72530E-02
5	1.2387	-1.2387	-7.72530E-02	0.32499
6	2.5548	-2.5548	-0.32499	0.83594
7	4.3317	-4.3317	-0.83594	1.7023
8	6.5660	-6.5660	-1.7023	3.0155
9	7.4310	-7.4310	-3.0155	4.5017
10	9.2964	-9.2964	-4.5017	6.3610
11	12.154	-12.154	-6.3610	8.7917
12	15.994	-15.994	-8.7917	11.990
13	20.803	-20.803	-11.990	16.151
14	26.567	-26.567	-16.151	21.464
15	33.265	-33.265	-21.464	28.117
16	40.876	-40.876	-28.117	36.293
17	35.256	-35.256	-36.293	43.344
18	24.195	-24.195	-43.344	48.183
19	7.9194	-7.9194	-48.183	49.767
20	-2.5507	2.5507	-49.767	49.256
21	-9.6084	9.6084	-49.256	47.335
22	-14.371	14.371	-47.335	44.461
23	-17.462	17.462	-44.461	40.968
24	-19.274	19.274	-40.968	37.114
25	-20.074	20.074	-37.114	33.099
26	-20.574	20.574	-33.099	28.984
27	-20.445	20.445	-28.984	24.895
28	-19.810	19.810	-24.895	20.933
29	-18.766	18.766	-20.933	17.180
30	-17.391	17.391	-17.180	13.702
31	-15.745	15.745	-13.702	10.552
32	-13.880	13.880	-10.552	7.7764
33	-11.835	11.835	-7.7764	5.4094
34	-9.6409	9.6409	-5.4094	3.4813
35	-7.3232	7.3232	-3.4813	2.0166
36	-4.9347	4.9347	-2.0166	1.0297
37	-3.0100	3.0100	-1.0297	0.42769
38	-1.5507	1.5507	-0.42769	0.11756
39	-0.55741	0.55741	-0.11756	6.07487E-03
40	-3.03739E-02	3.03739E-02	-6.07487E-03	1.01105E-12

```

ITER 0 RNORM = 3.342 RMNORM= 0.000
RINORM=0.3297E+05 RIMNOR=0.4639E+05
RENORM= 4.011 REMNOR=0.1034E-21 RATIO =0.1103E-01 TOLER =0.1000E-03 NOT CONVERGED
RFMAX = 40.88 RMMAX = 49.77
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT =0.3297E+05 RDR =0.4639E+05
RATIOT=0.1103E-01 RATIO= 0.000
MAX UN=0.5513 IEQ= 35 NODE 18 DOF 1 Y-DISPL.F
MIN UN=-.3507E-10 IEQ= 73 NODE 37 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

```

```

ITER 2 RNORM = 3.342 RMNORM= 0.000
RINORM=0.3297E+05 RIMNOR=0.4639E+05
RENORM=0.2629E-01 REMNOR=0.1697E-21 RATIO =0.8930E-03 TOLER =0.1000E-03 NOT CONVERGED
RFMAX = 40.88 RMMAX = 49.77
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT =0.3297E+05 RDR =0.4639E+05
RATIOT=0.8930E-03 RATIO= 0.000
MAX UN=0.1547 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F
MIN UN=-.1580E-03 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

```

```

ITER 3 RNORM = 3.342 RMNORM= 0.000
RINORM=0.3297E+05 RIMNOR=0.4639E+05
RENORM=0.2802E-19 REMNOR=0.1347E-21 RATIO =0.9220E-12 TOLER =0.1000E-03 CONVERGED !

```

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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```
RFMAX = 40.88      RMMAX = 49.77
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03
RDT   =0.3297E+05 RDR   =0.4639E+05
RATIOT=0.9220E-12 RATIO= 0.000
MAX UN=0.8425E-10 IEQ=   3 NODE   2 DOF   1 Y-DISPL.F
MIN UN=-.5363E-10 IEQ=   1 NODE   1 DOF   1 Y-DISPL.F
NO. OF CONTACT CONSTRAINT VIOLATIONS      0
```

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
Exe Time :13 June 2018 14:09:49

New Project  
SOLUTION REACHED USING 3 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	5.5662536E-04	-1.3596344E-04	
2	5.2943318E-04	-1.3595593E-04	
3	5.0224499E-04	-1.3591840E-04	
4	4.7506982E-04	-1.3582080E-04	
5	4.4792299E-04	-1.3562842E-04	
6	4.2082841E-04	-1.3528666E-04	
7	3.9382395E-04	-1.3471062E-04	
8	3.6696745E-04	-1.3378531E-04	
9	3.4034277E-04	-1.3236581E-04	
10	3.1406040E-04	-1.3035721E-04	
11	2.8824307E-04	-1.2770087E-04	
12	2.6303131E-04	-1.2427568E-04	
13	2.3859662E-04	-1.1989317E-04	
14	2.1515486E-04	-1.1429841E-04	
15	1.9297943E-04	-1.0717108E-04	
16	1.7241422E-04	-9.8126791E-05	
17	1.5388596E-04	-8.6722387E-05	
18	1.3788602E-04	-7.2905218E-05	
19	1.2484957E-04	-5.7202662E-05	
20	1.1507368E-04	-4.0469355E-05	
21	1.0867376E-04	-2.3557454E-05	
22	1.0562428E-04	-7.0423757E-06	
23	1.0580423E-04	8.6839399E-06	
24	1.0902771E-04	2.3358062E-05	
25	1.1506614E-04	3.6812582E-05	
26	1.2366527E-04	4.8955010E-05	
27	1.3455731E-04	5.9735687E-05	
28	1.4746746E-04	6.9135894E-05	
29	1.6212092E-04	7.7174882E-05	
30	1.7825001E-04	8.3902915E-05	
31	1.9559973E-04	8.9395599E-05	
32	2.1393224E-04	9.3749469E-05	
33	2.3303110E-04	9.7078441E-05	
34	2.5270383E-04	9.9510665E-05	
35	2.7278492E-04	1.0118622E-04	
36	2.9313788E-04	1.0225520E-04	
37	3.1365696E-04	1.0287512E-04	
38	3.3426765E-04	1.0319233E-04	
39	3.5492159E-04	1.0332497E-04	
40	3.7559132E-04	1.0336291E-04	
41	3.9626485E-04	1.0336766E-04	



GENERAL CONTRACTOR



ALTA SORVEGLIANZA



GRUPPO FERROVIE DELLO STATO ITALIANE

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33 D	16.50	-2.3303E-04	131.0	82.49	131.0	103.7	UL-RL	9.1227E+04	-6.400	0.000	1.000	1.000
82.49	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	16.79	-2.5270E-04	135.4	83.94	135.4	107.0	UL-RL	9.1227E+04	-6.600	0.000	1.000	1.000
83.94	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	17.07	-2.7278E-04	140.0	85.35	140.0	110.2	UL-RL	9.1227E+04	-6.800	0.000	1.000	1.000
85.35	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	17.35	-2.9314E-04	144.2	86.73	144.2	113.5	UL-RL	9.1227E+04	-7.000	0.000	1.000	1.000
86.73	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	17.62	-3.1366E-04	148.8	88.09	148.8	116.7	UL-RL	9.1227E+04	-7.200	0.000	1.000	1.000
88.09	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	17.89	-3.3427E-04	153.3	89.44	153.3	119.9	UL-RL	9.1227E+04	-7.400	0.000	1.000	1.000
89.44	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	18.16	-3.5492E-04	157.9	90.78	157.9	123.2	UL-RL	9.1227E+04	-7.600	0.000	1.000	1.000
90.78	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	18.42	-3.7559E-04	162.4	92.11	162.4	126.4	UL-RL	9.1227E+04	-7.800	0.000	1.000	1.000
92.11	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.345	-3.9626E-04	166.7	93.45	166.7	129.6	UL-RL	9.1227E+04	-8.000	0.000	1.000	1.000
93.45	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									





GENERAL CONTRACTOR

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ALTA SORVEGLIANZA



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33 D	14.37	2.3303E-04	69.67 71.83 75.08	72.01	UL-RL 4.5355E+04 -6.400 0.000 1.000 1.000
71.83	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	14.49	2.5270E-04	73.95 72.43 77.52	72.64	UL-RL 4.5355E+04 -6.600 0.000 1.000 1.000
72.43	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	14.62	2.7278E-04	78.23 73.11 79.96	73.36	UL-RL 4.5355E+04 -6.800 0.000 1.000 1.000
73.11	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	14.81	2.9314E-04	82.51 74.04 82.51	74.32	UL-RL 4.5355E+04 -7.000 0.000 1.000 1.000
74.04	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	15.52	3.1366E-04	86.79 77.62 86.79	77.93	UL-RL 4.5355E+04 -7.200 0.000 1.000 1.000
77.62	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	16.24	3.3427E-04	91.07 81.21 91.07	81.55	UL-RL 4.5355E+04 -7.400 0.000 1.000 1.000
81.21	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	16.96	3.5492E-04	95.35 84.79 95.35	85.16	UL-RL 4.5355E+04 -7.600 0.000 1.000 1.000
84.79	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	17.67	3.7559E-04	99.63 88.37 99.63	88.77	UL-RL 4.5355E+04 -7.800 0.000 1.000 1.000
88.37	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	9.195	3.9626E-04	103.9 91.95 103.9	92.37	UL-RL 4.5355E+04 -8.000 0.000 1.000 1.000
91.95	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICATR\_3835  
Exe Time :13 June 2018 14:09:49

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.23754	-0.23754	5.37712E-12	4.75088E-02
2	0.71263	-0.71263	-4.75088E-02	0.19004
3	1.1877	-1.1877	-0.19004	0.42758
4	1.8112	-1.8112	-0.42758	0.78982
5	2.9152	-2.9152	-0.78982	1.3729
6	4.4972	-4.4972	-1.3729	2.2723
7	6.5541	-6.5541	-2.2723	3.5831
8	9.0822	-9.0822	-3.5831	5.3996
9	9.5573	-9.5573	-5.3996	7.3110
10	10.937	-10.937	-7.3110	9.4985
11	13.389	-13.389	-9.4985	12.176
12	16.901	-16.901	-12.176	15.556
13	21.455	-21.455	-15.556	19.848
14	27.035	-27.035	-19.848	25.255
15	33.618	-33.618	-25.255	31.978
16	41.055	-41.055	-31.978	40.189
17	35.287	-35.287	-40.189	47.247
18	24.367	-24.367	-47.247	52.120
19	8.2465	-8.2465	-52.120	53.769
20	-2.5930	2.5930	-53.769	53.251
21	-9.9653	9.9653	-53.251	51.258
22	-14.991	14.991	-51.258	48.259
23	-18.300	18.300	-48.259	44.599
24	-20.288	20.288	-44.599	40.542
25	-21.227	21.227	-40.542	36.296
26	-21.858	21.858	-36.296	31.925
27	-21.822	21.822	-31.925	27.560
28	-21.247	21.247	-27.560	23.311
29	-20.232	20.232	-23.311	19.265
30	-18.855	18.855	-19.265	15.494
31	-17.177	17.177	-15.494	12.058
32	-15.252	15.252	-12.058	9.0078
33	-13.122	13.122	-9.0078	6.3835
34	-10.820	10.820	-6.3835	4.2196
35	-8.3728	8.3728	-4.2196	2.5450
36	-5.8353	5.8353	-2.5450	1.3779
37	-3.7427	3.7427	-1.3779	0.62939
38	-2.0971	2.0971	-0.62939	0.20997
39	-0.89951	0.89951	-0.20997	3.00677E-02
40	-0.15034	0.15034	-3.00677E-02	8.73884E-13

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NewProject.BaseDesignSection\_28.SISMICASTR\_3835  
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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	3

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.03 [sec]

DATABASE CREATION CPU TIME..... 0.06 [sec]

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### Design Assumption : SISMICA GEO - File di Paratie - File di output (.out)

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
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-----

```

*****
*
* PARATIE PLUS Non-Linear Spring Engine
*
* AN ELASTOPLASTIC FINITE ELEMENT PROGRAM
* FOR FLEXIBLE EARTH-RETAINING STRUCTURES
*
* Written by Ce.A.S. s.r.l. (ITALY)
* with the scientific supervision of
* Roberto Nova - full professor SOIL MECHANICS
* at Politecnico di Milano (ITALY)
*
*****
*
* RELEASE 2018.0 *Build date:Nov 13, 2017*
*
*
* Ce.A.S. S.R.L CENTRO DI ANALISI STRUTTURALE
* VIALE GIUSTINIANO 10
* 20129 M I L A N O (ITALIA)
* TEL. +39 02 2020221
*
* email bruno.becci@ceas.it
* Web Page www.ceas.it www.paratieplus.com
*****

```

JOB : NewProject.BaseDesignSection\_28.SISMICAGEO\_3865

STARTING

```

ACCEPTED <FILE,GENW >
ACCEPTED <FILE,PLOTTER,BINARY >
ACCEPTED <SOLVE TOTAL_STRESS >
ACCEPTED <PARAM ITEMAX 40 >
ACCEPTED <CONTROL HINGES 0 0.0001 0.001 >

```

```

*****
*
* WARNING : PORE PRESSURES ARE AUTOMATICALLY COMPUTED
* BY THE PROGRAM.
*****

```

PRELIMINARY OPERATIONS CPU TIME 0.01 [sec]

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INPUT FILE HAS BEEN GENERATED BY WALGEN PROGRAM

New Project

NO. OF NODAL POINTS (NUMNP) .....	41
NO. OF COORDINATES (NCOORD).....	2
NO. OF NODE DOFS (NDOF).....	2
NO. OF EQUATIONS (NEQ).....	82
NO. OF CONSTRAINTS CARDS (NVINC).....	0
NO. OF ELEMENT GROUPS (NEG).....	3
NO. OF SOLUTION STEPS (NSTE).....	3
NO. OF ELEMENT SETS ATTACHED TO SLAVE NODES ...	0
NO. OF RECORD FROM WALGEN .....	106
NO. OF LONG NAMES (LASTNAME) .....	15
LENGTH UNIT CHOICE .....	3 ( M )
FORCE UNIT CHOICE .....	3 ( KN )
MAX PORE PRESSURE TABLE LENGTH.....	1
NO. OF ELEMENT GROUPS REQUIRING ADD. SLIP DOF .	0

IDOFA (01) = 2 Y-DISPL.F  
IDOFA (02) = 4 X-ROT. F

RELEVANT ITEMS UNITS

STRESSES	kPa
Y-DISPLACEMENTS	m
ROTATIONS	RADIANS
BEAM AND SLAB MOMENTS	kN*m/m
BEAM SHEAR FORCES	kN/m
ANCHOR FORCES	kN/m
AXIAL FORCES IN TRUSSES	kN/m
AXIAL FORCES SPRINGS	kN/m
Y-REACTIONS	kN/m
X-MOMENT REACTIONS	kN*m/m
ETC.	

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P R E P R O C E S S O R D A T A

N O . O F C O M M A N D S 106

```

1 : UNIT m kN
2 : TITLE New Project
3 : DELTA 0.2
4 : option param itemax 40
5 : option control hinges 0 0.0001 0.001
6 : WALL LeftWall_32 0 -8 0 1
7 : SOIL 0_L LeftWall_32 -8 0 1 0
8 : SOIL 0_R LeftWall_32 -8 0 2 180
9 : LDATA Riporto_2_8_L_0 4 LeftWall_32
10 : ATREST 0.5 1 1
11 : WEIGHT 16.8 8.3 10
12 : PERMEABILITY 0.0001
13 : RESISTANCE 5 23 0 0 0
14 : YOUNG 2E+04 3.2E+04
15 : ENDL
16 : LDATA sabbialimosoghiaiosal_234_219_L_0 -1.5 LeftWall_32
17 : ATREST 0.76 2 1
18 : WEIGHT 20.9 11.8 10
19 : PERMEABILITY 1E-05
20 : RESISTANCE 10 37 0 0 0
21 : YOUNG 6E+04 1.5E+05
22 : ENDL
23 : LDATA Sabbialimosoghiaiosal_235_220_L_0 -5 LeftWall_32
24 : ATREST 0.76 2 1
25 : WEIGHT 21.4 12.2 10
26 : PERMEABILITY 1E-05
27 : RESISTANCE 20 37 0 0 0
28 : YOUNG 7.5E+04 1.88E+05
29 : ENDL
30 : MATERIAL Fe360_108 2.06E+08
31 : MATERIAL C2530_104 3.148E+07
32 : BEAM WallElement_33 LeftWall_32 -8 0 C2530_104 0.6225 00 00 0
33 : STRIP LeftWall_32 1 3 5 25 0 20 45
34 : STEP Stage1_31
35 : CHANGE Riporto_2_8_L_0 U-FRICT=18.76 LeftWall_32
36 : CHANGE Riporto_2_8_L_0 D-FRICT=18.76 LeftWall_32
37 : CHANGE Riporto_2_8_L_0 U-KA=0.449 LeftWall_32
38 : CHANGE Riporto_2_8_L_0 U-KP=2.415 LeftWall_32
39 : CHANGE Riporto_2_8_L_0 D-KA=0.449 LeftWall_32
40 : CHANGE Riporto_2_8_L_0 D-KP=2.415 LeftWall_32
41 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-FRICT=31.08 LeftWall_32
42 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-FRICT=31.08 LeftWall_32
43 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KA=0.267 LeftWall_32
44 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-KP=4.957 LeftWall_32
45 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KA=0.267 LeftWall_32
46 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-KP=4.957 LeftWall_32
47 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-FRICT=31.08 LeftWall_32
48 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-FRICT=31.08 LeftWall_32
49 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KA=0.267 LeftWall_32
50 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-KP=4.957 LeftWall_32
51 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KA=0.267 LeftWall_32
52 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-KP=4.957 LeftWall_32
53 : CHANGE Riporto_2_8_L_0 U-COHE=4 LeftWall_32
54 : CHANGE Riporto_2_8_L_0 U-ADHES=0 LeftWall_32
55 : CHANGE Riporto_2_8_L_0 D-COHE=4 LeftWall_32
56 : CHANGE Riporto_2_8_L_0 D-ADHES=0 LeftWall_32
57 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-COHE=8 LeftWall_32
58 : CHANGE sabbialimosoghiaiosal_234_219_L_0 U-ADHES=0 LeftWall_32
59 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-COHE=8 LeftWall_32
60 : CHANGE sabbialimosoghiaiosal_234_219_L_0 D-ADHES=0 LeftWall_32
61 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-COHE=16 LeftWall_32
62 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 U-ADHES=0 LeftWall_32
63 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-COHE=16 LeftWall_32
64 : CHANGE Sabbialimosoghiaiosal_235_220_L_0 D-ADHES=0 LeftWall_32
65 : SETWALL LeftWall_32
66 : GEOM 0 0
67 : WATER -0.5 0 -8 0 0
68 : ADD WallElement_33
69 : ENDSTEP
70 : STEP Stage2_446
71 : SETWALL LeftWall_32
72 : GEOM 0 -3.1
73 : WATER -12.4 0 -8 0 0
74 : ENDSTEP
75 : STEP Stage3_549
76 : SETWALL LeftWall_32
77 : GEOM 0 -3.1

```

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78 : WATER -12.4 0 -8 0 0  
79 : CHANGE Riporto\_2\_8\_L\_0 U-KAED=0.506 LeftWall\_32  
80 : CHANGE Riporto\_2\_8\_L\_0 U-KAEW=0.578 LeftWall\_32  
81 : CHANGE Riporto\_2\_8\_L\_0 U-KPED=2.283 LeftWall\_32  
82 : CHANGE Riporto\_2\_8\_L\_0 U-KPEW=2.117 LeftWall\_32  
83 : CHANGE Riporto\_2\_8\_L\_0 D-KAED=0.506 LeftWall\_32  
84 : CHANGE Riporto\_2\_8\_L\_0 D-KAEW=0.578 LeftWall\_32  
85 : CHANGE Riporto\_2\_8\_L\_0 D-KPED=2.283 LeftWall\_32  
86 : CHANGE Riporto\_2\_8\_L\_0 D-KPEW=2.117 LeftWall\_32  
87 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAED=0.308 LeftWall\_32  
88 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KAEW=0.344 LeftWall\_32  
89 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPED=4.749 LeftWall\_32  
90 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 U-KPEW=4.566 LeftWall\_32  
91 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAED=0.308 LeftWall\_32  
92 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KAEW=0.344 LeftWall\_32  
93 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPED=4.749 LeftWall\_32  
94 : CHANGE sabbialimosoghiaiosal\_234\_219\_L\_0 D-KPEW=4.566 LeftWall\_32  
95 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAED=0.308 LeftWall\_32  
96 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KAEW=0.343 LeftWall\_32  
97 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPED=4.749 LeftWall\_32  
98 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 U-KPEW=4.57 LeftWall\_32  
99 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAED=0.308 LeftWall\_32  
100 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KAEW=0.343 LeftWall\_32  
101 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPED=4.749 LeftWall\_32  
102 : CHANGE Sabbialimosoghiaiosa2\_235\_220\_L\_0 D-KPEW=4.57 LeftWall\_32  
103 : EQK USER 0.0676 0 0 0 0.66 0 0.66 1 0  
104 : DLOAD step LeftWall\_32 -3.1 1.487 0 1.487  
105 : DLOAD step LeftWall\_32 -3.1 0.8495 0 0.8495  
106 : ENDSTEP





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```

ELEMENT GROUP NO. 1

```

0_L
5 41 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage  status
-----
1  active
2  active
3  active

```

```

material set no.  1

prop( 1) angle           0.00000
prop( 2) layer as foreseen 1.00000

```

```

material set no.  2

prop( 1) angle           0.00000
prop( 2) layer as foreseen 2.00000

```

```

material set no.  3

prop( 1) angle           0.00000
prop( 2) layer as foreseen 3.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	1.000
2	2	1	0.2000	0.000	0.000	0.000	1.000
3	3	1	0.2000	0.000	0.000	0.000	1.000
4	4	1	0.2000	0.000	0.000	0.000	1.000
5	5	1	0.2000	0.000	0.000	0.000	1.000
6	6	1	0.2000	0.000	0.000	0.000	1.000
7	7	1	0.2000	0.000	0.000	0.000	1.000
8	8	1	0.2000	0.000	0.000	0.000	1.000
9	9	2	0.2000	0.000	0.000	0.000	1.000
10	10	2	0.2000	0.000	0.000	0.000	1.000
11	11	2	0.2000	0.000	0.000	0.000	1.000
12	12	2	0.2000	0.000	0.000	0.000	1.000
13	13	2	0.2000	0.000	0.000	0.000	1.000
14	14	2	0.2000	0.000	0.000	0.000	1.000
15	15	2	0.2000	0.000	0.000	0.000	1.000
16	16	2	0.2000	0.000	0.000	0.000	1.000
17	17	2	0.2000	0.000	0.000	0.000	1.000
18	18	2	0.2000	0.000	0.000	0.000	1.000
19	19	2	0.2000	0.000	0.000	0.000	1.000
20	20	2	0.2000	0.000	0.000	0.000	1.000
21	21	2	0.2000	0.000	0.000	0.000	1.000
22	22	2	0.2000	0.000	0.000	0.000	1.000
23	23	2	0.2000	0.000	0.000	0.000	1.000
24	24	2	0.2000	0.000	0.000	0.000	1.000
25	25	2	0.2000	0.000	0.000	0.000	1.000
26	26	2	0.2000	0.000	0.000	0.000	1.000
27	27	3	0.2000	0.000	0.000	0.000	1.000
28	28	3	0.2000	0.000	0.000	0.000	1.000
29	29	3	0.2000	0.000	0.000	0.000	1.000
30	30	3	0.2000	0.000	0.000	0.000	1.000
31	31	3	0.2000	0.000	0.000	0.000	1.000
32	32	3	0.2000	0.000	0.000	0.000	1.000
33	33	3	0.2000	0.000	0.000	0.000	1.000
34	34	3	0.2000	0.000	0.000	0.000	1.000
35	35	3	0.2000	0.000	0.000	0.000	1.000
36	36	3	0.2000	0.000	0.000	0.000	1.000
37	37	3	0.2000	0.000	0.000	0.000	1.000
38	38	3	0.2000	0.000	0.000	0.000	1.000
39	39	3	0.2000	0.000	0.000	0.000	1.000
40	40	3	0.2000	0.000	0.000	0.000	1.000
41	41	3	0.1000	0.000	0.000	0.000	1.000

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+-----+

```

ELEMENT GROUP NO. 2

```

0_R
5 41 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3 0 0 0 0

```

```

.....
.....2D PLASTIC SOIL .....
.....

```

element group behaviour throughout stage analysis

```

stage  status
-----
 1  active
 2  active
 3  active

```

```

material set no.  1

prop( 1) angle           180.000
prop( 2) layer as foreseen 1.00000

```

```

material set no.  2

prop( 1) angle           180.000
prop( 2) layer as foreseen 2.00000

```

```

material set no.  3

prop( 1) angle           180.000
prop( 2) layer as foreseen 3.00000

```

element data

el	n	mat	area	.....	.....	.....	flag
1	1	1	0.1000	0.000	0.000	0.000	2.000
2	2	1	0.2000	0.000	0.000	0.000	2.000
3	3	1	0.2000	0.000	0.000	0.000	2.000
4	4	1	0.2000	0.000	0.000	0.000	2.000
5	5	1	0.2000	0.000	0.000	0.000	2.000
6	6	1	0.2000	0.000	0.000	0.000	2.000
7	7	1	0.2000	0.000	0.000	0.000	2.000
8	8	1	0.2000	0.000	0.000	0.000	2.000
9	9	2	0.2000	0.000	0.000	0.000	2.000
10	10	2	0.2000	0.000	0.000	0.000	2.000
11	11	2	0.2000	0.000	0.000	0.000	2.000
12	12	2	0.2000	0.000	0.000	0.000	2.000
13	13	2	0.2000	0.000	0.000	0.000	2.000
14	14	2	0.2000	0.000	0.000	0.000	2.000
15	15	2	0.2000	0.000	0.000	0.000	2.000
16	16	2	0.2000	0.000	0.000	0.000	2.000
17	17	2	0.2000	0.000	0.000	0.000	2.000
18	18	2	0.2000	0.000	0.000	0.000	2.000
19	19	2	0.2000	0.000	0.000	0.000	2.000
20	20	2	0.2000	0.000	0.000	0.000	2.000
21	21	2	0.2000	0.000	0.000	0.000	2.000
22	22	2	0.2000	0.000	0.000	0.000	2.000
23	23	2	0.2000	0.000	0.000	0.000	2.000
24	24	2	0.2000	0.000	0.000	0.000	2.000
25	25	2	0.2000	0.000	0.000	0.000	2.000
26	26	2	0.2000	0.000	0.000	0.000	2.000
27	27	3	0.2000	0.000	0.000	0.000	2.000
28	28	3	0.2000	0.000	0.000	0.000	2.000
29	29	3	0.2000	0.000	0.000	0.000	2.000
30	30	3	0.2000	0.000	0.000	0.000	2.000
31	31	3	0.2000	0.000	0.000	0.000	2.000
32	32	3	0.2000	0.000	0.000	0.000	2.000
33	33	3	0.2000	0.000	0.000	0.000	2.000
34	34	3	0.2000	0.000	0.000	0.000	2.000
35	35	3	0.2000	0.000	0.000	0.000	2.000
36	36	3	0.2000	0.000	0.000	0.000	2.000
37	37	3	0.2000	0.000	0.000	0.000	2.000
38	38	3	0.2000	0.000	0.000	0.000	2.000
39	39	3	0.2000	0.000	0.000	0.000	2.000
40	40	3	0.2000	0.000	0.000	0.000	2.000
41	41	3	0.1000	0.000	0.000	0.000	2.000

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|
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```

ELEMENT GROUP NO. 3

```

WallElement_33
 2 40 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 0

```

```

.....2D WALL ELEMENT.....

```

element group behaviour throughout stage analysis

```

stage  status
-----
 1  active
 2  active
 3  active

```

material set no. 1

```

prop( 1) young modulus      0.314800E+08
prop( 2) modification time  0.00000
prop( 3) new young modulus  0.00000
prop( 4) poisson ratio      0.00000
prop( 5) future .....      0.00000

```

```

no. of step variable items: 1
step  inertia multiplier
-----
 1  1.000
 2  1.000
 3  1.000

```

element data

el	na	nb	mat	erc1	erc2	thick	by-i	by-j
1	1	2	1	0.000	0.000	0.6225	0.000	0.000
2	2	3	1	0.000	0.000	0.6225	0.000	0.000
3	3	4	1	0.000	0.000	0.6225	0.000	0.000
4	4	5	1	0.000	0.000	0.6225	0.000	0.000
5	5	6	1	0.000	0.000	0.6225	0.000	0.000
6	6	7	1	0.000	0.000	0.6225	0.000	0.000
7	7	8	1	0.000	0.000	0.6225	0.000	0.000
8	8	9	1	0.000	0.000	0.6225	0.000	0.000
9	9	10	1	0.000	0.000	0.6225	0.000	0.000
10	10	11	1	0.000	0.000	0.6225	0.000	0.000
11	11	12	1	0.000	0.000	0.6225	0.000	0.000
12	12	13	1	0.000	0.000	0.6225	0.000	0.000
13	13	14	1	0.000	0.000	0.6225	0.000	0.000
14	14	15	1	0.000	0.000	0.6225	0.000	0.000
15	15	16	1	0.000	0.000	0.6225	0.000	0.000
16	16	17	1	0.000	0.000	0.6225	0.000	0.000
17	17	18	1	0.000	0.000	0.6225	0.000	0.000
18	18	19	1	0.000	0.000	0.6225	0.000	0.000
19	19	20	1	0.000	0.000	0.6225	0.000	0.000
20	20	21	1	0.000	0.000	0.6225	0.000	0.000
21	21	22	1	0.000	0.000	0.6225	0.000	0.000
22	22	23	1	0.000	0.000	0.6225	0.000	0.000
23	23	24	1	0.000	0.000	0.6225	0.000	0.000
24	24	25	1	0.000	0.000	0.6225	0.000	0.000
25	25	26	1	0.000	0.000	0.6225	0.000	0.000
26	26	27	1	0.000	0.000	0.6225	0.000	0.000
27	27	28	1	0.000	0.000	0.6225	0.000	0.000
28	28	29	1	0.000	0.000	0.6225	0.000	0.000
29	29	30	1	0.000	0.000	0.6225	0.000	0.000
30	30	31	1	0.000	0.000	0.6225	0.000	0.000
31	31	32	1	0.000	0.000	0.6225	0.000	0.000
32	32	33	1	0.000	0.000	0.6225	0.000	0.000
33	33	34	1	0.000	0.000	0.6225	0.000	0.000
34	34	35	1	0.000	0.000	0.6225	0.000	0.000
35	35	36	1	0.000	0.000	0.6225	0.000	0.000
36	36	37	1	0.000	0.000	0.6225	0.000	0.000
37	37	38	1	0.000	0.000	0.6225	0.000	0.000
38	38	39	1	0.000	0.000	0.6225	0.000	0.000
39	39	40	1	0.000	0.000	0.6225	0.000	0.000
40	40	41	1	0.000	0.000	0.6225	0.000	0.000

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NO. OF NODAL LOADS (NLOAD) ..... 0  
NO. OF LOAD CURVES (NLCUR) ..... 6  
MAXIMUM POINTS/LCURVE (NPTM)..... 5

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L O A D D A T A

LOAD FUNCTION NUMBER = 1  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
1.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 2  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
2.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 3  
NUMBER OF TIME POINTS = 5

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
3.20000	0.0000E+00
4.00000	0.0000E+00

LOAD FUNCTION NUMBER = 4  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
0.80000	0.0000E+00
1.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 5  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
1.80000	0.0000E+00
2.00000	0.1000E+01
4.00000	0.1000E+01

LOAD FUNCTION NUMBER = 6  
NUMBER OF TIME POINTS = 4

TIME VALUE	FUNCTION
0.00000	0.0000E+00
2.80000	0.0000E+00
3.00000	0.1000E+01
4.00000	0.1000E+01

PROCESSING DISTRIBUTED LOADS CARD NO. 1  
 AT Y-COORD 0.000 Z-COORD -3.100 PRESSURE 1.487  
 Z-COORD 0.000 PRESSURE 1.487

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L.CURVE 3

NO. OF GENERATED NODAL FORCES 16											
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
16	-.3000E+01	0.2255283E+00 /	15	-.2800E+01	0.3023567E+00 /	14	-.2600E+01	0.3023567E+00 /	13	-.2400E+01	0.3023567E+00 /
13	-.2400E+01	0.3023567E+00 /	12	-.2200E+01	0.3023567E+00 /	11	-.2000E+01	0.3023567E+00 /	10	-.1800E+01	0.3023567E+00 /
10	-.1800E+01	0.3023567E+00 /	9	-.1600E+01	0.3023567E+00 /	8	-.1400E+01	0.3023567E+00 /	7	-.1200E+01	0.3023567E+00 /
7	-.1200E+01	0.3023567E+00 /	6	-.1000E+01	0.3023567E+00 /	5	-.8000E+00	0.3023567E+00 /	4	-.6000E+00	0.3023567E+00 /
4	-.6000E+00	0.3023567E+00 /	3	-.4000E+00	0.3023567E+00 /	2	-.2000E+00	0.3023567E+00 /	1	0.0000E+00	0.1511783E+00 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 4.6097

PROCESSING DISTRIBUTED LOADS CARD NO. 2  
 AT Y-COORD 0.000 Z-COORD -3.100 PRESSURE 0.8495  
 Z-COORD 0.000 PRESSURE 0.8495

L.CURVE 3

NO. OF GENERATED NODAL FORCES 16											
NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /	NODE	Z-LVL	FORCE /
16	-.3000E+01	0.1288408E+00 /	15	-.2800E+01	0.1727317E+00 /	14	-.2600E+01	0.1727317E+00 /	13	-.2400E+01	0.1727317E+00 /
13	-.2400E+01	0.1727317E+00 /	12	-.2200E+01	0.1727317E+00 /	11	-.2000E+01	0.1727317E+00 /	10	-.1800E+01	0.1727317E+00 /
10	-.1800E+01	0.1727317E+00 /	9	-.1600E+01	0.1727317E+00 /	8	-.1400E+01	0.1727317E+00 /	7	-.1200E+01	0.1727317E+00 /
7	-.1200E+01	0.1727317E+00 /	6	-.1000E+01	0.1727317E+00 /	5	-.8000E+00	0.1727317E+00 /	4	-.6000E+00	0.1727317E+00 /
4	-.6000E+00	0.1727317E+00 /	3	-.4000E+00	0.1727317E+00 /	2	-.2000E+00	0.1727317E+00 /	1	0.0000E+00	0.8636583E-01 /

OVERALL APPLIED Y FORCE FOR CURRENT DISTRIBUTED LOAD 2.6334

NO. OF DISTRIBUTED LOAD CARDS 2

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L O A D B A L A N C E

STEP	1	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	1	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	0.0000000
STEP	2	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000
STEP	3	TOTAL APPLIED LOAD IN DIR.	2	Y-DISPL.F	7.2431500
STEP	3	TOTAL APPLIED LOAD IN DIR.	4	X-ROT. F	0.0000000

LOAD INPUT SECTION COMPLETED



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NO. OF LAYERS ..... 3  
NO. OF DATA PER LAYER..... 100

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LAYER DESCRIPTORS FOR STEP NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 1

ITEM NO.	1	NAME	10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	23.000	WALL NO.	2
ITEM NO.	10	U-KA	0.44900	WALL NO.	1
ITEM NO.	11	U-KP	2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	23.000	WALL NO.	2
ITEM NO.	60	D-KA	0.44900	WALL NO.	1
ITEM NO.	61	D-KP	2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 1

ITEM NO.	1	NAME	11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	37.000	WALL NO.	2
ITEM NO.	10	U-KA	0.26700	WALL NO.	1
ITEM NO.	11	U-KP	4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	37.000	WALL NO.	2
ITEM NO.	60	D-KA	0.26700	WALL NO.	1
ITEM NO.	61	D-KP	4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 1

ITEM NO.	1	NAME	12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	-5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	16.000	WALL NO.	1
ITEM NO.	8	U-COHE	20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	37.000	WALL NO.	2

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ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 2

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 60000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.15000E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 2

ITEM NO.	1	NAME	&gt;= 12.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	

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ITEM NO.	3	LEVEL	&gt;= -5.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 21.400	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 12.200	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 75000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 0.18800E+06	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 16.000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 20.000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-04	(BOTH WALLS)	

LAYER DESCRIPTORS FOR STEP NO. 3

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 1 FOR STEP NO. 3

ITEM NO.	1	NAME	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= 4.0000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 16.800	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 8.3000	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.50000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	17	EVC	&gt;= 20000.	(BOTH WALLS)	
ITEM NO.	18	EUR	&gt;= 32000.	(BOTH WALLS)	
ITEM NO.	27	U-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	45	U-KAED	&gt;= 0.50600	WALL NO.	1
ITEM NO.	46	U-KAEW	&gt;= 0.57800	WALL NO.	1
ITEM NO.	47	U-KPED	&gt;= 2.2830	WALL NO.	1
ITEM NO.	48	U-KPEW	&gt;= 2.1170	WALL NO.	1
ITEM NO.	52	D-NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	53	D-LEVEL	&gt;= 0.0000	(BOTH WALLS)	
ITEM NO.	58	D-COHE	&gt;= 4.0000	WALL NO.	1
ITEM NO.	58	D-COHE	&gt;= 5.0000	WALL NO.	2
ITEM NO.	59	D-FRICT	&gt;= 18.760	WALL NO.	1
ITEM NO.	59	D-FRICT	&gt;= 23.000	WALL NO.	2
ITEM NO.	60	D-KA	&gt;= 0.44900	WALL NO.	1
ITEM NO.	61	D-KP	&gt;= 2.4150	WALL NO.	1
ITEM NO.	77	D-PERM	&gt;= 0.10000E-03	(BOTH WALLS)	
ITEM NO.	95	D-KAED	&gt;= 0.50600	WALL NO.	1
ITEM NO.	96	D-KAEW	&gt;= 0.57800	WALL NO.	1
ITEM NO.	97	D-KPED	&gt;= 2.2830	WALL NO.	1
ITEM NO.	98	D-KPEW	&gt;= 2.1170	WALL NO.	1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 2 FOR STEP NO. 3

ITEM NO.	1	NAME	&gt;= 11.000	(BOTH WALLS)	
ITEM NO.	2	NATURE	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	3	LEVEL	&gt;= -1.5000	(BOTH WALLS)	
ITEM NO.	4	WALL	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	5	GAMMAD	&gt;= 20.900	(BOTH WALLS)	
ITEM NO.	6	GAMMAB	&gt;= 11.800	(BOTH WALLS)	
ITEM NO.	7	GAMMAW	&gt;= 10.000	(BOTH WALLS)	
ITEM NO.	8	U-COHE	&gt;= 8.0000	WALL NO.	1
ITEM NO.	8	U-COHE	&gt;= 10.000	WALL NO.	2
ITEM NO.	9	U-FRICT	&gt;= 31.080	WALL NO.	1
ITEM NO.	9	U-FRICT	&gt;= 37.000	WALL NO.	2
ITEM NO.	10	U-KA	&gt;= 0.26700	WALL NO.	1
ITEM NO.	11	U-KP	&gt;= 4.9570	WALL NO.	1
ITEM NO.	12	K0-NC	&gt;= 0.76000	(BOTH WALLS)	
ITEM NO.	13	NEXP	&gt;= 2.0000	(BOTH WALLS)	
ITEM NO.	14	OCR	&gt;= 1.0000	(BOTH WALLS)	
ITEM NO.	16	MODEL	&gt;= 1.0000	(BOTH WALLS)	

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ITEM NO. 17&lt;EVC &gt;= 60000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.15000E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.30800 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.34400 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 4.7490 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 4.5660 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 8.0000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 10.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.30800 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.34400 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 4.7490 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 4.5660 WALL NO. 1

NON ZERO LAYER DESCRIPTORS FOR LAYER NO. 3 FOR STEP NO. 3

ITEM NO. 1&lt;NAME &gt;= 12.000 (BOTH WALLS)  
 ITEM NO. 2&lt;NATURE &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 3&lt;LEVEL &gt;= -5.0000 (BOTH WALLS)  
 ITEM NO. 4&lt;WALL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 5&lt;GAMMAD &gt;= 21.400 (BOTH WALLS)  
 ITEM NO. 6&lt;GAMMAB &gt;= 12.200 (BOTH WALLS)  
 ITEM NO. 7&lt;GAMMAW &gt;= 10.000 (BOTH WALLS)  
 ITEM NO. 8&lt;U-COHE &gt;= 16.000 WALL NO. 1  
 ITEM NO. 8&lt;U-COHE &gt;= 20.000 WALL NO. 2  
 ITEM NO. 9&lt;U-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 9&lt;U-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 10&lt;U-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 11&lt;U-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 12&lt;K0-NC &gt;= 0.76000 (BOTH WALLS)  
 ITEM NO. 13&lt;NEXP &gt;= 2.0000 (BOTH WALLS)  
 ITEM NO. 14&lt;OCR &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 16&lt;MODEL &gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 17&lt;EVC &gt;= 75000. (BOTH WALLS)  
 ITEM NO. 18&lt;EUR &gt;= 0.18800E+06 (BOTH WALLS)  
 ITEM NO. 27&lt;U-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 45&lt;U-KAED &gt;= 0.30800 WALL NO. 1  
 ITEM NO. 46&lt;U-KAEW &gt;= 0.34300 WALL NO. 1  
 ITEM NO. 47&lt;U-KPED &gt;= 4.7490 WALL NO. 1  
 ITEM NO. 48&lt;U-KPEW &gt;= 4.5700 WALL NO. 1  
 ITEM NO. 52&lt;D-NATURE&gt;= 1.0000 (BOTH WALLS)  
 ITEM NO. 53&lt;D-LEVEL &gt;= 0.0000 (BOTH WALLS)  
 ITEM NO. 58&lt;D-COHE &gt;= 16.000 WALL NO. 1  
 ITEM NO. 58&lt;D-COHE &gt;= 20.000 WALL NO. 2  
 ITEM NO. 59&lt;D-FRICT &gt;= 31.080 WALL NO. 1  
 ITEM NO. 59&lt;D-FRICT &gt;= 37.000 WALL NO. 2  
 ITEM NO. 60&lt;D-KA &gt;= 0.26700 WALL NO. 1  
 ITEM NO. 61&lt;D-KP &gt;= 4.9570 WALL NO. 1  
 ITEM NO. 77&lt;D-PERM &gt;= 0.10000E-04 (BOTH WALLS)  
 ITEM NO. 95&lt;D-KAED &gt;= 0.30800 WALL NO. 1  
 ITEM NO. 96&lt;D-KAEW &gt;= 0.34300 WALL NO. 1  
 ITEM NO. 97&lt;D-KPED &gt;= 4.7490 WALL NO. 1  
 ITEM NO. 98&lt;D-KPEW &gt;= 4.5700 WALL NO. 1

DEFAULT WATER UNIT WEIGHT = 10.000  
 AVERAGED ON 9 VALUES



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PHASE DESCRIPTORS

STEP NO.	1	LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		0.000	0.000
Z-WATER_TABLE		-0.5000	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 1

STEP NO.	2	LEFT WALL	RIGHT WALL
Y		0.000	-0.9990E+30
Z-PC		0.000	0.000
Z-EXCAVATION		-3.100	0.000
Z-WATER_TABLE		-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL		0.000	0.000
ZQ		0.000	0.000
DZW_OF_THE_WATER_TABLE		0.000	0.000
QS_ON_THE_EXCAVATION_SIDE		0.000	0.000
ZQS		-0.9990E+30	-0.9990E+30
ZCUT		0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES		-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)		0.000	0.000
PORE_UPDATE_FLAG		0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)		0.000	0.000
lateral thrusts reduction elevatio		0.000	0.000
Downhill reduction factor for effe		0.000	0.000
Downhill reduction factor for pore		0.000	0.000
Uphill reduction factor for effect		0.000	0.000
Uphill reduction factor for pore p		0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]		0.000	0.000
UPHILL VERTICAL ACCEL. Kv_uh [g]		0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]		0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
UPHILL DELTA/PHI RATIO		0.000	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]		0.000	0.000
DOWNHILL DELTA/PHI RATIO		0.000	0.000
DYN.WATER BEHAVIOUR		0.000	0.000
Excess pore pressure RATIO Ru		0.000	0.000
SEISMIC PRESSURE LOWER VALUE		0.000	0.000
SEISMIC PRESSURE UPPER VALUE		0.000	0.000
SEISMIC PRESSURE LOWER LEVEL		0.000	0.000
SEISMIC PRESSURE UPPER LEVEL		0.000	0.000

=====end of step 2

STEP NO. 3

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	LEFT WALL	RIGHT WALL
Y	0.000	-0.9990E+30
Z-PC	0.000	0.000
Z-EXCAVATION	-3.100	0.000
Z-WATER_TABLE	-12.40	-0.9990E+30
Q_AT_THE_FREE_FIELD_LEVEL	0.000	0.000
ZQ	0.000	0.000
DZW_OF_THE_WATER_TABLE	0.000	0.000
QS_ON_THE_EXCAVATION_SIDE	0.000	0.000
ZQS	-0.9990E+30	-0.9990E+30
ZCUT	0.000	0.000
BALANCE LEVEL FOR PORE PRESSURES	-8.000	-8.000
WATER_BEHAVIOUR_FLAG (LINING OPT)	0.000	0.000
PORE_UPDATE_FLAG	0.000	0.000
PORE_TAB._FLAG (gt.0= use tabs)	0.000	0.000
lateral thrusts reduction elevatio	0.000	0.000
Downhill reduction factor for effe	0.000	0.000
Downhill reduction factor for pore	0.000	0.000
Uphill reduction factor for effect	0.000	0.000
Uphill reduction factor for pore p	0.000	0.000
SEISMIC HORIZONTAL ACCEL. Kh [g]	-0.6760E-01	0.000
	MANUAL	
UPHILL VERTICAL ACCEL. Kv_uh [g]	0.000	0.000
DOWNHILL VERTICAL ACCEL.Kv_dh [g]	0.000	0.000
UPHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
UPHILL DELTA/PHI RATIO	0.6600	0.000
DOWNHILL BETA ANGLE (SLOPE) [deg]	0.000	0.000
DOWNHILL DELTA/PHI RATIO	0.6600	0.000
DYN.WATER BEHAVIOUR	1.000	0.000
Excess pore pressure RATIO Ru	0.000	0.000
SEISMIC PRESSURE LOWER VALUE	0.000	0.000
SEISMIC PRESSURE UPPER VALUE	0.000	0.000
SEISMIC PRESSURE LOWER LEVEL	0.000	0.000
SEISMIC PRESSURE UPPER LEVEL	0.000	0.000

=====end of step 3

LEFT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

RIGHT-HAND WALL

LOWER LEVEL -8.00000  
UPPER LEVEL 0.00000

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time :13 June 2018 14:09:50

INITIAL STRESS TABLES

SECTION

NUMBER OF DEFINED TABLES 1

INPUT DATA FOR INITIAL STRESS SET NO. 1  
PERTAINING SOIL ELEMENTS AT Y-COORD 0.0000

ACTIVATION TIME 1.0000  
END TIME (TIME BEYOND WHICH IT IS REMOVED) 3.0000

TYPE BOUSSINESQ

HORIZONTAL DISTANCE (DY) 5.000000000000000  
FOUNDATION WIDTH (B) 25.000000000000000  
ZETA-F..... 0.000000000000000E+000  
Q-F ..... 20.000000000000000  
BETA ..... 45.000000000000000  
BEHAVIOUR (0=FREE, 1=REFLECTING) 0.000000000000000E+000

ELEMENT GROUPS BACKUP AREA CAN STAY IN CORE AT  
POSITION 2879

NO. OF D.P.W FOR THIS AREA 4848  
MAX NO. OF D.P.W. AVAILABLE 81920  
\*\* MAX NO OF ITERATIONS SET TO 40

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.8835E-28 REMNOR= 0.000 RATIO =0.6042E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.6042E-16 RATIOR= 0.000  
MAX UN=0.3553E-14 IEQ= 53 NODE 27 DOF 1 Y-DISPL.F  
MIN UN=-.7105E-14 IEQ= 57 NODE 29 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 1 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.4363E-29 REMNOR=0.8820E-54 RATIO =0.1343E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.1343E-16 RATIOR= 0.000  
MAX UN=0.1010E-16 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.6824E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.2421E+05 RIMNOR= 0.000  
RENORM=0.4367E-29 REMNOR=0.3237E-53 RATIO =0.1343E-16 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 29.83 RMMAX = 0.000  
RTSMAL=0.1000E-03 RMSMAL= 0.000  
RDT =0.2421E+05 RDR = 0.000  
RATIOT=0.1343E-16 RATIOR= 0.000  
MAX UN=0.3986E-17 IEQ= 1 NODE 1 DOF 1 Y-DISPL.F  
MIN UN=-.6329E-15 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0



GENERAL CONTRACTOR



ALTA SORVEGLIANZA



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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865

Exe Time :13 June 2018 14:09:50

New Project

SOLUTION REACHED USING 2 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 1 ( AT TIME 1.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

Y-DISPL.F X-ROT. F  
(02) (04) (

ALL NODAL POINTS HAVE ZERO DISPLACEMENT COMPONENTS



GENERAL CONTRACTOR

Cepav due



ALTA SORVEGLIANZA



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33 D	24.46	2.3201E-20	77.73 63.29 77.73	63.29	V-C 1.2448E+05 -6.400 59.00 1.000 1.000
122.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	25.23	2.4269E-20	80.30 65.14 80.30	65.14	V-C 1.2448E+05 -6.600 61.00 1.000 1.000
126.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	26.00	2.5418E-20	83.06 66.98 83.06	66.98	V-C 1.2448E+05 -6.800 63.00 1.000 1.000
130.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	26.76	2.6652E-20	85.45 68.82 85.45	68.82	V-C 1.2448E+05 -7.000 65.00 1.000 1.000
133.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	27.53	2.7966E-20	88.19 70.65 88.19	70.65	V-C 1.2448E+05 -7.200 67.00 1.000 1.000
137.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	28.30	2.9350E-20	90.92 72.48 90.92	72.48	V-C 1.2448E+05 -7.400 69.00 1.000 1.000
141.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	29.06	3.0786E-20	93.63 74.31 93.63	74.31	V-C 1.2448E+05 -7.600 71.00 1.000 1.000
145.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	29.83	3.2250E-20	96.33 76.14 96.33	76.14	V-C 1.2448E+05 -7.800 73.00 1.000 1.000
149.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.30	3.3716E-20	98.72 77.96 98.72	77.96	V-C 1.2448E+05 -8.000 75.00 1.000 1.000
153.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		



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Doc. N.	Progetto INOR	Lotto 11	Codifica Documento E E2 CL GA 160 1 002	Rev. A	Foglio 2637 di 2653
33 D	24.46	-2.3201E-20	75.08 63.29 75.08	63.29	V-C 7.9432E+04 -6.400 59.00 1.000 1.000
122.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	25.23	-2.4269E-20	77.52 65.14 77.52	65.14	V-C 7.9432E+04 -6.600 61.00 1.000 1.000
126.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	26.00	-2.5418E-20	79.96 66.98 79.96	66.98	V-C 7.9432E+04 -6.800 63.00 1.000 1.000
130.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	26.76	-2.6652E-20	82.40 68.82 82.40	68.82	V-C 7.9432E+04 -7.000 65.00 1.000 1.000
133.8	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	27.53	-2.7966E-20	84.84 70.65 84.84	70.65	V-C 7.9432E+04 -7.200 67.00 1.000 1.000
137.7	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	28.30	-2.9350E-20	87.28 72.48 87.28	72.48	V-C 7.9432E+04 -7.400 69.00 1.000 1.000
141.5	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	29.06	-3.0786E-20	89.72 74.31 89.72	74.31	V-C 7.9432E+04 -7.600 71.00 1.000 1.000
145.3	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	29.83	-3.2250E-20	92.16 76.14 92.16	76.14	V-C 7.9432E+04 -7.800 73.00 1.000 1.000
149.1	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	15.30	-3.3716E-20	94.60 77.96 94.60	77.96	V-C 7.9432E+04 -8.000 75.00 1.000 1.000
153.0	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time :13 June 2018 14:09:50

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 1.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1-3.98583E-18	3.98583E-18	1.89327E-29	7.97167E-19	
2-7.83692E-18	7.83692E-18	2.36455E-18	3.87816E-18	
3-7.56804E-18	7.56804E-18	2.36455E-18	3.87816E-18	
4-3.18110E-18	3.18110E-18	3.87816E-18	4.51438E-18	
5 5.31995E-18	5.31995E-18	4.51438E-18	3.45039E-18	
6 1.79286E-17	1.79286E-17	3.45039E-18	1.35323E-19	
7 3.46351E-17	3.46351E-17	1.35323E-19	7.06235E-18	
8 5.54265E-17	5.54265E-17	7.06235E-18	1.81477E-17	
9 1.31888E-16	1.31888E-16	1.81477E-17	4.45252E-17	
10 2.20799E-16	2.20799E-16	4.45252E-17	8.86850E-17	
11 3.22085E-16	3.22085E-16	8.86850E-17	1.53102E-16	
12 4.35663E-16	4.35663E-16	1.53102E-16	2.40235E-16	
13 5.61444E-16	5.61444E-16	2.40235E-16	3.52523E-16	
14 6.99336E-16	6.99336E-16	3.52523E-16	4.92391E-16	
15 8.49250E-16	8.49250E-16	4.92391E-16	6.62241E-16	
16 1.01111E-15	1.01111E-15	6.62241E-16	8.64464E-16	
17 1.18485E-15	1.18485E-15	8.64464E-16	1.10143E-15	
18-2.18226E-15	2.18226E-15	1.10143E-15	6.64981E-16	
19-1.98482E-15	1.98482E-15	6.64981E-16	2.68018E-16	
20-1.77548E-15	1.77548E-15	2.68018E-16	8.70768E-17	
21-1.55417E-15	1.55417E-15	8.70768E-17	3.97910E-16	
22-1.32073E-15	1.32073E-15	3.97910E-16	6.62056E-16	
23-1.07499E-15	1.07499E-15	6.62056E-16	8.77053E-16	
24-8.16691E-16	8.16691E-16	8.77053E-16	1.04039E-15	
25-5.45555E-16	5.45555E-16	1.04039E-15	1.14950E-15	
26-1.90171E-16	1.90171E-16	1.14950E-15	1.18754E-15	
27 3.73485E-15	3.73485E-15	1.18754E-15	4.40566E-16	
28 4.12457E-15	4.12457E-15	4.40566E-16	3.84349E-16	
29-2.57321E-15	2.57321E-15	3.84349E-16	1.30293E-16	
30-2.14712E-15	2.14712E-15	1.30293E-16	5.59716E-16	
31-1.70207E-15	1.70207E-15	5.59716E-16	9.00129E-16	
32-1.23756E-15	1.23756E-15	9.00129E-16	1.14764E-15	
33-7.53123E-16	7.53123E-16	1.14764E-15	1.29827E-15	
34-2.48314E-16	2.48314E-16	1.29827E-15	1.34793E-15	
35 2.77250E-16	2.77250E-16	1.34793E-15	1.29248E-15	
36 8.23894E-16	8.23894E-16	1.29248E-15	1.12770E-15	
37 1.39188E-15	1.39188E-15	1.12770E-15	8.49325E-16	
38 1.98139E-15	1.98139E-15	8.49325E-16	4.53048E-16	
39 2.59255E-15	2.59255E-15	4.53048E-16	6.54610E-17	
40-3.27300E-16	3.27300E-16	6.54610E-17	1.26218E-29	

ITER 0 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1411E+05 RIMNOR=0.3747E-28  
RENORM= 1377. REMNOR=0.3237E-53 RATIO =0.3124 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 25.28 RMMAX =0.1348E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1411E+05 RDR =0.1000E-19  
RATIOT=0.3124 RATOR= 0.000  
MAX UN= 9.592 IEQ= 31 NODE 16 DOF 1 Y-DISPL.F  
MIN UN=-8.831 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1411E+05 RIMNOR=0.3747E-28  
RENORM=0.4501 REMNOR=0.7371E-21 RATIO =0.5648E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 25.28 RMMAX =0.1348E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1411E+05 RDR =0.1000E-19  
RATIOT=0.5648E-02 RATOR= 0.000  
MAX UN=0.6446 IEQ= 3 NODE 2 DOF 1 Y-DISPL.F  
MIN UN=-.7961E-10 IEQ= 73 NODE 37 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1411E+05 RIMNOR=0.3747E-28  
RENORM=0.7914E-03 REMNOR=0.1343E-21 RATIO =0.2368E-03 TOLER =0.1000E-03 NOT CONVERGED

GENERAL CONTRACTOR



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RFMAX = 25.28 RMMAX =0.1348E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1411E+05 RDR =0.1000E-19  
RATIOT=0.2368E-03 RATIO= 0.000  
MAX UN=0.9240E-02 IEQ= 79 NODE 40 DOF 1 Y-DISPL.F  
MIN UN=-.8151E-10 IEQ= 5 NODE 3 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 0.000 RMNORM= 0.000  
RINORM=0.1411E+05 RIMNOR=0.3747E-28  
RENORM=0.2285E-06 REMNOR=0.1482E-21 RATIO =0.4024E-05 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 25.28 RMMAX =0.1348E-14  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-19  
RDT =0.1411E+05 RDR =0.1000E-19  
RATIOT=0.4024E-05 RATIO= 0.000  
MAX UN=0.2779E-03 IEQ= 49 NODE 25 DOF 1 Y-DISPL.F  
MIN UN=-.6296E-10 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

GENERAL CONTRACTOR

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time :13 June 2018 14:09:50

New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 2 ( AT TIME 2.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	5.3682270E-04	-1.0624546E-04	
2	5.1557361E-04	-1.0624546E-04	
3	4.9432451E-04	-1.0624546E-04	
4	4.7307542E-04	-1.0624546E-04	
5	4.5182683E-04	-1.0623796E-04	
6	4.3058271E-04	-1.0619332E-04	
7	4.0935589E-04	-1.0605273E-04	
8	3.8817387E-04	-1.0572834E-04	
9	3.6708459E-04	-1.0510350E-04	
10	3.4615700E-04	-1.0411082E-04	
11	3.2546708E-04	-1.0271590E-04	
12	3.0510382E-04	-1.0082330E-04	
13	2.8518134E-04	-9.8277029E-05	
14	2.6585098E-04	-9.4861108E-05	
15	2.4731322E-04	-9.0300268E-05	
16	2.2982945E-04	-8.4260765E-05	
17	2.1373350E-04	-7.6351340E-05	
18	1.9942394E-04	-6.6415294E-05	
19	1.8728848E-04	-5.4662743E-05	
20	1.7765200E-04	-4.1512920E-05	
21	1.7073446E-04	-2.7596318E-05	
22	1.6662274E-04	-1.3541181E-05	
23	1.6529751E-04	2.0679818E-07	
24	1.6666392E-04	1.3331606E-05	
25	1.7057407E-04	2.5615110E-05	
26	1.7684449E-04	3.6916504E-05	
27	1.8526845E-04	4.7135201E-05	
28	1.9562159E-04	5.6199788E-05	
29	2.0766950E-04	6.4081358E-05	
30	2.2117572E-04	7.0786813E-05	
31	2.3590829E-04	7.6353284E-05	
32	2.5164522E-04	8.0843659E-05	
33	2.6817961E-04	8.4343056E-05	
34	2.8532333E-04	8.6955774E-05	
35	3.0291089E-04	8.8803040E-05	
36	3.2080260E-04	9.0021108E-05	
37	3.3888721E-04	9.0758712E-05	
38	3.5708346E-04	9.1158439E-05	
39	3.7533602E-04	9.1339700E-05	
40	3.9361119E-04	9.1398644E-05	
41	4.1189245E-04	9.1408099E-05	









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33 D	14.64	2.6818E-04	69.67	73.19	75.08	73.24	UL-RL	5.1383E+04	-6.400	0.000	1.000	1.000
73.19	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	14.76	2.8532E-04	73.95	73.80	77.52	73.85	UL-RL	5.1383E+04	-6.600	0.000	1.000	1.000
73.80	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	14.90	3.0291E-04	78.23	74.50	79.96	74.55	UL-RL	5.1383E+04	-6.800	0.000	1.000	1.000
74.50	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	15.09	3.2080E-04	82.51	75.44	82.51	75.50	UL-RL	5.1383E+04	-7.000	0.000	1.000	1.000
75.44	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	15.81	3.3889E-04	86.79	79.05	86.79	79.10	UL-RL	5.1383E+04	-7.200	0.000	1.000	1.000
79.05	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	16.53	3.5708E-04	91.07	82.65	91.07	82.71	UL-RL	5.1383E+04	-7.400	0.000	1.000	1.000
82.65	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	17.25	3.7534E-04	95.35	86.25	95.35	86.31	UL-RL	5.1383E+04	-7.600	0.000	1.000	1.000
86.25	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	17.97	3.9361E-04	99.63	89.85	99.63	89.90	UL-RL	5.1383E+04	-7.800	0.000	1.000	1.000
89.85	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.344	4.1189E-04	103.9	93.44	103.9	93.50	UL-RL	5.1383E+04	-8.000	0.000	1.000	1.000
93.44	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									

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PARATIEPLUS(TM) NLS ENGINE RELEASE 2018.0 FULL VERSION \*Build date:Nov 13, 2017\*

NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
Exe Time :13 June 2018 14:09:50

New Project

STRESS RESULTS FOR GROUP NO. 3

WallElement\_33 :

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 2.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	-4.30771E-13	4.30771E-13	-3.85803E-14	9.69635E-12
2	-1.96696E-11	1.96696E-11	-1.16926E-11	-5.00699E-12
3	-1.66143E-11	1.66143E-11	1.33843E-12	-1.41044E-11
4	0.23737	-0.23737	9.62275E-12	4.74738E-02
5	0.93766	-0.93766	-4.74738E-02	0.23501
6	2.0985	-2.0985	-0.23501	0.65470
7	3.7169	-3.7169	-0.65470	1.3981
8	5.7895	-5.7895	-1.3981	2.5560
9	5.8491	-5.8491	-2.5560	3.7258
10	6.8779	-6.8779	-3.7258	5.1014
11	8.8689	-8.8689	-5.1014	6.8751
12	11.814	-11.814	-6.8751	9.2379
13	15.702	-15.702	-9.2379	12.378
14	20.523	-20.523	-12.378	16.483
15	26.262	-26.262	-16.483	21.735
16	32.901	-32.901	-21.735	28.316
17	31.223	-31.223	-28.316	34.560
18	26.252	-26.252	-34.560	39.811
19	17.958	-17.958	-39.811	43.402
20	6.3053	-6.3053	-43.402	44.663
21	-1.9241	1.9241	-44.663	44.279
22	-7.7945	7.7945	-44.279	42.720
23	-11.923	11.923	-42.720	40.335
24	-14.696	14.696	-40.335	37.396
25	-16.378	16.378	-37.396	34.120
26	-17.877	17.877	-34.120	30.545
27	-18.641	18.641	-30.545	26.817
28	-18.790	18.790	-26.817	23.059
29	-18.422	18.422	-23.059	19.374
30	-17.615	17.615	-19.374	15.851
31	-16.432	16.432	-15.851	12.565
32	-14.924	14.924	-12.565	9.5799
33	-13.131	13.131	-9.5799	6.9536
34	-11.088	11.088	-6.9536	4.7360
35	-8.8201	8.8201	-4.7360	2.9720
36	-6.3819	6.3819	-2.9720	1.6956
37	-4.3089	4.3089	-1.6956	0.83386
38	-2.6034	2.6034	-0.83386	0.31317
39	-1.2667	1.2667	-0.31317	5.98298E-02
40	-0.29914	0.29914	-5.98298E-02	8.71525E-13

ITER 0 RNORM = 3.342 RMNORM= 0.000  
RINORM=0.2749E+05 RIMNOR=0.3931E+05  
RENORM= 4.489 REMNOR=0.1482E-21 RATIO =0.1278E-01 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 32.90 RMMAX = 44.66  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.2749E+05 RDR =0.3931E+05  
RATIOT=0.1278E-01 RATIO= 0.000  
MAX UN=0.7597 IEQ= 39 NODE 20 DOF 1 Y-DISPL.F  
MIN UN=-.6296E-10 IEQ= 77 NODE 39 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 2 RNORM = 3.342 RMNORM= 0.000  
RINORM=0.2749E+05 RIMNOR=0.3931E+05  
RENORM=0.8644 REMNOR=0.3330E-21 RATIO =0.5608E-02 TOLER =0.1000E-03 NOT CONVERGED  
RFMAX = 32.90 RMMAX = 44.66  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.2749E+05 RDR =0.3931E+05  
RATIOT=0.5608E-02 RATIO= 0.000  
MAX UN=0.8669 IEQ= 17 NODE 9 DOF 1 Y-DISPL.F  
MIN UN=-.9263E-04 IEQ= 1 NODE 1 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 3 RNORM = 3.342 RMNORM= 0.000  
RINORM=0.2749E+05 RIMNOR=0.3931E+05  
RENORM=0.5932E-02 REMNOR=0.3548E-21 RATIO =0.4646E-03 TOLER =0.1000E-03 NOT CONVERGED

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RFMAX = 32.90 RMMAX = 44.66  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.2749E+05 RDR =0.3931E+05  
RATIOT=0.4646E-03 RATIO= 0.000  
MAX UN=0.7040E-01 IEQ= 19 NODE 10 DOF 1 Y-DISPL.F  
MIN UN=-.1608E-09 IEQ= 13 NODE 7 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

ITER 4 RNORM = 3.342 RMNORM= 0.000  
RINORM=0.2749E+05 RIMNOR=0.3931E+05  
RENORM=0.6381E-19 REMNOR=0.1257E-21 RATIO =0.1524E-11 TOLER =0.1000E-03 CONVERGED !  
RFMAX = 32.90 RMMAX = 44.66  
RTSMAL=0.1000E-03 RMSMAL=0.1000E-03  
RDT =0.2749E+05 RDR =0.3931E+05  
RATIOT=0.1524E-11 RATIO= 0.000  
MAX UN=0.9103E-10 IEQ= 11 NODE 6 DOF 1 Y-DISPL.F  
MIN UN=-.1089E-09 IEQ= 9 NODE 5 DOF 1 Y-DISPL.F  
NO. OF CONTACT CONSTRAINT VIOLATIONS 0

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NewProject.BaseDesignSection\_28.SISMICAGEO\_3865  
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New Project  
SOLUTION REACHED USING 4 ITERATIONS ON 40

PRINT OUT FOR TIME STEP 3 ( AT TIME 3.000 )

PRINT OUT OF ACTIVE COMPONENTS (FIXED NODES ARE NOT PRINTED OUT)

	Y-DISPL.F (02)	X-ROT. F (04)	(
1	6.8492173E-04	-1.4262326E-04	
2	6.5639758E-04	-1.4261576E-04	
3	6.2787743E-04	-1.4257822E-04	
4	5.9937029E-04	-1.4248062E-04	
5	5.7089119E-04	-1.4229293E-04	
6	5.4246206E-04	-1.4197112E-04	
7	5.1411655E-04	-1.4144210E-04	
8	4.8590590E-04	-1.4060282E-04	
9	4.5790496E-04	-1.3932042E-04	
10	4.3021320E-04	-1.3750603E-04	
11	4.0294010E-04	-1.3512849E-04	
12	3.7620353E-04	-1.3212515E-04	
13	3.5014013E-04	-1.2837034E-04	
14	3.2491821E-04	-1.2367331E-04	
15	3.0075062E-04	-1.1777911E-04	
16	2.7790758E-04	-1.1036967E-04	
17	2.5672875E-04	-1.0106873E-04	
18	2.3761531E-04	-8.9737871E-05	
19	2.2095409E-04	-7.6599629E-05	
20	2.0706815E-04	-6.2070886E-05	
21	1.9617758E-04	-4.6765238E-05	
22	1.8837197E-04	-3.1311819E-05	
23	1.8363139E-04	-1.6180387E-05	
24	1.8185592E-04	-1.7073889E-06	
25	1.8288886E-04	1.1871953E-05	
26	1.8653480E-04	2.4402818E-05	
27	1.9257252E-04	3.5772123E-05	
28	2.0076069E-04	4.5897506E-05	
29	2.1084612E-04	5.4741931E-05	
30	2.2257216E-04	6.2306756E-05	
31	2.3568578E-04	6.8625968E-05	
32	2.4994357E-04	7.3761649E-05	
33	2.6511725E-04	7.7800528E-05	
34	2.8099788E-04	8.0850873E-05	
35	2.9740019E-04	8.3040070E-05	
36	3.1416613E-04	8.4512574E-05	
37	3.3116795E-04	8.5427248E-05	
38	3.4831006E-04	8.5938649E-05	
39	3.6552540E-04	8.6179940E-05	
40	3.8277147E-04	8.6262763E-05	
41	4.0002620E-04	8.6277165E-05	





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GRUPPO FERROVIE DELLO STATO ITALIANE

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33 D	16.48	-2.6512E-04	131.0	82.40	131.0	103.7	UL-RL	8.0524E+04	-6.400	0.000	1.000	1.000
82.40	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
34 D	16.87	-2.8100E-04	135.4	84.36	135.4	107.0	UL-RL	8.0524E+04	-6.600	0.000	1.000	1.000
84.36	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
35 D	17.26	-2.9740E-04	140.0	86.28	140.0	110.2	UL-RL	8.0524E+04	-6.800	0.000	1.000	1.000
86.28	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
36 D	17.63	-3.1417E-04	144.2	88.17	144.2	113.5	UL-RL	8.0524E+04	-7.000	0.000	1.000	1.000
88.17	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
37 D	18.01	-3.3117E-04	148.8	90.03	148.8	116.7	UL-RL	8.0524E+04	-7.200	0.000	1.000	1.000
90.03	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
38 D	18.38	-3.4831E-04	153.3	91.88	153.3	119.9	UL-RL	8.0524E+04	-7.400	0.000	1.000	1.000
91.88	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
39 D	18.74	-3.6553E-04	157.9	93.72	157.9	123.2	UL-RL	8.0524E+04	-7.600	0.000	1.000	1.000
93.72	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
40 D	19.11	-3.8277E-04	162.4	95.56	162.4	126.4	UL-RL	8.0524E+04	-7.800	0.000	1.000	1.000
95.56	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									
41 D	9.739	-4.0003E-04	166.7	97.39	166.7	129.6	UL-RL	8.0524E+04	-8.000	0.000	1.000	1.000
97.39	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_									



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33 D	14.61	2.6512E-04	69.67 73.03 75.08	73.24	UL-RL 5.1383E+04 -6.400 0.000 1.000 1.000
73.03	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
34 D	14.72	2.8100E-04	73.95 73.58 77.52	73.85	UL-RL 5.1383E+04 -6.600 0.000 1.000 1.000
73.58	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
35 D	14.84	2.9740E-04	78.23 74.22 79.96	74.55	UL-RL 5.1383E+04 -6.800 0.000 1.000 1.000
74.22	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
36 D	15.02	3.1417E-04	82.51 75.10 82.51	75.50	UL-RL 5.1383E+04 -7.000 0.000 1.000 1.000
75.10	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
37 D	15.73	3.3117E-04	86.79 78.65 86.79	79.10	UL-RL 5.1383E+04 -7.200 0.000 1.000 1.000
78.65	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
38 D	16.44	3.4831E-04	91.07 82.20 91.07	82.71	UL-RL 5.1383E+04 -7.400 0.000 1.000 1.000
82.20	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
39 D	17.15	3.6553E-04	95.35 85.74 95.35	86.31	UL-RL 5.1383E+04 -7.600 0.000 1.000 1.000
85.74	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
40 D	17.86	3.8277E-04	99.63 89.29 99.63	89.90	UL-RL 5.1383E+04 -7.800 0.000 1.000 1.000
89.29	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		
41 D	9.283	4.0003E-04	103.9 92.83 103.9	93.50	UL-RL 5.1383E+04 -8.000 0.000 1.000 1.000
92.83	0.000	0.000	Sabbialimosoghiaiosa2_235_220_L_		

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STRESS RESULTS FOR GROUP NO. 3

WallElement\_33

ELEMENT TYPE 2 NO.OF ELEMENTS. IN THIS GROUP 40  
CURRENT TIME IS 3.0000

WALL2D ELEMENT

EL	TA	TB	MA	MB
1	0.23754	-0.23754	-2.91095E-12	4.75088E-02
2	0.71263	-0.71263	-4.75088E-02	0.19004
3	1.1877	-1.1877	-0.19004	0.42758
4	1.6628	-1.6628	-0.42758	0.76014
5	2.5809	-2.5809	-0.76014	1.2763
6	3.9750	-3.9750	-1.2763	2.0713
7	5.8421	-5.8421	-2.0713	3.2397
8	8.1785	-8.1785	-3.2397	4.8754
9	8.6536	-8.6536	-4.8754	6.6062
10	9.1648	-9.1648	-6.6062	8.4391
11	10.635	-10.635	-8.4391	10.566
12	13.142	-13.142	-10.566	13.195
13	16.671	-16.671	-13.195	16.529
14	21.208	-21.208	-16.529	20.770
15	26.735	-26.735	-20.770	26.117
16	33.111	-33.111	-26.117	32.739
17	31.118	-31.118	-32.739	38.963
18	26.068	-26.068	-38.963	44.177
19	17.928	-17.928	-44.177	47.762
20	6.6565	-6.6565	-47.762	49.094
21	-1.9833	1.9833	-49.094	48.697
22	-8.2045	8.2045	-48.697	47.056
23	-12.629	12.629	-47.056	44.530
24	-15.647	15.647	-44.530	41.401
25	-17.527	17.527	-41.401	37.895
26	-19.223	19.223	-37.895	34.051
27	-20.137	20.137	-34.051	30.023
28	-20.393	20.393	-30.023	25.945
29	-20.094	20.094	-25.945	21.926
30	-19.318	19.318	-21.926	18.062
31	-18.129	18.129	-18.062	14.437
32	-16.575	16.575	-14.437	11.122
33	-14.702	14.702	-11.122	8.1812
34	-12.545	12.545	-8.1812	5.6722
35	-10.132	10.132	-5.6722	3.6459
36	-7.5183	7.5183	-3.6459	2.1423
37	-5.2416	5.2416	-2.1423	1.0939
38	-3.3048	3.3048	-1.0939	0.43298
39	-1.7092	1.7092	-0.43298	9.11351E-02
40	-0.45567	0.45567	-9.11351E-02	6.26499E-13

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F I N A L I N C R E M E N T A L A N A L Y S I S

S U M M A R Y

STEP		NO. OF ITERATIONS
1	CONVERGENCE :YES	2
2	CONVERGENCE :YES	4
3	CONVERGENCE :YES	4

END OF PROCESS FOR PROBLEM

New Project

NONLINEAR SOLUTION CPU TIME .... 0.03 [sec]

DATABASE CREATION CPU TIME..... 0.06 [sec]