

COMMITTENTE:



ALTA  
SORVEGLIANZA:



GENERAL CONTRACTOR:



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

**LINEA AV/AC TORINO – VENEZIA Tratta VERONA – PADOVA**

**Lotto funzionale Verona – Bivio Vicenza**

**PROGETTO ESECUTIVO**

**SL - SOTTOVIA**

**SL13 - SOTTOVIA AL KM 35+455.58**

**RAMPE NORD**

**Allegato di calcolo**

GENERAL CONTRACTOR		DIRETTORE LAVORI		SCALA
IL PROGETTISTA INTEGRATORE	Consorzio <b>Iricav Due</b>  Ing. Paolo Carmona Data: Febbraio 2023			-
Ing. Claudio DE GIUDICI Iscritto all'ordine degli ingegneri di Udine n. 1875  Data: Febbraio 2023				

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.	FOGLIO			
I N 1 7	1 2	E	I 2	CL	SL 1 3 A 0	0 0 2	B	-	-	-	p - - -

	VISTO CONSORZIO IRICAV DUE	
	Firma	Data
	Ing Alberto Levorato 	



Progettazione:

Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	IL PROGETTISTA
A	EMISSIONE	CODING 	30/04/21	C.Pinti 	30/04/21	P. Luciani 	30/04/21	 Giuseppe Fabrizio Coppa Data: 30/04/21
B	REVISIONE INTERNA	CODING 	Febbraio 2023	C.Pinti 	Febbraio 2023	P. Luciani 	Febbraio 2023	

CIG. 8377957CD1	CUP: J41F91000000009	File: IN1712EI2CLSL13A0002B Cod. origine:
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Progetto cofinanziato  
dalla Unione Europea

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL13A0002</p>	<p>A</p>



## INDICE

1	ALLEGATO DI CALCOLO	3
1.1	SEZIONE 1	4
1.2	SEZIONE 2	25
1.3	SEZIONE 3	47

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
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## 1 ALLEGATO DI CALCOLO

Si riportano di seguito, in allegato, i dati di input e output del software di calcolo.

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1.1 SEZIONE 1

/ \_\_\_\_\_

/ STRAUS7 MODEL EXCHANGE FILE

/ \_\_\_\_\_

/ MODEL INFORMATION

```

FileFormat      Straus7.2.3.3
ModelName       "SEZ.01_ver2.3"
Title           ""
Project          ""
Author          ""
Reference       ""
Comments        ""

```

/ \_\_\_\_\_

/ UNITS

```

LengthUnit      m
MassUnit        kg
EnergyUnit      J
PressureUnit    kPa
ForceUnit       kN
TemperatureUnit C

```



/ \_\_\_\_\_

/ GROUP DEFINITIONS

```

Group           1 16711680 "\\Model"
Group           2 3355647 "0"

```

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/ \_\_\_\_\_

/ FREEDOM CASE DEFINITIONS

FreedomCase      2    0    0 "Freedom"  
DZ RX RY

/ \_\_\_\_\_

/ LOAD CASE DEFINITIONS

LoadCase          2    1 "PP"  
Gravity            2 -9.810000000000000E+0  
LCInclude          3

LoadCase          3    0 "PERM"  
LCInclude          3



LoadCase          4    0 "SPTSX"  
LCInclude          3

LoadCase          5    0 "SPTDX"  
LCInclude          3

LoadCase          6    0 "SPTW"  
LCInclude          3

LoadCase          7    0 "SPACCSX"  
LCInclude          3

LoadCase          8    0 "SPACCDX"

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LCInclude 3

LoadCase 9 0 "ACC\_SOLINF"

LCInclude 3

LoadCase 10 0 "SISMA\_H"

LCInclude 3

LoadCase 11 0 "SPSSX"

LCInclude 3

LoadCase 12 0 "SPSDX"

LCInclude 3

/ \_\_\_\_\_

/ LOAD CASE COMBINATIONS

LoadCaseCombination 13 "SLU01"

2 1.3500000000000000E+0

3 1.5000000000000000E+0

4 1.3500000000000000E+0

5 1.3500000000000000E+0

6 1.0000000000000000E+0



7 1.5000000000000000E+0

9 1.5000000000000000E+0

LoadCaseCombination 14 "SLU02"

2 1.3500000000000000E+0

3 1.5000000000000000E+0

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- 4 1.3500000000000000E+0
- 5 1.0000000000000000E+0
- 6 1.3500000000000000E+0
- 7 1.5000000000000000E+0
- 9 1.5000000000000000E+0

LoadCaseCombination 15 "SLU03"

- 2 1.3500000000000000E+0
- 3 1.5000000000000000E+0
- 4 1.0000000000000000E+0
- 5 1.0000000000000000E+0
- 6 1.0000000000000000E+0
- 7 1.5000000000000000E+0
- 8 1.5000000000000000E+0
- 9 1.5000000000000000E+0

LoadCaseCombination 16 "SLU04"

- 2 1.3500000000000000E+0
- 3 1.5000000000000000E+0
- 4 1.3500000000000000E+0
- 5 1.3500000000000000E+0
- 6 1.3500000000000000E+0
- 7 1.5000000000000000E+0
- 8 1.5000000000000000E+0
- 9 1.5000000000000000E+0

LoadCaseCombination 17 "SLU05"

- 2 1.0000000000000000E+0
- 3 1.0000000000000000E+0
- 4 1.3500000000000000E+0

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	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL13A0002	A

- 5 1.350000000000000E+0
- 6 1.350000000000000E+0
- 7 1.500000000000000E+0
- 8 1.500000000000000E+0
- 9 1.500000000000000E+0



LoadCaseCombination 18 "SLU\_SISMA01"

- 2 1.000000000000000E+0
- 3 1.000000000000000E+0
- 4 1.000000000000000E+0
- 5 1.000000000000000E+0
- 6 1.000000000000000E+0
- 7 2.000000000000000E-1
- 8 2.000000000000000E-1
- 9 2.000000000000000E-1
- 10 1.000000000000000E+0
- 11 1.000000000000000E+0
- 12 1.000000000000000E+0

LoadCaseCombination 19 "SLU\_SISMA02"

- 2 1.000000000000000E+0
- 3 1.000000000000000E+0
- 4 1.000000000000000E+0
- 5 1.000000000000000E+0
- 6 1.000000000000000E+0
- 7 2.000000000000000E-1
- 8 2.000000000000000E-1
- 9 2.000000000000000E-1
- 10 1.000000000000000E+0
- 11 1.000000000000000E+0



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12 -1.00000000000000E+0

LoadCaseCombination 20 "SLE\_RARA01"

- 2 1.00000000000000E+0
- 3 1.00000000000000E+0
- 4 1.00000000000000E+0
- 5 1.00000000000000E+0
- 6 1.00000000000000E+0
- 7 1.00000000000000E+0
- 8 1.00000000000000E+0
- 9 1.00000000000000E+0

LoadCaseCombination 21 "SLE\_RARA02"



- 2 1.00000000000000E+0
- 3 1.00000000000000E+0
- 4 1.00000000000000E+0
- 5 8.00000000000000E-1
- 6 1.00000000000000E+0
- 7 1.00000000000000E+0
- 9 1.00000000000000E+0

LoadCaseCombination 22 "SLE\_QPERM01"

- 2 1.00000000000000E+0
- 3 1.00000000000000E+0
- 4 1.00000000000000E+0
- 5 1.00000000000000E+0
- 6 1.00000000000000E+0

LoadCaseCombination 23 "SLE\_FREQ01"

- 2 1.00000000000000E+0

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3 1.000000000000000E+0  
4 1.000000000000000E+0  
5 8.000000000000000E-1  
6 1.000000000000000E+0  
7 7.500000000000000E-1  
9 7.500000000000000E-1

/ \_\_\_\_\_

/ RESULT CASE ENVELOPES

LoadCaseEnvelope "SLU/SLV" Abs



ON 13  
ON 14  
ON 15  
ON 16  
ON 17  
ON 18  
ON 19

LoadCaseEnvelope "SLU" Abs

ON 13  
ON 14  
ON 15  
ON 16  
ON 17

LoadCaseEnvelope "SLV" Abs

ON 18  
ON 19

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
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LoadCaseEnvelope "SLE R" Abs

ON 20

ON 21

LoadCaseEnvelope "SLE F" Abs

ON 23

LoadCaseEnvelope "SLE QP" Abs

ON 22

/ \_\_\_\_\_

/ COORDINATE SYSTEM DEFINITIONS

CoordSys 1 "Global XYZ" GlobalXYZ

CoordSys 2 "Global" GlobalXYZ

/ \_\_\_\_\_

/ NODE COORDINATES

Node	1	-3.15000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	2	-2.95000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	3	-2.75000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	4	-2.06000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	5	-1.38000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	6	-6.88000000000000E-1	0.00000000000000E+0	0.00000000000000E+0
Node	7	0.00000000000000E+0	0.00000000000000E+0	0.00000000000000E+0

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	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL13A0002	A

Node	8	6.880000000000000E-1	0.000000000000000E+0	0.000000000000000E+0
Node	9	1.380000000000000E+0	0.000000000000000E+0	0.000000000000000E+0
Node	10	2.060000000000000E+0	0.000000000000000E+0	0.000000000000000E+0
Node	11	2.750000000000000E+0	0.000000000000000E+0	0.000000000000000E+0
Node	12	2.950000000000000E+0	0.000000000000000E+0	0.000000000000000E+0
Node	13	3.150000000000000E+0	0.000000000000000E+0	0.000000000000000E+0
Node	14	-3.150000000000000E+0	2.500000000000000E-1	0.000000000000000E+0
Node	15	3.150000000000000E+0	2.500000000000000E-1	0.000000000000000E+0
Node	16	-3.150000000000000E+0	5.000000000000000E-1	0.000000000000000E+0
Node	17	3.150000000000000E+0	5.000000000000000E-1	0.000000000000000E+0
Node	18	-3.150000000000000E+0	1.050000000000000E+0	0.000000000000000E+0
Node	19	3.150000000000000E+0	1.050000000000000E+0	0.000000000000000E+0
Node	20	-3.150000000000000E+0	1.600000000000000E+0	0.000000000000000E+0
Node	21	3.150000000000000E+0	1.600000000000000E+0	0.000000000000000E+0
Node	22	-3.150000000000000E+0	2.160000000000000E+0	0.000000000000000E+0
Node	23	3.150000000000000E+0	2.160000000000000E+0	0.000000000000000E+0
Node	24	-3.150000000000000E+0	2.710000000000000E+0	0.000000000000000E+0
Node	25	3.150000000000000E+0	2.710000000000000E+0	0.000000000000000E+0
Node	26	-3.150000000000000E+0	3.260000000000000E+0	0.000000000000000E+0
Node	27	3.150000000000000E+0	3.260000000000000E+0	0.000000000000000E+0
Node	28	-3.150000000000000E+0	3.810000000000000E+0	0.000000000000000E+0
Node	29	3.150000000000000E+0	3.810000000000000E+0	0.000000000000000E+0
Node	30	-3.150000000000000E+0	4.370000000000000E+0	0.000000000000000E+0
Node	31	3.150000000000000E+0	4.370000000000000E+0	0.000000000000000E+0
Node	32	-3.150000000000000E+0	4.920000000000000E+0	0.000000000000000E+0
Node	33	3.150000000000000E+0	4.920000000000000E+0	0.000000000000000E+0
Node	34	-3.150000000000000E+0	5.470000000000000E+0	0.000000000000000E+0
Node	35	3.150000000000000E+0	5.470000000000000E+0	0.000000000000000E+0

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/ BEAM ELEMENTS

Beam	1	2	2	1	2
Beam	2	2	2	2	3
Beam	3	2	2	3	4
Beam	4	2	2	4	5
Beam	5	2	2	5	6
Beam	6	2	2	6	7
Beam	7	2	2	7	8
Beam	8	2	2	8	9
Beam	9	2	2	9	10
Beam	10	2	2	10	11
Beam	11	2	2	11	12
Beam	12	2	2	12	13
Beam	13	2	3	1	14
Beam	14	2	3	14	16
Beam	15	2	3	16	18
Beam	16	2	3	18	20
Beam	17	2	3	20	22
Beam	18	2	3	22	24
Beam	19	2	3	24	26
Beam	20	2	3	26	28
Beam	21	2	3	28	30
Beam	22	2	3	30	32
Beam	23	2	3	32	34
Beam	24	2	3	15	13
Beam	25	2	3	17	15
Beam	26	2	3	19	17
Beam	27	2	3	21	19
Beam	28	2	3	23	21

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	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

Beam	29	2	3	25	23
Beam	30	2	3	27	25
Beam	31	2	3	29	27
Beam	32	2	3	31	29
Beam	33	2	3	33	31
Beam	34	2	3	35	33

/ \_\_\_\_\_

/ BEAM SUPPORTS

BmSupport	1	0.00000000000000E+0	3.50000000000000E+3
BmSupport	2	0.00000000000000E+0	3.50000000000000E+3
BmSupport	3	0.00000000000000E+0	3.50000000000000E+3
BmSupport	4	0.00000000000000E+0	3.50000000000000E+3
BmSupport	5	0.00000000000000E+0	3.50000000000000E+3
BmSupport	6	0.00000000000000E+0	3.50000000000000E+3
BmSupport	7	0.00000000000000E+0	3.50000000000000E+3
BmSupport	8	0.00000000000000E+0	3.50000000000000E+3
BmSupport	9	0.00000000000000E+0	3.50000000000000E+3
BmSupport	10	0.00000000000000E+0	3.50000000000000E+3
BmSupport	11	0.00000000000000E+0	3.50000000000000E+3
BmSupport	12	0.00000000000000E+0	3.50000000000000E+3



/ \_\_\_\_\_

/ NODE RESTRAINTS (ROTATION AS RADIAN)

/ Freedom

NdFreedom	2	1	1	DX
NdFreedom	2	13	1	DX

/ \_\_\_\_\_

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ PERM



BmDistLoadG	3	1	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	3	2	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	3	3	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	3	4	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	3	5	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	3	6	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	3	7	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	3	8	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	3	9	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	3	10	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	3	11	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	3	12	Y	1	-2.430000000000000E+1	-2.430000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00

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/ NODE FORCES

/ SPTSX

NdForce	4	1	2.180000000000000E+1	0.000000000000000E+0	0.000000000000000E+0
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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPTSX

BmDistLoadG	4	13	X	1	4.1650000000000E+1	4.1650000000000E+1
0.0000000000000E+0	0.0000000000000E+0				0.00	0.00
BmDistLoadG	4	14	X	1	3.9756750000000E+1	3.9756750000000E+1
0.0000000000000E+0	0.0000000000000E+0				0.00	0.00
BmDistLoadG	4	15	X	1	3.7863500000000E+1	3.7863500000000E+1
0.0000000000000E+0	0.0000000000000E+0				0.00	0.00
BmDistLoadG	4	16	X	1	3.3698350000000E+1	3.3698350000000E+1
0.0000000000000E+0	0.0000000000000E+0				0.00	0.00
BmDistLoadG	4	17	X	1	2.9533200000000E+1	2.9533200000000E+1
0.0000000000000E+0	0.0000000000000E+0				0.00	0.00
BmDistLoadG	4	18	X	1	2.5292320000000E+1	2.5292320000000E+1
0.0000000000000E+0	0.0000000000000E+0				0.00	0.00
BmDistLoadG	4	19	X	1	2.1127170000000E+1	2.1127170000000E+1
0.0000000000000E+0	0.0000000000000E+0				0.00	0.00
BmDistLoadG	4	20	X	1	1.6962020000000E+1	1.6962020000000E+1
0.0000000000000E+0	0.0000000000000E+0				0.00	0.00
BmDistLoadG	4	21	X	1	1.2796870000000E+1	1.2796870000000E+1
0.0000000000000E+0	0.0000000000000E+0				0.00	0.00
BmDistLoadG	4	22	X	1	8.5559899999999E+0	8.5559899999999E+0
0.0000000000000E+0	0.0000000000000E+0				0.00	0.00
BmDistLoadG	4	23	X	1	4.3908400000000E+0	4.3908400000000E+0
0.0000000000000E+0	0.0000000000000E+0				0.00	0.00



/ \_\_\_\_\_

/ NODE FORCES

/ SPTDX

NdForce	5	13			-2.1800000000000E+1	0.0000000000000E+0
0.0000000000000E+0						



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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPTDX

BmDistLoadG	5	24	X	1	-3.97567500000000E+1	-3.97567500000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	25	X	1	-3.78635000000000E+1	-3.78635000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	26	X	1	-3.36983500000000E+1	-3.36983500000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	27	X	1	-2.95332000000000E+1	-2.95332000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	28	X	1	-2.52923200000000E+1	-2.52923200000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	29	X	1	-2.11271700000000E+1	-2.11271700000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	30	X	1	-1.69620200000000E+1	-1.69620200000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	31	X	1	-1.27968700000000E+1	-1.27968700000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	32	X	1	-8.55598999999999E+0	-8.55598999999999E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	33	X	1	-4.39084000000000E+0	-4.39084000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	34	X	1	-2.25690000000000E-1	-2.25690000000000E-1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00



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/ NODE FORCES

/ SPACCSX

NdForce	7	1	1.92000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
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	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPACCSX

BmDistLoadG	7	13	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	14	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	15	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	16	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	17	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	18	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	19	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	20	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	21	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	22	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	23	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00



/ \_\_\_\_\_

/ NODE FORCES

/ SPACCDX

NdForce	8	13			-1.92000000000000E+0	0.00000000000000E+0
0.00000000000000E+0						

/ \_\_\_\_\_

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL13A0002	A

/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPACCDX



BmDistLoadG	8	24	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	25	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	26	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	27	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	28	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	29	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	30	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	31	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	32	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	33	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	34	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

/ \_\_\_\_\_

/ BEAM GLOBAL DISTRIBUTED LOADS

/ ACC\_SOLINF

BmDistLoadG	9	1	Y	1	-4.89400000000000E+1	-4.89400000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	2	Y	1	-4.89400000000000E+1	-4.89400000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL13A0002</p>	<p>A</p>

BmDistLoadG	9	3	Y	1	-4.894000000000000E+1	-4.894000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	4	Y	1	-4.894000000000000E+1	-4.894000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	5	Y	1	-4.894000000000000E+1	-4.894000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	6	Y	1	-4.894000000000000E+1	-4.894000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	7	Y	1	-4.894000000000000E+1	-4.894000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	8	Y	1	-4.894000000000000E+1	-4.894000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	9	Y	1	-4.894000000000000E+1	-4.894000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	10	Y	1	-4.894000000000000E+1	-4.894000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	11	Y	1	-4.894000000000000E+1	-4.894000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	12	Y	1	-4.894000000000000E+1	-4.894000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00

/ \_\_\_\_\_

/ BEAM GLOBAL DISTRIBUTED LOADS

/ SISMA\_H

BmDistLoadG	10	13	X	1	5.880000000000000E+0	5.880000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	10	14	X	1	5.880000000000000E+0	5.880000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	10	15	X	1	5.880000000000000E+0	5.880000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	10	16	X	1	5.880000000000000E+0	5.880000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00

GENERAL CONTRACTOR





ALTA SORVEGLIANZA



	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL13A0002	A

BmDistLoadG	10	17	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	18	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	19	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	20	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	21	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	22	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	23	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	24	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	25	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	26	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	27	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	28	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	29	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	30	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	31	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	10	32	X	1	5.88000000000000E+0	5.88000000000000E+0
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

BmDistLoadG	10	33	X	1	5.880000000000000E+0	5.880000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	10	34	X	1	5.880000000000000E+0	5.880000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00



/ \_\_\_\_\_

/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPSSX

BmDistLoadG	11	13	X	1	3.550000000000000E+1	3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	11	14	X	1	3.550000000000000E+1	3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	11	15	X	1	3.550000000000000E+1	3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	11	16	X	1	3.550000000000000E+1	3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	11	17	X	1	3.550000000000000E+1	3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	11	18	X	1	3.550000000000000E+1	3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	11	19	X	1	3.550000000000000E+1	3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	11	20	X	1	3.550000000000000E+1	3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	11	21	X	1	3.550000000000000E+1	3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	11	22	X	1	3.550000000000000E+1	3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	11	23	X	1	3.550000000000000E+1	3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00

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<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica E12CLSL13A0002</p>	<p>A</p>

/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPSDX

BmDistLoadG	12	24	X	1	-3.550000000000000E+1	-3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	25	X	1	-3.550000000000000E+1	-3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	26	X	1	-3.550000000000000E+1	-3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	27	X	1	-3.550000000000000E+1	-3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	28	X	1	-3.550000000000000E+1	-3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	29	X	1	-3.550000000000000E+1	-3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	30	X	1	-3.550000000000000E+1	-3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	31	X	1	-3.550000000000000E+1	-3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	32	X	1	-3.550000000000000E+1	-3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	33	X	1	-3.550000000000000E+1	-3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	34	X	1	-3.550000000000000E+1	-3.550000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00

/ \_\_\_\_\_

/ BEAM PROPERTIES

BeamProp	2 "Fondazione"
MaterialName	"Concrete:"
Modulus	3.360000000000000E+7
ShearMod	1.290000000000000E+7

GENERAL CONTRACTOR



ALTA SORVEGLIANZA





Progetto	Lotto	Codifica	
IN17	12	EI2CLSL13A0002	A

Poisson 1.5000000000000000E-1  
UsePoisson TRUE  
Density 2.5000000000000000E+3  
Expansion 1.0000000000000000E-5  
ThermalCond 1.3700000000000000E+0  
SpecificHeat 8.8000000000000000E+2  
Area 1.0000000000000000E+0  
MomentI11 8.3300000000000000E-2  
MomentI22 8.3300000000000000E-2  
MomentJ 1.0000000000000000E-1  
SectionType SolidRect  
B 1.0000000000000000E+0  
D 1.0000000000000000E+0  
NonLinType Elasticplastic  
Hardening Isotropic

BeamProp 3 "piedritti"  
MaterialName "Rck"  
Modulus 3.3600000000000000E+7  
ShearMod 1.2900000000000000E+7  
Poisson 1.5000000000000000E-1  
UsePoisson TRUE  
Density 2.5000000000000000E+3  
Expansion 1.0000000000000000E-5  
ThermalCond 1.3700000000000000E+0  
SpecificHeat 8.8000000000000000E+2  
Area 8.0000000000000000E-1  
MomentI11 4.2700000000000000E-2  
MomentI22 6.6700000000000000E-2  
MomentJ 1.0000000000000000E-1



GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

```

SectionType      SolidRect
B                1.000000000000000E+0
D                8.000000000000000E-1
NonLinType      Elasticplastic
Hardening        Isotropic

```

1.2 SEZIONE 2

/ \_\_\_\_\_

/ STRAUS7 MODEL EXCHANGE FILE

/ \_\_\_\_\_

/ MODEL INFORMATION

```

FileFormat      Straus7.2.3.3
ModelName       "SEZ.02_ver2.3"
Title           ""
Project         ""
Author          ""
Reference       ""
Comments        ""

```



/ \_\_\_\_\_

/ UNITS

```

LengthUnit      m
MassUnit        kg
EnergyUnit      J
PressureUnit    kPa
ForceUnit       kN
TemperatureUnit C

```

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

/ \_\_\_\_\_

/ GROUP DEFINITIONS

Group            1   16711680   "\Model"  
Group            2   3355647   "0"

/ \_\_\_\_\_



/ FREEDOM CASE DEFINITIONS

FreedomCase    2   0   0   "Freedom"  
DZ RX RY

/ \_\_\_\_\_

/ LOAD CASE DEFINITIONS

LoadCase        2   1   "PP"  
Gravity          2   -9.810000000000000E+0  
LCInclude        3  
  
LoadCase        3   0   "PERM"  
LCInclude        3  
  
LoadCase        4   0   "SPTSX"  
LCInclude        3  
  
LoadCase        5   0   "SPTDX"  
LCInclude        3  
  
LoadCase        6   0   "SPTW"

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL13A0002	A

LCInclude 3

LoadCase 7 0 "SPACCSX"

LCInclude 3

LoadCase 8 0 "SPACCDX"

LCInclude 3

LoadCase 9 0 "ACC\_SOLINF"

LCInclude 3

LoadCase 10 0 "SISMA\_H"

LCInclude 3

LoadCase 11 0 "SPSSX"

LCInclude 3

LoadCase 12 0 "SPSDX"

LCInclude 3

/ \_\_\_\_\_

/ LOAD CASE COMBINATIONS

LoadCaseCombination 13 "SLU01"



2 1.35000000000000E+0

3 1.50000000000000E+0

4 1.35000000000000E+0

5 1.35000000000000E+0

6 1.00000000000000E+0

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica E12CLSL13A0002</p>	<p>A</p>

7 1.500000000000000E+0

9 1.500000000000000E+0

LoadCaseCombination 14 "SLU02"

2 1.350000000000000E+0

3 1.500000000000000E+0

4 1.350000000000000E+0

5 1.000000000000000E+0

6 1.350000000000000E+0

7 1.500000000000000E+0

9 1.500000000000000E+0

LoadCaseCombination 15 "SLU03"

2 1.350000000000000E+0

3 1.500000000000000E+0

4 1.000000000000000E+0

5 1.000000000000000E+0

6 1.000000000000000E+0

7 1.500000000000000E+0

8 1.500000000000000E+0

9 1.500000000000000E+0

LoadCaseCombination 16 "SLU04"

2 1.350000000000000E+0

3 1.500000000000000E+0



4 1.350000000000000E+0

5 1.350000000000000E+0

6 1.350000000000000E+0

7 1.500000000000000E+0

8 1.500000000000000E+0

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto</p> <p>IN17</p>	<p>Lotto</p> <p>12</p>	<p>Codifica</p> <p>EI2CLSL13A0002</p>	<p>A</p>

9 1.5000000000000000E+0

LoadCaseCombination 17 "SLU05"

2 1.0000000000000000E+0

3 1.0000000000000000E+0

4 1.3500000000000000E+0

5 1.3500000000000000E+0

6 1.3500000000000000E+0

7 1.5000000000000000E+0

8 1.5000000000000000E+0

9 1.5000000000000000E+0

LoadCaseCombination 18 "SLU\_SISMA01"

2 1.0000000000000000E+0

3 1.0000000000000000E+0

4 1.0000000000000000E+0

5 1.0000000000000000E+0

6 1.0000000000000000E+0

7 2.0000000000000000E-1

8 2.0000000000000000E-1

9 2.0000000000000000E-1

10 1.0000000000000000E+0

11 1.0000000000000000E+0

12 1.0000000000000000E+0



LoadCaseCombination 19 "SLU\_SISMA02"

2 1.0000000000000000E+0

3 1.0000000000000000E+0

4 1.0000000000000000E+0

5 1.0000000000000000E+0

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica E12CLSL13A0002</p>	<p>A</p>

- 6 1.000000000000000E+0
- 7 2.000000000000000E-1
- 8 2.000000000000000E-1
- 9 2.000000000000000E-1
- 10 1.000000000000000E+0
- 11 1.000000000000000E+0
- 12 -1.000000000000000E+0

LoadCaseCombination 20 "SLE\_RARA01"



- 2 1.000000000000000E+0
- 3 1.000000000000000E+0
- 4 1.000000000000000E+0
- 5 1.000000000000000E+0
- 6 1.000000000000000E+0
- 7 1.000000000000000E+0
- 8 1.000000000000000E+0
- 9 1.000000000000000E+0

LoadCaseCombination 21 "SLE\_RARA02"

- 2 1.000000000000000E+0
- 3 1.000000000000000E+0
- 4 1.000000000000000E+0
- 5 8.000000000000000E-1
- 6 1.000000000000000E+0
- 7 1.000000000000000E+0
- 9 1.000000000000000E+0

LoadCaseCombination 22 "SLE\_QPERM01"

- 2 1.000000000000000E+0
- 3 1.000000000000000E+0

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL13A0002	A

4 1.000000000000000E+0  
5 1.000000000000000E+0  
6 1.000000000000000E+0

LoadCaseCombination 23 "SLE\_FREQ01"

2 1.000000000000000E+0  
3 1.000000000000000E+0  
4 1.000000000000000E+0  
5 8.000000000000000E-1  
6 1.000000000000000E+0  
7 7.500000000000000E-1  
9 7.500000000000000E-1

LoadCaseCombination 24 "SLU06"



2 1.350000000000000E+0  
3 1.500000000000000E+0  
4 1.350000000000000E+0  
5 1.350000000000000E+0  
6 1.500000000000000E+0  
7 1.500000000000000E+0  
8 1.500000000000000E+0

/ \_\_\_\_\_

/ RESULT CASE ENVELOPES

LoadCaseEnvelope "SLU/SLV" Abs

ON 13  
ON 14  
ON 15

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

ON 16  
ON 17  
ON 18  
ON 19

LoadCaseEnvelope "SLU" Abs

ON 13  
ON 14  
ON 15  
ON 16  
ON 17

LoadCaseEnvelope "SLV" Abs

ON 18  
ON 19

LoadCaseEnvelope "SLE R" Abs

ON 20  
ON 21

LoadCaseEnvelope "SLE F" Abs



ON 23

LoadCaseEnvelope "SLE QP" Abs

ON 22

/ \_\_\_\_\_  
/ COORDINATE SYSTEM DEFINITIONS



GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A



CoordSys 1 "Global XYZ" GlobalXYZ

CoordSys 2 "Global" GlobalXYZ

/ \_\_\_\_\_

/ NODE COORDINATES

Node 1	-2.95000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node 2	-2.85000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node 3	-2.75000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node 4	-2.06000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node 5	-1.38000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node 6	-6.88000000000000E-1	0.00000000000000E+0	0.00000000000000E+0
Node 7	0.00000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node 8	6.88000000000000E-1	0.00000000000000E+0	0.00000000000000E+0
Node 9	1.38000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node 10	2.06000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node 11	2.75000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node 12	2.85000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node 13	2.95000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node 14	-2.95000000000000E+0	1.75000000000000E-1	0.00000000000000E+0
Node 15	2.95000000000000E+0	1.75000000000000E-1	0.00000000000000E+0
Node 16	-2.95000000000000E+0	3.50000000000000E-1	0.00000000000000E+0
Node 17	2.95000000000000E+0	3.50000000000000E-1	0.00000000000000E+0
Node 18	-2.95000000000000E+0	8.17000000000000E-1	0.00000000000000E+0
Node 19	2.95000000000000E+0	8.17000000000000E-1	0.00000000000000E+0
Node 20	-2.95000000000000E+0	1.28000000000000E+0	0.00000000000000E+0
Node 21	2.95000000000000E+0	1.28000000000000E+0	0.00000000000000E+0
Node 22	-2.95000000000000E+0	1.75000000000000E+0	0.00000000000000E+0



GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

Node	23	2.950000000000000E+0	1.750000000000000E+0	0.000000000000000E+0
Node	24	-2.950000000000000E+0	2.220000000000000E+0	0.000000000000000E+0
Node	25	2.950000000000000E+0	2.220000000000000E+0	0.000000000000000E+0
Node	26	-2.950000000000000E+0	2.680000000000000E+0	0.000000000000000E+0
Node	27	2.950000000000000E+0	2.680000000000000E+0	0.000000000000000E+0
Node	28	-2.950000000000000E+0	3.150000000000000E+0	0.000000000000000E+0
Node	29	2.950000000000000E+0	3.150000000000000E+0	0.000000000000000E+0
Node	30	-2.950000000000000E+0	3.620000000000000E+0	0.000000000000000E+0
Node	31	2.950000000000000E+0	3.620000000000000E+0	0.000000000000000E+0
Node	32	-2.950000000000000E+0	4.080000000000000E+0	0.000000000000000E+0
Node	33	2.950000000000000E+0	4.080000000000000E+0	0.000000000000000E+0
Node	34	-2.950000000000000E+0	4.550000000000000E+0	0.000000000000000E+0
Node	35	2.950000000000000E+0	4.550000000000000E+0	0.000000000000000E+0

/ \_\_\_\_\_

/ BEAM ELEMENTS

Beam	1	2	2	1	2
Beam	2	2	2	2	3
Beam	3	2	2	3	4
Beam	4	2	2	4	5
Beam	5	2	2	5	6
Beam	6	2	2	6	7
Beam	7	2	2	7	8
Beam	8	2	2	8	9
Beam	9	2	2	9	10
Beam	10	2	2	10	11
Beam	11	2	2	11	12
Beam	12	2	2	12	13
Beam	13	2	3	1	14



GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL13A0002	A

Beam	14	2	3	14	16
Beam	15	2	3	16	18
Beam	16	2	3	18	20
Beam	17	2	3	20	22
Beam	18	2	3	22	24
Beam	19	2	3	24	26
Beam	20	2	3	26	28
Beam	21	2	3	28	30
Beam	22	2	3	30	32
Beam	23	2	3	32	34
Beam	24	2	3	15	13
Beam	25	2	3	17	15
Beam	26	2	3	19	17
Beam	27	2	3	21	19
Beam	28	2	3	23	21
Beam	29	2	3	25	23
Beam	30	2	3	27	25
Beam	31	2	3	29	27
Beam	32	2	3	31	29
Beam	33	2	3	33	31
Beam	34	2	3	35	33

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/ BEAM SUPPORTS

BmSupport	1	0.0000000000000000E+0	6.5000000000000000E+3
BmSupport	2	0.0000000000000000E+0	6.5000000000000000E+3
BmSupport	3	0.0000000000000000E+0	6.5000000000000000E+3
BmSupport	4	0.0000000000000000E+0	6.5000000000000000E+3
BmSupport	5	0.0000000000000000E+0	6.5000000000000000E+3

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

BmSupport	6	0.00000000000000E+0	6.50000000000000E+3
BmSupport	7	0.00000000000000E+0	6.50000000000000E+3
BmSupport	8	0.00000000000000E+0	6.50000000000000E+3
BmSupport	9	0.00000000000000E+0	6.50000000000000E+3
BmSupport	10	0.00000000000000E+0	6.50000000000000E+3
BmSupport	11	0.00000000000000E+0	6.50000000000000E+3
BmSupport	12	0.00000000000000E+0	6.50000000000000E+3

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/ NODE RESTRAINTS (ROTATION AS RADIAN)

/ Freedom



NdFreedom	2	1	1	DX
NdFreedom	2	13	1	DX

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ PERM

BmDistLoadG	3	1	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	3	2	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	3	3	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	3	4	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	3	5	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	3	6	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			
BmDistLoadG	3	7	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0	0.00	0.00			

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL13A0002	A

BmDistLoadG	3	8	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	3	9	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	3	10	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	3	11	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	3	12	Y	1	-1.71000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

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/ NODE FORCES

/ SPTSX



NdForce	4	1	1.24000000000000E+1	0.00000000000000E+0	0.00000000000000E+0
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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPTSX

BmDistLoadG	4	13	X	2	3.41000000000000E+1	3.27000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	14	X	2	3.27000000000000E+1	3.14000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	15	X	2	3.14000000000000E+1	2.87000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	16	X	2	2.87000000000000E+1	2.51000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	17	X	2	2.51000000000000E+1	2.15000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	18	X	2	2.15000000000000E+1	1.79000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL13A0002	A

BmDistLoadG	4	19	X	2	1.79000000000000E+1	1.43000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	20	X	2	1.43000000000000E+1	1.08000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	21	X	2	1.08000000000000E+1	7.17000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	22	X	2	7.17000000000000E+0	3.59000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	23	X	2	3.59000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

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/ NODE FORCES

/ SPTDX



NdForce		5	13		-1.24000000000000E+1	0.00000000000000E+0
0.00000000000000E+0						

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPTDX

BmDistLoadG	5	24	X	2	-3.27000000000000E+1	-3.41000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	25	X	2	-3.14000000000000E+1	-3.27000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	26	X	2	-2.87000000000000E+1	-3.14000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	27	X	2	-2.51000000000000E+1	-2.87000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	28	X	2	-2.15000000000000E+1	-2.51000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	29	X	2	-1.79000000000000E+1	-2.15000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL13A0002	A

BmDistLoadG	5	30	X	2	-1.43000000000000E+1	-1.79000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	31	X	2	-1.08000000000000E+1	-1.43000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	32	X	2	-7.17000000000000E+0	-1.08000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	33	X	2	-3.59000000000000E+0	-7.17000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	34	X	2	0.00000000000000E+0	-3.59000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

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/ NODE FORCES

/ SPACCSX



NdForce	7	1	1.35000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPACCSX

BmDistLoadG	7	13	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	14	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	15	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	16	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	17	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	18	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL13A0002</p>	<p>A</p>

BmDistLoadG	7	19	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	20	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	21	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	22	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	23	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

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/ NODE FORCES

/ SPACCDX

NdForce	8	13			-1.35000000000000E+0	0.00000000000000E+0
0.00000000000000E+0						

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPACCDX

BmDistLoadG	8	24	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	25	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	26	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	27	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	28	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	29	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00



GENERAL CONTRACTOR



ALTA SORVEGLIANZA



	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL13A0002	A



BmDistLoadG	8	30	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	31	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	32	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	33	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	34	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ ACC\_SOLINF

BmDistLoadG	9	1	Y	1	-5.88700000000000E+1	-5.88700000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	2	Y	1	-5.88700000000000E+1	-5.88700000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	3	Y	1	-5.88700000000000E+1	-5.88700000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	4	Y	1	-5.88700000000000E+1	-5.88700000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	5	Y	1	-5.88700000000000E+1	-5.88700000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	6	Y	1	-5.88700000000000E+1	-5.88700000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	7	Y	1	-5.88700000000000E+1	-5.88700000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	8	Y	1	-5.88700000000000E+1	-5.88700000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	9	Y	1	-5.88700000000000E+1	-5.88700000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL13A0002</p>	<p>A</p>


BmDistLoadG	9	10	Y	1	-5.887000000000000E+1	-5.887000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	11	Y	1	-5.887000000000000E+1	-5.887000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	12	Y	1	-5.887000000000000E+1	-5.887000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	13	Y	1	-5.887000000000000E+1	-5.887000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	14	Y	1	-5.887000000000000E+1	-5.887000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	24	Y	1	-5.887000000000000E+1	-5.887000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	9	25	Y	1	-5.887000000000000E+1	-5.887000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS



/ SISMA\_H

BmDistLoadG	10	13	X	1	2.970000000000000E+0	2.970000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	10	14	X	1	2.970000000000000E+0	2.970000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	10	15	X	1	2.970000000000000E+0	2.970000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	10	16	X	1	2.970000000000000E+0	2.970000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	10	17	X	1	2.970000000000000E+0	2.970000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	10	18	X	1	2.970000000000000E+0	2.970000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	10	19	X	1	2.970000000000000E+0	2.970000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica E12CLSL13A0002</p>	<p>A</p>

BmDistLoadG	10	20	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	21	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	22	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	23	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	24	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	25	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	26	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	27	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	28	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	29	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	30	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	31	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	32	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	33	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	34	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

/ \_\_\_\_\_

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica E12CLSL13A0002</p>	<p>A</p>

/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPSSX



BmDistLoadG	11	13	X	1	2.91000000000000E+1	2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	14	X	1	2.91000000000000E+1	2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	15	X	1	2.91000000000000E+1	2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	16	X	1	2.91000000000000E+1	2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	17	X	1	2.91000000000000E+1	2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	18	X	1	2.91000000000000E+1	2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	19	X	1	2.91000000000000E+1	2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	20	X	1	2.91000000000000E+1	2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	21	X	1	2.91000000000000E+1	2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	22	X	1	2.91000000000000E+1	2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	23	X	1	2.91000000000000E+1	2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

/ \_\_\_\_\_

/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPSSDX

BmDistLoadG	12	24	X	1	-2.91000000000000E+1	-2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	12	25	X	1	-2.91000000000000E+1	-2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL13A0002</p>	<p>A</p>

BmDistLoadG	12	26	X	1	-2.91000000000000E+1	-2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	12	27	X	1	-2.91000000000000E+1	-2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	12	28	X	1	-2.91000000000000E+1	-2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	12	29	X	1	-2.91000000000000E+1	-2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	12	30	X	1	-2.91000000000000E+1	-2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	12	31	X	1	-2.91000000000000E+1	-2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	12	32	X	1	-2.91000000000000E+1	-2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	12	33	X	1	-2.91000000000000E+1	-2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	12	34	X	1	-2.91000000000000E+1	-2.91000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

/ \_\_\_\_\_

/ BEAM PROPERTIES

BeamProp	2 "Fondazione"
MaterialName	"Concrete:"
Modulus	3.36000000000000E+7
ShearMod	1.29000000000000E+7
Poisson	1.50000000000000E-1
UsePoisson	TRUE
Density	2.50000000000000E+3
Expansion	1.00000000000000E-5
ThermalCond	1.37000000000000E+0
SpecificHeat	8.80000000000000E+2

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL13A0002	A

Area 7.000000000000000E-1

MomentI11 2.860000000000000E-2

MomentI22 5.830000000000000E-2

MomentJ 1.000000000000000E-1

SectionType SolidRect

B 1.000000000000000E+0

D 7.000000000000000E-1

NonLinType Elasticplastic

Hardening Isotropic

BeamProp 3 "piedritti"

MaterialName "Rck"

Modulus 3.360000000000000E+7

ShearMod 1.290000000000000E+7

Poisson 1.500000000000000E-1

UsePoisson TRUE

Density 2.500000000000000E+3

Expansion 1.000000000000000E-5

ThermalCond 1.370000000000000E+0

SpecificHeat 8.800000000000000E+2

Area 4.000000000000000E-1

MomentI11 5.330000000000000E-3

MomentI22 3.330000000000000E-2

MomentJ 1.000000000000000E-1



SectionType SolidRect

B 1.000000000000000E+0

D 4.000000000000000E-1

NonLinType Elasticplastic

Hardening Isotropic

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

### 1.3 SEZIONE 3

/ \_\_\_\_\_

/ STRAUS7 MODEL EXCHANGE FILE

/ \_\_\_\_\_

/ MODEL INFORMATION

```

FileFormat      Straus7.2.3.3
ModelName       "SEZ.03_ver2.3"
Title           ""
Project         ""
Author          ""
Reference       ""
Comments        ""

```

/ \_\_\_\_\_

/ UNITS

```

LengthUnit      m
MassUnit        kg
EnergyUnit      J
PressureUnit    kPa
ForceUnit       kN
TemperatureUnit C

```



/ \_\_\_\_\_

/ GROUP DEFINITIONS

```

Group           1 16711680 "\\Model"
Group           2 3355647 "0"

```

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

/ \_\_\_\_\_

/ FREEDOM CASE DEFINITIONS

FreedomCase      2    0    0 "Freedom"  
DZ RX RY

/ \_\_\_\_\_

/ LOAD CASE DEFINITIONS

LoadCase          2    1 "PP"  
Gravity            2 -9.810000000000000E+0  
LCInclude          3

LoadCase          3    0 "PERM"  
LCInclude          3

LoadCase          4    0 "SPTSX"  
LCInclude          3



LoadCase          5    0 "SPTDX"  
LCInclude          3

LoadCase          6    0 "SPTW"  
LCInclude          3

LoadCase          7    0 "SPACCSX"  
LCInclude          3

LoadCase          8    0 "SPACCDX"



GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

LCInclude 3

LoadCase 9 0 "ACC\_SOLINF"

LCInclude 3

LoadCase 10 0 "SISMA\_H"

LCInclude 3

LoadCase 11 0 "SPSSX"

LCInclude 3

LoadCase 12 0 "SPSDX"

LCInclude 3

/ \_\_\_\_\_

/ LOAD CASE COMBINATIONS

LoadCaseCombination 13 "SLU01"

2 1.3500000000000000E+0

3 1.5000000000000000E+0

4 1.3500000000000000E+0

5 1.3500000000000000E+0

6 1.0000000000000000E+0



7 1.5000000000000000E+0

9 1.5000000000000000E+0

LoadCaseCombination 14 "SLU02"

2 1.3500000000000000E+0

3 1.5000000000000000E+0

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica E12CLSL13A0002</p>	<p>A</p>

- 4 1.3500000000000000E+0
- 5 1.0000000000000000E+0
- 6 1.3500000000000000E+0
- 7 1.5000000000000000E+0
- 9 1.5000000000000000E+0

LoadCaseCombination 15 "SLU03"



- 2 1.3500000000000000E+0
- 3 1.5000000000000000E+0
- 4 1.0000000000000000E+0
- 5 1.0000000000000000E+0
- 6 1.0000000000000000E+0
- 7 1.5000000000000000E+0
- 8 1.5000000000000000E+0
- 9 1.5000000000000000E+0

LoadCaseCombination 16 "SLU04"

- 2 1.3500000000000000E+0
- 3 1.5000000000000000E+0
- 4 1.3500000000000000E+0
- 5 1.3500000000000000E+0
- 6 1.3500000000000000E+0
- 7 1.5000000000000000E+0
- 8 1.5000000000000000E+0
- 9 1.5000000000000000E+0

LoadCaseCombination 17 "SLU05"

- 2 1.0000000000000000E+0
- 3 1.0000000000000000E+0
- 4 1.3500000000000000E+0

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica E12CLSL13A0002</p>	<p>A</p>



- 5 1.3500000000000000E+0
- 6 1.3500000000000000E+0
- 7 1.5000000000000000E+0
- 8 1.5000000000000000E+0
- 9 1.5000000000000000E+0

LoadCaseCombination 18 "SLU\_SISMA01"

- 2 1.0000000000000000E+0
- 3 1.0000000000000000E+0
- 4 1.0000000000000000E+0
- 5 1.0000000000000000E+0
- 6 1.0000000000000000E+0
- 7 2.0000000000000000E-1
- 8 2.0000000000000000E-1
- 9 2.0000000000000000E-1
- 10 1.0000000000000000E+0
- 11 1.0000000000000000E+0
- 12 1.0000000000000000E+0

LoadCaseCombination 19 "SLU\_SISMA02"

- 2 1.0000000000000000E+0
- 3 1.0000000000000000E+0
- 4 1.0000000000000000E+0
- 5 1.0000000000000000E+0
- 6 1.0000000000000000E+0
- 7 2.0000000000000000E-1
- 8 2.0000000000000000E-1
- 9 2.0000000000000000E-1
- 10 1.0000000000000000E+0
- 11 1.0000000000000000E+0

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica E12CLSL13A0002</p>	<p>A</p>

12 -1.00000000000000E+0

LoadCaseCombination 20 "SLE\_RARA01"

- 2 1.00000000000000E+0
- 3 1.00000000000000E+0
- 4 1.00000000000000E+0
- 5 1.00000000000000E+0
- 6 1.00000000000000E+0
- 7 1.00000000000000E+0
- 8 1.00000000000000E+0
- 9 1.00000000000000E+0

LoadCaseCombination 21 "SLE\_RARA02"



- 2 1.00000000000000E+0
- 3 1.00000000000000E+0
- 4 1.00000000000000E+0
- 5 8.00000000000000E-1
- 6 1.00000000000000E+0
- 7 1.00000000000000E+0
- 9 1.00000000000000E+0

LoadCaseCombination 22 "SLE\_QPERM01"

- 2 1.00000000000000E+0
- 3 1.00000000000000E+0
- 4 1.00000000000000E+0
- 5 1.00000000000000E+0
- 6 1.00000000000000E+0

LoadCaseCombination 23 "SLE\_FREQ01"

- 2 1.00000000000000E+0

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL13A0002	A

3 1.000000000000000E+0  
4 1.000000000000000E+0  
5 8.000000000000000E-1  
6 1.000000000000000E+0  
7 7.500000000000000E-1  
9 7.500000000000000E-1

LoadCaseCombination 24 "SLU06"



2 1.350000000000000E+0  
3 1.500000000000000E+0  
4 1.350000000000000E+0  
5 1.350000000000000E+0  
6 1.350000000000000E+0  
7 1.500000000000000E+0  
8 1.500000000000000E+0

/ \_\_\_\_\_

/ RESULT CASE ENVELOPES

LoadCaseEnvelope "ENV\_SLU/SLV" Abs

ON 13  
ON 14  
ON 15  
ON 16  
ON 17  
ON 18  
ON 19  
ON 24

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

LoadCaseEnvelope "ENV\_SLU" Abs

ON 13

ON 14

ON 15

ON 16

ON 17

ON 24

LoadCaseEnvelope "ENV\_SLV" Abs

ON 17

ON 18

LoadCaseEnvelope "ENV\_SLER" Abs

ON 20

ON 21

LoadCaseEnvelope "ENV\_SLE F" Abs

ON 23

LoadCaseEnvelope "ENV\_SLEQP" Abs



ON 22

/ \_\_\_\_\_

/ COORDINATE SYSTEM DEFINITIONS

CoordSys 1 "Global XYZ" GlobalXYZ



CoordSys 2 "Global" GlobalXYZ

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

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/ NODE COORDINATES

Node	1	-2.95000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	2	-2.85000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	3	-2.75000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	4	-2.06000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	5	-1.38000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	6	-6.88000000000000E-1	0.00000000000000E+0	0.00000000000000E+0
Node	7	0.00000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	8	6.88000000000000E-1	0.00000000000000E+0	0.00000000000000E+0
Node	9	1.38000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	10	2.06000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	11	2.75000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	12	2.85000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	13	2.95000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
Node	14	-2.95000000000000E+0	1.25000000000000E-1	0.00000000000000E+0
Node	15	2.95000000000000E+0	1.25000000000000E-1	0.00000000000000E+0
Node	16	-2.95000000000000E+0	2.50000000000000E-1	0.00000000000000E+0
Node	17	2.95000000000000E+0	2.50000000000000E-1	0.00000000000000E+0
Node	18	-2.95000000000000E+0	5.28000000000000E-1	0.00000000000000E+0
Node	19	2.95000000000000E+0	5.28000000000000E-1	0.00000000000000E+0
Node	20	-2.95000000000000E+0	8.06000000000000E-1	0.00000000000000E+0
Node	21	2.95000000000000E+0	8.06000000000000E-1	0.00000000000000E+0
Node	22	-2.95000000000000E+0	1.08000000000000E+0	0.00000000000000E+0
Node	23	2.95000000000000E+0	1.08000000000000E+0	0.00000000000000E+0
Node	24	-2.95000000000000E+0	1.36000000000000E+0	0.00000000000000E+0
Node	25	2.95000000000000E+0	1.36000000000000E+0	0.00000000000000E+0
Node	26	-2.95000000000000E+0	1.64000000000000E+0	0.00000000000000E+0

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A



Node	27	2.950000000000000E+0	1.640000000000000E+0	0.000000000000000E+0
Node	28	-2.950000000000000E+0	1.920000000000000E+0	0.000000000000000E+0
Node	29	2.950000000000000E+0	1.920000000000000E+0	0.000000000000000E+0
Node	30	-2.950000000000000E+0	2.190000000000000E+0	0.000000000000000E+0
Node	31	2.950000000000000E+0	2.190000000000000E+0	0.000000000000000E+0
Node	32	-2.950000000000000E+0	2.470000000000000E+0	0.000000000000000E+0
Node	33	2.950000000000000E+0	2.470000000000000E+0	0.000000000000000E+0
Node	34	-2.950000000000000E+0	2.750000000000000E+0	0.000000000000000E+0
Node	35	2.950000000000000E+0	2.750000000000000E+0	0.000000000000000E+0

/ \_\_\_\_\_

/ BEAM ELEMENTS

Beam	1	2	2	1	2
Beam	2	2	2	2	3
Beam	3	2	2	3	4
Beam	4	2	2	4	5
Beam	5	2	2	5	6
Beam	6	2	2	6	7
Beam	7	2	2	7	8
Beam	8	2	2	8	9
Beam	9	2	2	9	10
Beam	10	2	2	10	11
Beam	11	2	2	11	12
Beam	12	2	2	12	13
Beam	13	2	3	1	14
Beam	14	2	3	14	16
Beam	15	2	3	16	18
Beam	16	2	3	18	20
Beam	17	2	3	20	22





GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica EI2CLSL13A0002	A

Beam	18	2	3	22	24
Beam	19	2	3	24	26
Beam	20	2	3	26	28
Beam	21	2	3	28	30
Beam	22	2	3	30	32
Beam	23	2	3	32	34
Beam	24	2	3	15	13
Beam	25	2	3	17	15
Beam	26	2	3	19	17
Beam	27	2	3	21	19
Beam	28	2	3	23	21
Beam	29	2	3	25	23
Beam	30	2	3	27	25
Beam	31	2	3	29	27
Beam	32	2	3	31	29
Beam	33	2	3	33	31
Beam	34	2	3	35	33

/ \_\_\_\_\_

/ BEAM SUPPORTS

BmSupport	1	0.000000000000000E+0	5.500000000000000E+3
BmSupport	2	0.000000000000000E+0	5.500000000000000E+3
BmSupport	3	0.000000000000000E+0	5.500000000000000E+3
BmSupport	4	0.000000000000000E+0	5.500000000000000E+3
BmSupport	5	0.000000000000000E+0	5.500000000000000E+3
BmSupport	6	0.000000000000000E+0	5.500000000000000E+3
BmSupport	7	0.000000000000000E+0	5.500000000000000E+3
BmSupport	8	0.000000000000000E+0	5.500000000000000E+3
BmSupport	9	0.000000000000000E+0	5.500000000000000E+3

GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 		
		Progetto	Lotto	Codifica
		IN17	12	EI2CLSL13A0002
				A

```

BmSupport      10  0.000000000000000E+0  5.500000000000000E+3
BmSupport      11  0.000000000000000E+0  5.500000000000000E+3
BmSupport      12  0.000000000000000E+0  5.500000000000000E+3

```

/ \_\_\_\_\_

/ NODE RESTRAINTS (ROTATION AS RADIAN)

/ Freedom

```

NdFreedom      2   1   1   DX
NdFreedom      2  13   1   DX

```

/ \_\_\_\_\_

/ BEAM GLOBAL DISTRIBUTED LOADS

/ PERM

```

BmDistLoadG    3   1   Y   1  -1.530000000000000E+1  -1.530000000000000E+1
0.000000000000000E+0  0.000000000000000E+0  0.00  0.00
BmDistLoadG    3   2   Y   1  -1.530000000000000E+1  -1.530000000000000E+1
0.000000000000000E+0  0.000000000000000E+0  0.00  0.00
BmDistLoadG    3   3   Y   1  -1.530000000000000E+1  -1.530000000000000E+1
0.000000000000000E+0  0.000000000000000E+0  0.00  0.00
BmDistLoadG    3   4   Y   1  -1.530000000000000E+1  -1.530000000000000E+1
0.000000000000000E+0  0.000000000000000E+0  0.00  0.00
BmDistLoadG    3   5   Y   1  -1.530000000000000E+1  -1.530000000000000E+1
0.000000000000000E+0  0.000000000000000E+0  0.00  0.00
BmDistLoadG    3   6   Y   1  -1.530000000000000E+1  -1.530000000000000E+1
0.000000000000000E+0  0.000000000000000E+0  0.00  0.00
BmDistLoadG    3   7   Y   1  -1.530000000000000E+1  -1.530000000000000E+1
0.000000000000000E+0  0.000000000000000E+0  0.00  0.00
BmDistLoadG    3   8   Y   1  -1.530000000000000E+1  -1.530000000000000E+1
0.000000000000000E+0  0.000000000000000E+0  0.00  0.00
BmDistLoadG    3   9   Y   1  -1.530000000000000E+1  -1.530000000000000E+1
0.000000000000000E+0  0.000000000000000E+0  0.00  0.00

```

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL13A0002	A

BmDistLoadG	3	10	Y	1	-1.53000000000000E+1	-1.53000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	3	11	Y	1	-1.53000000000000E+1	-1.53000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	3	12	Y	1	-1.53000000000000E+1	-1.53000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

/ \_\_\_\_\_

/ NODE FORCES

/ SPTSX



NdForce	4	1	5.47000000000000E+0	0.00000000000000E+0	0.00000000000000E+0
---------	---	---	---------------------	---------------------	---------------------

/ \_\_\_\_\_

/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPTSX

BmDistLoadG	4	13	X	2	2.09000000000000E+1	2.00000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	14	X	2	2.00000000000000E+1	1.90000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	15	X	2	1.90000000000000E+1	1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	16	X	2	1.71000000000000E+1	1.49000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	17	X	2	1.49000000000000E+1	1.28000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	18	X	2	1.28000000000000E+1	1.07000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	19	X	2	1.07000000000000E+1	8.54000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	20	X	2	8.54000000000000E+0	6.41000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

BmDistLoadG	4	21	X	2	6.41000000000000E+0	4.27000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	22	X	2	4.27000000000000E+0	2.14000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	4	23	X	2	2.14000000000000E+0	0.00000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

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/ NODE FORCES

/ SPTDX

NdForce	5	13			-5.47000000000000E+0	0.00000000000000E+0
0.00000000000000E+0						

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPTDX

BmDistLoadG	5	24	X	2	-2.00000000000000E+1	-2.09000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	25	X	2	-1.90000000000000E+1	-2.00000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	26	X	2	-1.71000000000000E+1	-1.90000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	27	X	2	-1.49000000000000E+1	-1.71000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	28	X	2	-1.28000000000000E+1	-1.49000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	29	X	2	-1.07000000000000E+1	-1.28000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	30	X	2	-8.54000000000000E+0	-1.07000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	31	X	2	-6.41000000000000E+0	-8.54000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL13A0002	A

BmDistLoadG	5	32	X	2	-4.27000000000000E+0	-6.41000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	33	X	2	-2.14000000000000E+0	-4.27000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	5	34	X	2	0.00000000000000E+0	-2.14000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

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/ NODE FORCES

/ SPACCSX

NdForce	7	1	9.61000000000000E-1	0.00000000000000E+0	0.00000000000000E+0
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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPACCSX

BmDistLoadG	7	13	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	14	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	15	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	16	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	17	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	18	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	19	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	7	20	X	1	3.84000000000000E+0	3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL13A0002	A

BmDistLoadG	7	21	X	1	3.840000000000000E+0	3.840000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	7	22	X	1	3.840000000000000E+0	3.840000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	7	23	X	1	3.840000000000000E+0	3.840000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00

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/ NODE FORCES

/ SPACCDX

NdForce	8	13	-9.610000000000000E-1	0.000000000000000E+0	0.000000000000000E+0
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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPACCDX

BmDistLoadG	8	24	X	1	-3.840000000000000E+0	-3.840000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	8	25	X	1	-3.840000000000000E+0	-3.840000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	8	26	X	1	-3.840000000000000E+0	-3.840000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	8	27	X	1	-3.840000000000000E+0	-3.840000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	8	28	X	1	-3.840000000000000E+0	-3.840000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	8	29	X	1	-3.840000000000000E+0	-3.840000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	8	30	X	1	-3.840000000000000E+0	-3.840000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	8	31	X	1	-3.840000000000000E+0	-3.840000000000000E+0
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL13A0002	A

BmDistLoadG	8	32	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	33	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	8	34	X	1	-3.84000000000000E+0	-3.84000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ ACC\_SOLINF

BmDistLoadG	9	1	Y	1	-6.42300000000000E+1	-6.42300000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	2	Y	1	-6.42300000000000E+1	-6.42300000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	3	Y	1	-6.42300000000000E+1	-6.42300000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	4	Y	1	-6.42300000000000E+1	-6.42300000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	5	Y	1	-6.42300000000000E+1	-6.42300000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	6	Y	1	-6.42300000000000E+1	-6.42300000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	7	Y	1	-6.42300000000000E+1	-6.42300000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	8	Y	1	-6.42300000000000E+1	-6.42300000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	9	Y	1	-6.42300000000000E+1	-6.42300000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	10	Y	1	-6.42300000000000E+1	-6.42300000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	9	11	Y	1	-6.42300000000000E+1	-6.42300000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

GENERAL CONTRACTOR



ALTA SORVEGLIANZA



	Progetto	Lotto	Codifica	
	IN17	12	EI2CLSL13A0002	A

BmDistLoadG            9    12    Y    1    -6.42300000000000E+1    -6.42300000000000E+1  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SISMA\_H

BmDistLoadG            10    13    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

BmDistLoadG            10    14    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

BmDistLoadG            10    15    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

BmDistLoadG            10    16    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

BmDistLoadG            10    17    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

BmDistLoadG            10    18    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

BmDistLoadG            10    19    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

BmDistLoadG            10    20    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

BmDistLoadG            10    21    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00



BmDistLoadG            10    22    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

BmDistLoadG            10    23    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

BmDistLoadG            10    24    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00

BmDistLoadG            10    25    X    1    2.97000000000000E+0    2.97000000000000E+0  
 0.00000000000000E+0    0.00000000000000E+0    0.00    0.00



GENERAL CONTRACTOR 		ALTA SORVEGLIANZA 			
		Progetto	Lotto	Codifica	
		IN17	12	EI2CLSL13A0002	A



BmDistLoadG	10	26	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	27	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	28	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	29	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	30	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	31	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	32	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	33	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	10	34	X	1	2.97000000000000E+0	2.97000000000000E+0
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPSSX

BmDistLoadG	11	13	X	1	1.78000000000000E+1	1.78000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	14	X	1	1.78000000000000E+1	1.78000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	15	X	1	1.78000000000000E+1	1.78000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	16	X	1	1.78000000000000E+1	1.78000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00
BmDistLoadG	11	17	X	1	1.78000000000000E+1	1.78000000000000E+1
0.00000000000000E+0	0.00000000000000E+0				0.00	0.00

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL13A0002</p>	<p>A</p>



BmDistLoadG	11	18	X	1	1.7800000000000000E+1	1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	11	19	X	1	1.7800000000000000E+1	1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	11	20	X	1	1.7800000000000000E+1	1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	11	21	X	1	1.7800000000000000E+1	1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	11	22	X	1	1.7800000000000000E+1	1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	11	23	X	1	1.7800000000000000E+1	1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00

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/ BEAM GLOBAL DISTRIBUTED LOADS

/ SPSDX

BmDistLoadG	12	24	X	1	-1.7800000000000000E+1	-1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	12	25	X	1	-1.7800000000000000E+1	-1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	12	26	X	1	-1.7800000000000000E+1	-1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	12	27	X	1	-1.7800000000000000E+1	-1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	12	28	X	1	-1.7800000000000000E+1	-1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	12	29	X	1	-1.7800000000000000E+1	-1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	12	30	X	1	-1.7800000000000000E+1	-1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00
BmDistLoadG	12	31	X	1	-1.7800000000000000E+1	-1.7800000000000000E+1
0.0000000000000000E+0	0.0000000000000000E+0				0.00	0.00

GENERAL CONTRACTOR 	ALTA SORVEGLIANZA 			
	Progetto IN17	Lotto 12	Codifica E12CLSL13A0002	A

BmDistLoadG	12	32	X	1	-1.780000000000000E+1	-1.780000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	33	X	1	-1.780000000000000E+1	-1.780000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00
BmDistLoadG	12	34	X	1	-1.780000000000000E+1	-1.780000000000000E+1
0.000000000000000E+0	0.000000000000000E+0				0.00	0.00

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/ BEAM PROPERTIES

BeamProp 2 "Fondazione"

MaterialName "Concrete:"

Modulus 3.360000000000000E+7

ShearMod 1.290000000000000E+7

Poisson 1.500000000000000E-1

UsePoisson TRUE

Density 2.500000000000000E+3

Expansion 1.000000000000000E-5

ThermalCond 1.370000000000000E+0

SpecificHeat 8.800000000000000E+2

Area 5.000000000000000E-1

MomentI11 1.040000000000000E-2

MomentI22 4.170000000000000E-2

MomentJ 1.000000000000000E-1

SectionType SolidRect



B 1.000000000000000E+0

D 5.000000000000000E-1

NonLinType Elasticplastic

Hardening Isotropic

BeamProp 3 "piedritti"

<p>GENERAL CONTRACTOR</p> 	<p>ALTA SORVEGLIANZA</p> 			
	<p>Progetto IN17</p>	<p>Lotto 12</p>	<p>Codifica EI2CLSL13A0002</p>	<p>A</p>

MaterialName "Rck"

Modulus 3.36000000000000E+7

ShearMod 1.29000000000000E+7

Poisson 1.50000000000000E-1

UsePoisson TRUE

Density 2.50000000000000E+3

Expansion 1.00000000000000E-5

ThermalCond 1.37000000000000E+0

SpecificHeat 8.80000000000000E+2

Area 4.00000000000000E-1

MomentI11 5.33000000000000E-3

MomentI22 3.33000000000000E-2

MomentJ 1.00000000000000E-1

SectionType SolidRect

B 1.00000000000000E+0

D 4.00000000000000E-1

NonLinType Elasticplastic

Hardening Isotropic