

COMMITTENTE



PROGETTAZIONE:



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U.O. INFRASTRUTTURE NORD

PROGETTO DEFINITIVO

**RADDOPPIO LINEA CODOGNO – CREMONA – MANTOVA
TRATTA PIADENA - MANTOVA**

IV - OPERE D'ARTE PRINCIPALI - Cavalcaferrovia

Nuovo cavalcaferrovia al km 78+061

Relazione di calcolo spalle e fondazioni

SCALA:

COMMESSA LOTTO FASE ENTE TIPO DOC. OPERA/DISCIPLINA PROGR. REV.

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1. **PREMESSA**

La presente relazione di calcolo viene emessa nell’ambito della redazione degli elaborati tecnici relativi al Progetto definitivo del Raddoppio Ferroviario Codogno-Cremona-Mantova e afferisce ai calcoli e alle verifiche strutturali della spalla del cavalcaferrovia denominato “NV30”.

L’opera ricade in zona sismica e sono state pertanto considerate le azioni derivanti dall’analisi sismica, secondo quanto previsto dal D.M. 17/01/18 e dalla Circolare Applicativa.

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2. DOCUMENTI DI RIFERIMENTO

2.1 NORMATIVA

Le analisi strutturali e le verifiche di sicurezza sono state effettuate in accordo con le seguenti normative.

- [1] LEGGE n. 1086 05.11.1971: “Norme per la disciplina delle opere in conglomerato cementizio armato, normale e precompresso ed a struttura metallica”.
- [2] Decreto Ministeriale del 17 gennaio 2018: “*Aggiornamento delle «Norme Tecniche per le Costruzioni»*”, G.U. Serie Generale n.42 del 20.02.2008, Supplemento Ordinario n.8.
- [3] Circolare 21 gennaio 2019 n.7 ” Istruzioni per l’applicazione dell’«Aggiornamento delle “Norme tecniche per le costruzioni”» di cui al decreto ministeriale 17 gennaio 2018”;
- [4] RFI DTC SI MA IFS 001 C del 21.12.2018 - “*Manuale di progettazione delle opere civili*”.
- [5] RFI DTC SI AM MA IFS 001 B del 21.12.2018 - “Manuale di progettazione delle opere civili – Sezione 1 - Ambiente”.
- [6] RFI DTC SI PS MA IFS 001 C del 21.12.2018 - “Manuale di progettazione delle opere civili – Sezione 2 – Ponti e Strutture”.
- [7] RFI DTC SI CS MA IFS 001 C del 21.12.2018 - “Capitolato generale tecnico di appalto delle opere civili”.
- [8] 1299/2014/UE Specifiche tecniche d'interoperabilità per il sottosistema “Infrastruttura” del sistema ferroviario dell'Unione Europea (18/11/2014);
- [9] Regolamento (UE) N. 1299/2014 della Commissione del 18 novembre 2014 relativo alle specifiche tecniche di interoperabilità per il sottosistema «infrastruttura» del sistema ferroviario dell'Unione europea, modificato dal Regolamento di esecuzione (UE) N° 2019/776 della Commissione del 16 maggio 2019;
- [10] UNI EN 1990: Eurocodice: Criteri generali di progettazione strutturale;
- [11] UNI EN 1991-1-1: Eurocodice 1 – Parte 1-1: Azioni in generale – Pesi per unità di volume, pesi propri e sovraccarichi variabili;
- [12] UNI EN 1991-1-4: Eurocodice 1. Azioni sulle strutture. Parte 1-4: Azioni in generale - Azioni del vento;

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- [13] UNI EN 1992-1-1: Eurocodice 2 – Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici;
- [14] UNI EN 1992-2: Eurocodice 2. Progettazione delle strutture di calcestruzzo. Parte 2: Ponti di calcestruzzo – Progettazione e dettagli costruttivi;
- [15] UNI EN 1997-1: Eurocodice 7 – Progettazione geotecnica – Parte 1: Regole generali;
- [16] UNI-EN 1998-1: Eurocodice 8: Progettazione delle strutture per la resistenza sismica. Parte 1: Regole generali, azioni sismiche e regole per gli edifici;
- [17] UNI EN 1998-5: Eurocodice 8 – Progettazione delle strutture per la resistenza sismica – Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici;
- [18] Legge. 2 febbraio 1974, n. 64. Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche;
- [19] UNI EN 1992-1-1 “Progettazione delle strutture di calcestruzzo”;
- [20] UNI EN 206-1-2016: Calcestruzzo. “Specificazione, prestazione, produzione e conformità”.

2.2 ELABORATI DI RIFERIMENTO

Pianta fondazione e sezione longitudinale	1:100	N	M	2	5	0	3	D	2	6	B	A	I	V	3	0	0	0	0	0	1	A
Pianta impalcato, prospetto e sezioni trasversali	1:100	N	M	2	5	0	3	D	2	6	B	A	I	V	3	0	0	0	0	0	2	A
Carpenteria spalla 1	1:50	N	M	2	5	0	3	D	2	6	B	B	I	V	3	0	0	4	0	0	1	A
Carpenteria spalla 2	1:50	N	M	2	5	0	3	D	2	6	B	B	I	V	3	0	0	4	0	0	2	A
Carpenteria pila 1	1:50	N	M	2	5	0	3	D	2	6	B	B	I	V	3	0	0	5	0	0	1	A
Carpenteria pila 2	1:50	N	M	2	5	0	3	D	2	6	B	B	I	V	3	0	0	5	0	0	2	A
Relazione geotecnica generale	1:50	N	M	2	5	0	3	D	2	6	G	E	G	E	0	0	0	6	0	0	1	A

3. UNITÀ DI MISURA

Le unità di misura usate nella presente relazione sono:

- lunghezze [m]
- forze [kN]
- momenti [kNm]
- tensioni [MPa]

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4. DESCRIZIONE DELL'OPERA

Le sottostrutture del cavalcavia in corrispondenza della spalla in esame sono rappresentate da:

1. spalla 1 (SP1);
2. spalla 2 (SP2);
3. 2 pile.

Si prevede l'impegno di isolatori sismici.

In particolar modo verrà analizzata la spalla avente un'altezza di terreno da estradosso plinto maggiore, essendo questo il caso più gravoso.

La carreggiata ha larghezza pari a 9,00 m, mentre la larghezza complessiva dell'impalcato è pari a 12,70 m. L'impalcato ha luce netta pari a 29,00 m, costante, ed è costituito da 4 travi prefabbricate in c.a.p. aventi sezione a V (precompressione a fili aderenti) solidarizzate tra loro mediante 2 traversi in testata e 3 traversi in campata, precompressi con barre post-tese, e una soletta superiore in c.a., gettata in opera.

Le travi sono poste ad interasse di 2,50 m; in prossimità degli appoggi hanno sezione ringrossata. Le travi hanno un'altezza pari ad 1,60 m ed una larghezza pari a 2,50 m. L'armatura di precompressione della trave è costituita da trefoli 0,6", aventi area nominale di 1,39 cm².

La spalla è caratterizzata da un'altezza massima pari a 10.90m dallo spiccatto di fondazione. Il muro frontale è alto 8.50m, spesso 1.80m e presenta una larghezza di 11.81m. Il muro paraghiaia ha uno spessore di 0.50m ed un'altezza massima di 2.40m.

La fondazione di tipo indiretto è costituita da un plinto su pali. La platea ha uno spessore 2.00m e presenta dimensioni in pianta 16.50x16.50 rispettivamente in direzione trasversale e longitudinale. La palificata si compone di 16 pali Ø 1500 di lunghezza 33m.

I due muri andatori hanno uno spessore di 1.40m.

Si riportano a seguire le immagini della carpenteria dell'opera in oggetto, per maggiori dettagli si rimanda agli elaborati grafici.

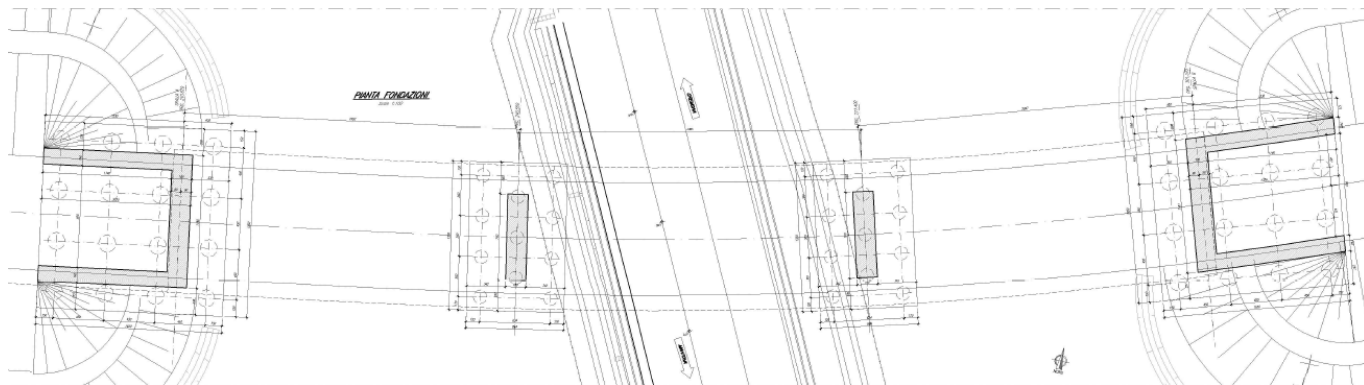


Figura 1 Pianta fondazioni

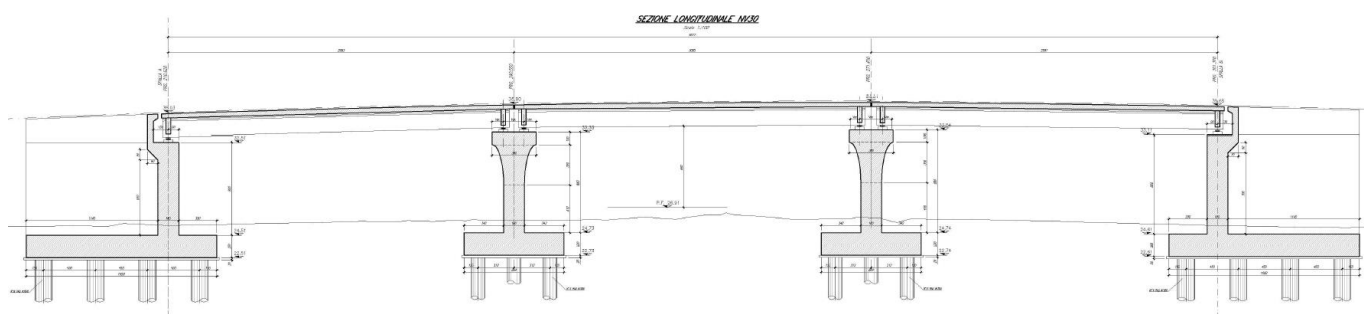


Figura 2 Profilo longitudinale

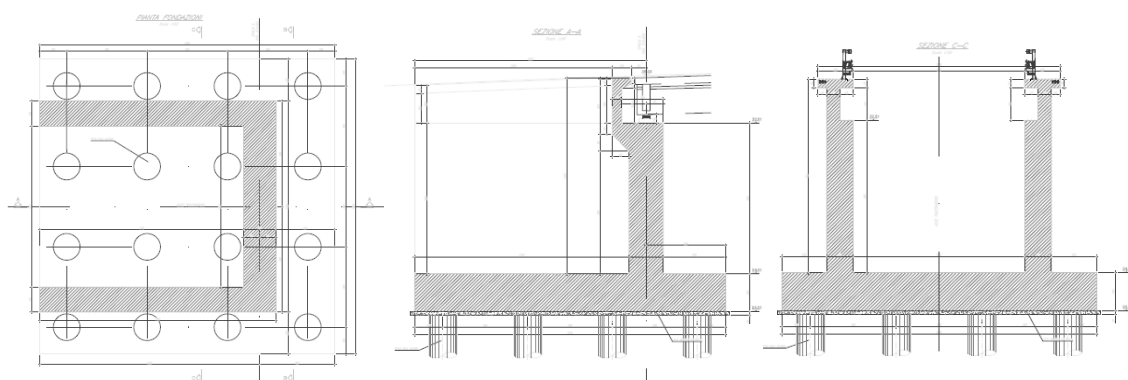


Figura 3 Carpenteria spalla 1

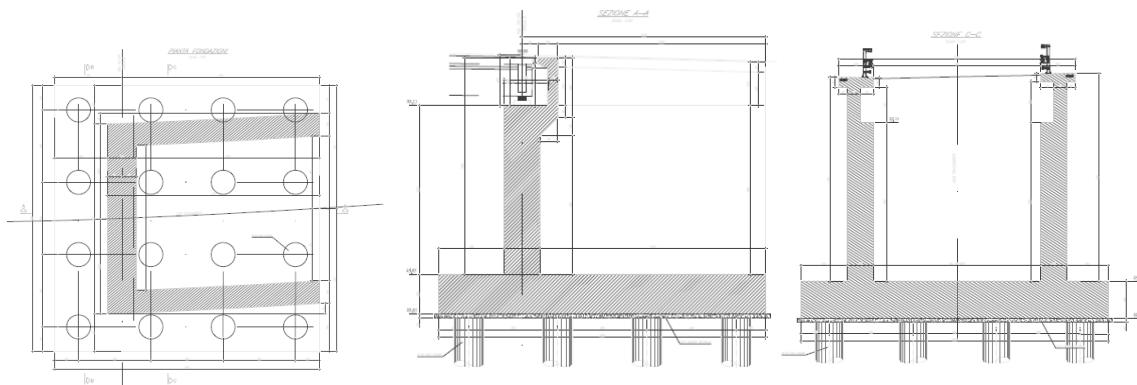


Figura 4 Carpenteria spalle 2

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5. CARATTERISTICHE DEI MATERIALI

5.1 CALCESTRUZZO

5.1.1 Strutture di elevazione

Per il getto degli elementi di elevazione della spalla si adotta un calcestruzzo con le caratteristiche riportate di seguito:

Classe d'esposizione: XC4

C32/40 $f_{ck} \geq 32$ MPa $R_{ck} \geq 40$ MPa

In accordo con le norme vigenti, risulta per il materiale in esame:

Resistenza caratteristica cubica a 28 giorni	R_{ck}	40	N/mm ²
Resistenza caratteristica cilindrica a 28 giorni	$f_{ck} = 0.83 R_{ck}$	33.20	N/mm ²
Valore medio della resistenza cilindrica	$f_{cm} = f_{ck} + 8$	41.20	N/mm ²
Resistenza di calcolo breve durata	$f_{cd} \text{ (Breve durata)} = f_{ck} / 1.5$	22.13	N/mm ²
Resistenza di calcolo lunga durata	$f_{cd} \text{ (Lungo durata)} = 0.85 f_{cd}$	18.81	N/mm ²
Resistenza media a trazione assiale	$f_{ctm} = 0.3 (f_{ck})^{2/3} \quad [R_{ck} < 50/60]$	3.10	N/mm ²
Resistenza caratteristica a trazione	$f_{ctk 0,05} = 0.7 f_{ctm}$	2.17	N/mm ²
Resistenza media a trazione per flessione	$f_{cfm} = 1.2 f_{ctm}$	3.72	N/mm ²
Resistenza di calcolo a trazione	$f_{ctd} = f_{ctk 0,05} / 1.5$	1.45	N/mm ²
Modulo di Young	$E = 22000 (f_{cm}/10)^{0.3}$	33643	N/mm ²

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5.1.2 Strutture di fondazione e pali di fondazione

Per il getto dei plinti di fondazioni e dei pali di fondazione si adotta un calcestruzzo con le caratteristiche riportate di seguito:

Classe d'esposizione: XC2

C25/30 $f_{ck} \geq 25$ MPa $R_{ck} \geq 30$ MPa

In accordo con le norme vigenti, risulta per il materiale in esame:

Resistenza caratteristica cubica a 28 giorni	R_{ck}	30	N/mm ²
Resistenza caratteristica cilindrica a 28 giorni	$f_{ck} = 0.83 R_{ck}$	24.90	N/mm ²
Valore medio della resistenza cilindrica	$f_{cm} = f_{ck} + 8$	32.90	N/mm ²
Resistenza di calcolo breve durata	$f_{cd} \text{ (Breve durata)} = f_{ck} / 1.5$	16.60	N/mm ²
Resistenza di calcolo lunga durata	$f_{cd} \text{ (Lungo durata)} = 0.85 f_{cd}$	14.11	N/mm ²
Resistenza media a trazione assiale	$f_{ctm} = 0.3 (f_{ck})^{2/3}$ [Rck<50/60]	2.56	N/mm ²
Resistenza caratteristica a trazione	$f_{ctk 0,05} = 0.7 f_{ctm}$	1.79	N/mm ²
Resistenza media a trazione per flessione	$f_{ctm} = 1.2 f_{ctm}$	3.07	N/mm ²
Resistenza di calcolo a trazione	$f_{ctd} = f_{ctk 0,05} / 1.5$	1.19	N/mm ²
Modulo di Young	$E = 22000 (f_{cm}/10)^{0.3}$	31447	N/mm ²

5.2 ACCIAIO PER CEMENTO ARMATO

Tipo	B450 (controllato in stabilimento)		
$f_{yk} =$	450 MPa	Tensione caratteristica di snervamento	
$f_{yd} = f_{yk} / 1.15 =$	391.30 MPa	Resistenza di calcolo	
$\sigma_s = 0.75 f_{yk} =$	337.50 MPa	Tensione limite in condizione di esercizio (comb. Rara)	
$E_s =$	210000 MPa	Modulo elastico	

5.3 COPRIFERRI MINIMI

Si riportano di seguito i copriferri minimi per le strutture in calcestruzzo armato:

Strutture di elevazione 5.0 cm

Plinto di fondazione 4.0 cm

Pali di fondazione 6.0 cm

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6. PARAMETRI SISMICI

Per la definizione dell'azione sismica occorre definire il periodo di riferimento P_{VR} in funzione dello stato limite considerato. La vita nominale (V_N) dell'opera è stata assunta pari a 50 anni. La classe d'uso assunta è la IV. Il periodo di riferimento (V_R) per l'azione sismica, data la vita nominale e la classe d'uso, vale:

$$V_R = V_N \times C_u = 50 \times 2 = 100 \text{ anni.}$$

Il valore di probabilità di superamento del periodo di riferimento P_{VR} , cui riferirsi per individuare l'azione sismica agente, è:

$$P_{VR} \text{ (SLV)} = 10\%.$$

Il periodo di ritorno dell'azione sismica T_R espresso in anni vale:

$$T_R \text{ (SLV)} = - \frac{V_r}{\ln(1 - P_{vr})} = 949 \text{ anni.}$$

Dato il valore del periodo di ritorno suddetto, tramite le tabelle riportate nell'Allegato B della norma o tramite la mappatura messa a disposizione in rete dall'Istituto Nazionale di Geofisica e Vulcanologia (INGV), è possibile definire i valori di a_g , F_0 , T^*c :

- $a_g \rightarrow$ accelerazione orizzontale massima del terreno su suolo di categoria A, espressa come frazione dell'accelerazione di gravità;
- $F_0 \rightarrow$ valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;
- $T^*c \rightarrow$ periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;
- $S \rightarrow$ coefficiente che comprende l'effetto dell'amplificazione stratigrafica (S_s) e dell'amplificazione topografica (S_t);

Il calcolo viene eseguito con il metodo pseudostatico (N.T.C. par. 7.11.6). In queste condizioni l'azione sismica è rappresentata da una forza statica equivalente pari al prodotto delle forze di gravità per un

I corrispondenti valori delle caratteristiche sismiche per lo SLV sono i seguenti:

$$\text{latitudine} = 45.146117;$$

longitudine = 10.689831;

a_g = 0.112 g;

F_0 = 2.579;

T^*c = 0.309 s.

Il sottosuolo su cui insiste l'opera ricade in categoria sismica "C" e categoria topografica "T1". I coefficienti di amplificazione stratigrafica e topografica risultano quindi:

S_s = 1.50;

S_T = 1.00.

a_{max} = 1.670 m/s².

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7. CARATTERIZZAZIONE GEOTECNICA

7.1 STRATIGRAFIA E PARAMETRI GEOTECNICI

Le caratteristiche geotecniche del terreno in situ, in accordo con Relazione Geotecnica, sono di seguito riportati:

Parametro:	Wa1	WRs2	Rs1	Rs2	Ra1
γ (kN/m ³)	19	19	19	19	19
ϕ' (°)	25	33	33	34	24
c' (kPa)	0	0	0	0	0
C_u (kPa)	80	-	-	-	70
G_0 (MPa)	30.0 fino a 2 m da pc 60.0 oltre 2 m da pc	60	85	120	80
E_0 (MPa)	75.0.0 fino a 2 m da pc 150.0 oltre 2 m da pc	150	212.5	300	200
E_{op1} (MPa)	7.5 fino a 2 m da pc 15.0 oltre 2 m da pc	15	21.3	30	20
E_{op2} (MPa)	15.0 fino a 2 m da pc 30.0 oltre 2 m da pc	30	42.5	60	40
OCR (-)	3	-	-	-	1
CR (-)	0.18	-	-	-	0.18
RR (-)	0.036	-	-	-	0.036
$C_{\alpha s}$ (%)	0.12	-	-	-	0.15
k_v (m/s)	5.00E-8	5.00E-7	5.00E-7	1.00E-6	1.00E-8

Tabella 1: Caratterizzazione geotecnica

UNITA' GEOTECNICA	DA	A	SPESSORE
(-)	(m pc)	(m pc)	(m)
Wa1	0	3	3
WRs2	3	4.2	1.2
Rs1	4.2	10.2	6
Rs2	10.2	18.5	8.3
Ra1	18.5	21	2.5
Rs2	21	35	14
La falda di progetto è a 1.5 m da pc			

Tabella 2 Stratigrafia di riferimento

I parametri geotecnici impiegati per il rilevato stradale sono:

$\gamma = 19.00 \text{ kN/m}^3$	peso di volume naturale
$\varphi' = 35^\circ$	angolo di resistenza al taglio
$c' = 0.00 \text{ kPa}$	coesione drenata

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8. ANALISI DEI CARICHI

L'analisi dei carichi che interessano la spalla in esame è stata effettuata considerando le azioni provenienti dall' impalcato afferente e quelle direttamente applicate sulla spalla.

I carichi trasmessi dall' impalcato sono relativi alle condizioni di carico elementari, opportunamente combinate secondo le vigenti normative, analizzate nel dettaglio nella relazione di calcolo dell'impalcato, a cui si rimanda per maggiori approfondimenti.

8.1 CARICHI PERMANENTI STRUTTURALI G₁

Nei carichi permanenti strutturali sono compresi il peso proprio della spalla, il peso del terreno compreso tra i muri andatori (nel caso di spalla aperta), il peso del terreno sulla zattera di valle ed i carichi permanenti strutturali trasmessi dall'impalcato. Si adotta un peso per unità di volume del calcestruzzo pari a 25 kN/m³.

I carichi permanenti strutturali trasmetti al piano di appoggio del muro frontale dall'impalcato sono esplicitati nella specifica relazione di calcolo, si rimanda al riepilogo dei carichi trasmessi dall'impalcato al paragrafo 8.14 della presente relazione.

8.2 CARICHI PERMANENTI NON STRUTTURALI G₂

I carichi permanenti non strutturali trasmessi al piano di appoggi del muro frontale dall'impalcato sono esplicitati nella specifica relazione di calcolo, si rimanda al riepilogo dei carichi trasmessi dall'impalcato al paragrafo 8.14 della presente relazione.

8.3 SPINTA DELLE TERRE G₃

Le spinte del terreno a monte degli elementi verticali della spalla sono calcolate con la teoria di Rankine, con distribuzione triangolare delle tensioni e conseguente risultante della spinta al metro pari a $S = \frac{1}{2} \cdot k_0 \cdot \gamma \cdot H^2$, applicata ad 1/3 dal basso.

Si deve notare che essendo presente una fondazione su pali si ipotizza che la spalla sia impedita di traslare rispetto al terreno. Si considera quindi il coefficiente di spinta a riposo.

Angolo di attrito terreno	Φ'	35.00 °
Coesione del terreno	c'	0.00 kPa
Peso per unità di volume del terreno	γ	19.00 kN/m ³

Coeff. di spinta in quiete $k_0=(1-\text{sen}\phi')$	k_0	0.426	-
Altezza terreno da estradosso plinto	H_{terreno}	10.90	m
Spessore plinto di fondazione	H_{plinto}	2.00	m
Altezza totale di spinta	H_{tot}	12.90	m
Spessore ricoprimento zattera di valle	H_{rinterro}	1.00	m
Pressione orizzontale efficace estradosso plinto	$\sigma'_{\text{or\_ter}}$	88.31	kPa
Pressione orizzontale efficace intradosso plinto	$\sigma'_{\text{or\_ter}}$	104.52	kPa
Pressione verticale efficace zattera di monte	$\sigma'_{\text{v\_riemp.}}$	207.10	kPa
Pressione verticale efficace zattera di valle	$\sigma'_{\text{v\_riemp.}}$	19.00	kPa
Spinta del terreno in cond. Statiche	$S_{\text{or\_ter}}$	674.13	kN/m

8.4 SPINTA DA SOVRACCARICO PERMANENTE

Per il sovraccarico permanente si considera un carico uniformemente distribuito in funzione del peso specifico e dello spessore della sovrastruttura stradale.

Il valore della spinta risultante al metro è dunque pari ad:

$$S = k_0 \cdot q \cdot H$$

Per il caso in esame si ottengono le seguenti sollecitazioni agenti:

Spessore sovrastruttura stradale	s	0.50	m
Peso specifico sovrastruttura stradale	γ	20.00	kN/m ³
Sovraccarico sovrastruttura stradale	q_{perm}	10.00	kPa
Pressione orizzontale per effetto della sovrastruttura stradale	$\sigma'_{\text{q.perm}}$	4.26	kPa
Spinta per effetto della sovrastruttura stradale (al metro)	$S_{\text{or\_q.perm}}$	55.01	kN/m

8.5 SPINTA DA SOVRACCARICO ACCIDENTALE

Si considera la presenza di un sovraccarico accidentale a tergo della spalla uniformemente distribuito e di intensità pari $q=20$ kPa.

Il valore della spinta risultante al metro è dunque pari ad:

$$S = k_0 \cdot q \cdot H$$

Per il caso in esame si ottengono le seguenti sollecitazioni agenti:

Sovraccarico accidentale uniformemente distribuito	q_{acc}	20.00	kPa
Pressione orizzontale per effetto degli accidentali	$\sigma'_{q,acc}$	8.53	kPa
Spinta per effetto degli accidentali (al metro)	$S_{or\_q,acc}$	110.02	kN/m

8.6 CARICHI ACCIDENTALI MOBILI Q1

Le spalle sono state progettate considerando le massime sollecitazioni dovute al carico stradale trasmesse dall'impalcato. I carichi mobili presi in considerazione sono quelli indicati dalla normativa per ponti di prima categoria. Sono definiti dagli schemi di carico convenzionali rappresentati nelle figure seguenti e disposti su corsie convenzionali. Il numero di colonne di carichi mobili considerate nel calcolo è quello massimo compatibile con la larghezza della carreggiata, comprese le eventuali banchine di rispetto e per sosta di emergenza, nonché gli eventuali marciapiedi non protetti e di altezza inferiore a 20cm, tenuto conto che la larghezza di ingombro convenzionale è stabilita per ciascuna colonna in 3.00m.

In accordo con la normativa sui ponti stradali (paragrafo 5.1.3.3.5 delle NTC18), si considera sulla sede stradale l'azione da traffico dello schema di carico riportato di seguito:

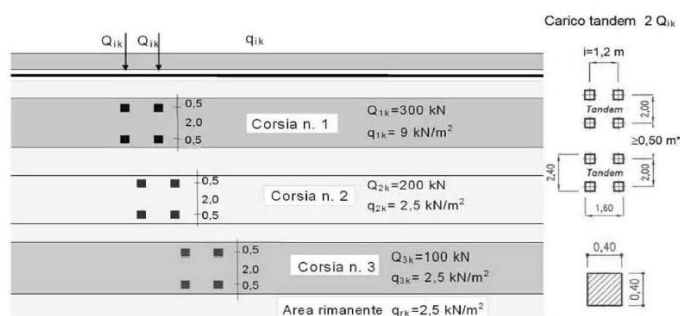


Figura 5 Schema di carico

Posizione	Carico asse Q_{ik} [kN]	q_{ik} [kN/m²]
Corsia Numero 1	300	9,00
Corsia Numero 2	200	2,50
Corsia Numero 3	100	2,50
Altre corsie	0,00	2,50

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Tabella 3 Intensità dei carichi Q_{ik} e q_{ik} per le diverse corsie

Per la definizione delle corsie convenzionali si è fatto riferimento al paragrafo 5.1.3.3.2 delle NTC18.

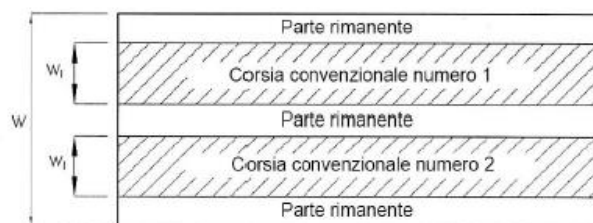


Figura 6 Numerazione delle corsie convenzionali

Larghezza della superficie carrabile "w"	Numero di corsie convenzionali	Larghezza di una corsia convenzionale [m]	Larghezza della zona rimanente [m]
$w < 5,40 \text{ m}$	$n_1 = 1$	3,00	$(w - 3,00)$
$5,4 \leq w < 6,0 \text{ m}$	$n_1 = 2$	$w/2$	0
$6,0 \text{ m} \leq w$	$n_1 = \text{Int}(w/3)$	3,00	$w - (3,00 \times n_1)$

Tabella 4 Numero e larghezza delle corsie

I carichi accidentali trasmessi al piano di appoggi del muro frontale dall'impalcato sono esplicitati nella specifica relazione di calcolo, si rimanda al riepilogo dei carichi trasmessi dall'impalcato al paragrafo 8.14 della presente relazione.

8.7 INCREMENTO DINAMICO ADDIZIONALE IN PRESENZA DI DISCONTINUITÀ STRUTTURALI Q2

I carichi mobili sopra valutati includono gli effetti dinamici per pavimentazioni di media rugosità. Non si registrano, nel caso in esame, casi particolari che rendano necessario considerare un coefficiente dinamico addizionale Q2.

8.8 AZIONE LONGITUDINALE DI FRENAMENTO O DI ACCELERAZIONE Q3

L'azione longitudinale di frenamento si assume agente nella direzione dell'asse della carreggiata ed applicata al livello del piano stradale. È funzione del carico verticale totale agente sulla corsia convenzionale n.1 ed è uguale a:

$$180 \text{ kN} \leq q_3 = 0.6 \cdot (2Q_{1k}) + 0.10 q_{1k} \cdot w_1 \cdot L \leq 900 \text{ kN}$$

L'azione longitudinale di frenamento trasmessa al piano di appoggi del muro frontale dall'impalcato è esplicitata nella specifica relazione di calcolo, si rimanda al riepilogo dei carichi trasmessi dall'impalcato al paragrafo 8.14 della presente relazione.

8.9 AZIONE CENTRIFUGA Q_4

L'azione centrifuga corrispondente ad ogni colonna di carico risulta funzione dei raggi di curvatura come mostrato nel prospetto seguente:

Raggio di curvatura R (m)	Q_4 (kN)
$R > 200$	$0,2 \cdot Q_v$
$200 \leq R < 1500$	$40 \cdot Q_v / R$
$R \geq 1500$	0
$Q_v = \sum 2 \cdot Q_{ik}$ = carico totale degli assi tandem dello schema di carico 1.	

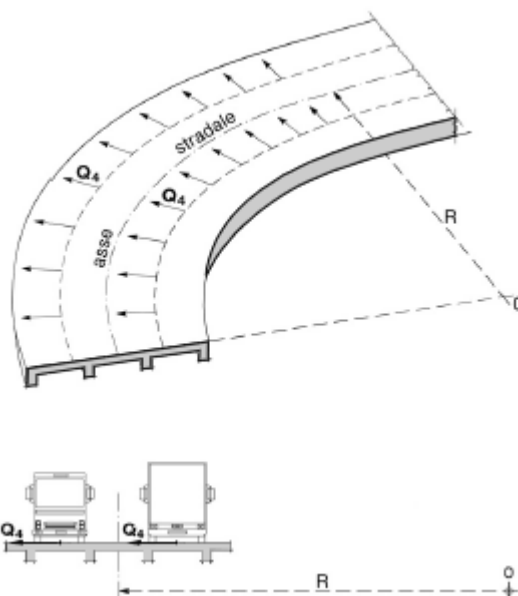


Figura 7 Valori caratteristici delle forze centrifughe - Tabella 5.1.III del D.M. 17 gennaio 2018

Il carico concentrato Q_4 , applicato a livello della pavimentazione, agisce in direzione normale all'asse del ponte. L'azione centrifuga si valuta convenzionalmente come indicato in Tab. 5.1.III delle NTC18 (paragrafo 5.1.3.6), essendo $Q_v = \sum 2Q_{ik}$ il carico totale dovuto agli assi tandem dello schema di carico 1 agenti sul ponte.

L'azione centrifuga trasmessa al piano di appoggi del muro frontale dall'impalcato è esplicitata nella specifica relazione di calcolo, si rimanda al riepilogo dei carichi trasmessi dall'impalcato al paragrafo 8.14 della presente relazione.

8.10 AZIONE DEL VENTO Q5

Il vento, la cui direzione si considera generalmente orizzontale, esercita sulle costruzioni azioni che variano nel tempo e nello spazio provocando, in generale, effetti dinamici.

Usualmente tali azioni sono convenzionalmente ricondotte ad azioni statiche equivalenti dirette secondo due assi principali della struttura, tali azioni esercitano normalmente all'elemento di parete o di copertura, pressioni e depressioni p (indicate rispettivamente con segno positivo e negativo) di intensità calcolate con la seguente espressione:

$$p = q_b c_e c_p c_d$$

- q_b = pressione cinetica di riferimento;
- c_e = coefficiente di esposizione;
- c_p = coefficiente di forma (o coefficiente aerodinamico);
- c_d = coefficiente dinamico.

ZONE 1,2,3,4,5						
	costa	mare	2 km	10 km	30 km	500m
						750m
A	--	IV	IV	V	V	V
B	--	III	III	IV	IV	IV
C	--	*	III	III	IV	IV
D	I	II	II	II	III	**
* Categoria II in zona 1,2,3,4 Categoria III in zona 5						
** Categoria III in zona 2,3,4,5 Categoria IV in zona 1						

Figura 8 Definizione della categoria di esposizione

Categoria di esposizione del sito	k_t	z_0 [m]	z_{min} [m]
I	0,17	0,01	2
II	0,19	0,05	4
III	0,20	0,10	5
IV	0,22	0,30	8
V	0,23	0,70	12

Tabella 5 Schema per la definizione della categoria di esposizione – cfr. NTC18

La pressione del vento è stata calcolata ai sensi delle NTC 2018; la normativa suddivide il territorio italiano in zone per le quali sono assegnati i parametri di base $v_{b,0}$, a_0 , k_s . Con riferimento a tali parametri è possibile calcolare la velocità di riferimento v_b , vale a dire il valore caratteristico della velocità del vento a 10 m dal suolo su un terreno di categoria di esposizione II, mediata su dieci minuti e riferita ad un periodo di ritorno di 50 anni v_b .

Tab. 3.3.I - Valori dei parametri $v_{b,0}$, a_0 , k_s

Zona	Descrizione	$v_{b,0}$ [m/s]	a_0 [m]	k_s
1	Valle d'Aosta, Piemonte, Lombardia, Trentino Alto Adige, Veneto, Friuli Venezia Giulia (con l'eccezione della provincia di Trieste)	25	1000	0,40
2	Emilia Romagna	25	750	0,45
3	Toscana, Marche, Umbria, Lazio, Abruzzo, Molise, Puglia, Campania, Basilicata, Calabria (esclusa la provincia di Reggio Calabria)	27	500	0,37
4	Sicilia e provincia di Reggio Calabria	28	500	0,36
5	Sardegna (zona a oriente della retta congiungente Capo Teulada con l'Isola di Maddalena)	28	750	0,40
6	Sardegna (zona a occidente della retta congiungente Capo Teulada con l'Isola di Maddalena)	28	500	0,36
7	Liguria	28	1000	0,54
8	Provincia di Trieste	30	1500	0,50
9	Isole (con l'eccezione di Sicilia e Sardegna) e mare aperto	31	500	0,32

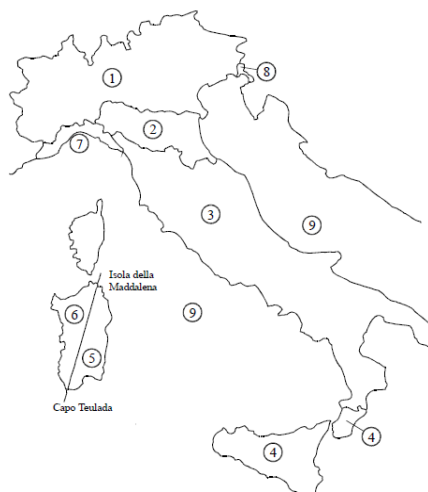


Figura 3.3.1 – Mappa delle zone in cui è suddiviso il territorio italiano

Figura 9 Mappa delle zone in cui è suddiviso il territorio italiano e valori dei parametri di riferimento (tab. 3.3.I NTC2018)

I dettagli del calcolo sono di seguito riportati:

Zona - Regione	Zona	[-]	1
Velocità di riferimento - Valore caratteristico	$v_{b,0}$	[m/s]	25
Parametro legato all'altitudine della zona	a_0	[m]	1000
Parametro funzione della zona	k_s	[1/s]	0.40
Altitudine	a_s	[m]	30
Velocità di riferimento per un periodo di ritorno di 50 anni	v_b	[m/s]	25
Tempo di ritorno	T_R	[anni]	50
Coefficiente correttivo per il tempo di ritorno	C_R	[-]	1.00
Velocità di riferimento per il periodo di ritorno definito	$v_r(T_R)$	[m/s]	25.02

Densità dell'aria	ρ	[kg/m ³]	1.25
Pressione cinetica di riferimento	q_b	[N/m ²]	391.20

8.10.1 Categoria di esposizione

Il coefficiente di esposizione c_s dipende dall'altezza della costruzione z sul suolo del punto considerato, dalla rugosità e dalla topografia del terreno, dalla categoria di esposizione del sito ove sorge la costruzione.

Il coefficiente di esposizione c_e varia lungo la quota fuori terra (z) della costruzione ed è dato dalla formula:

$$c_e(z) = k_r^2 \cdot c_t \cdot \ln\left(\frac{z}{z_0}\right) \left[7 + c_t \cdot \ln\left(\frac{z}{z_0}\right) \right] \quad \text{per } z > z_{\min}$$

$$c_e(z) = c_e(z_{\min}) \quad \text{per } z < z_{\min}$$

Dove:

k_r , z_0 , $z_{\min}$ sono assegnati in funzione della categoria di esposizione del sito ove sorge la costruzione;

z è l'altezza della struttura (somma dell'altezza della barriera antirumore e del rilevato su cui è installata);

c_t è il coefficiente di topografia.

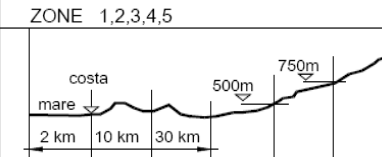
In mancanza di analisi che tengano conto sia della direzione di provenienza del vento sia delle variazioni di rugosità del terreno, la categoria di esposizione è assegnata in funzione della posizione geografica del sito ove sorge la costruzione e della classe di rugosità del terreno.

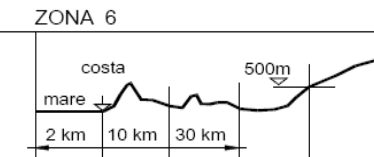
Nelle fasce entro i 40 km dalla costa delle zone 1, 2, 3, 4, 5, e 6, la categoria di esposizione è indipendente dall'altitudine del sito.

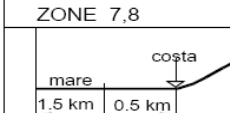
Tabella 3.3.III - Classi di rugosità del terreno

Classe di rugosità del terreno	Descrizione
A	Aree urbane in cui almeno il 15% della superficie sia coperto da edifici la cui altezza media superi i 15m
B	Aree urbane (non di classe A), suburbane, industriali e boschive
C	Aree con ostacoli diffusi (alberi, case, muri, recinzioni,...); aree con rugosità non riconducibile alle classi A, B, D
D	Aree prive di ostacoli (aperta campagna, aeroporti, aree agricole, pascoli, zone paludose o sabbiose, superfici innevate o ghiacciate, mare, laghi,...)

L'assegnazione della classe di rugosità non dipende dalla conformazione orografica e topografica del terreno. Affinché una costruzione possa dirsi ubicata in classe A o B è necessario che la situazione che contraddistingue la classe permanga intorno alla costruzione per non meno di 1 km e comunque non meno di 20 volte l'altezza della costruzione. Laddove sussistano dubbi sulla scelta della classe di rugosità, a meno di analisi dettagliate, verrà assegnata la classe più sfavorevole.

ZONE 1,2,3,4,5						
						
A	--	IV	IV	V	V	V
B	--	III	III	IV	IV	IV
C	--	*	III	III	IV	IV
D	I	II	II	II	III	**
* Categoria II in zona 1,2,3,4 Categoria III in zona 5						
** Categoria III in zona 2,3,4,5 Categoria IV in zona 1						

ZONA 6					
					
A	--	III	IV	V	V
B	--	II	III	IV	IV
C	--	II	III	III	IV
D	I	I	II	II	III

ZONE 7,8			
			
A	--	--	IV
B	--	--	IV
C	--	--	III
D	I	II	*
* Categoria II in zona 8 Categoria III in zona 7			

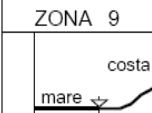
ZONA 9		
		
A	--	I
B	--	I
C	--	I
D	I	I

Tabella 3.3.II – Parametri per la definizione del coefficiente di esposizione

Categoria di esposizione del sito	k_r	z_0 [m]	z_{min} [m]
I	0,17	0,01	2
II	0,19	0,05	4
III	0,20	0,10	5
IV	0,22	0,30	8
V	0,23	0,70	12

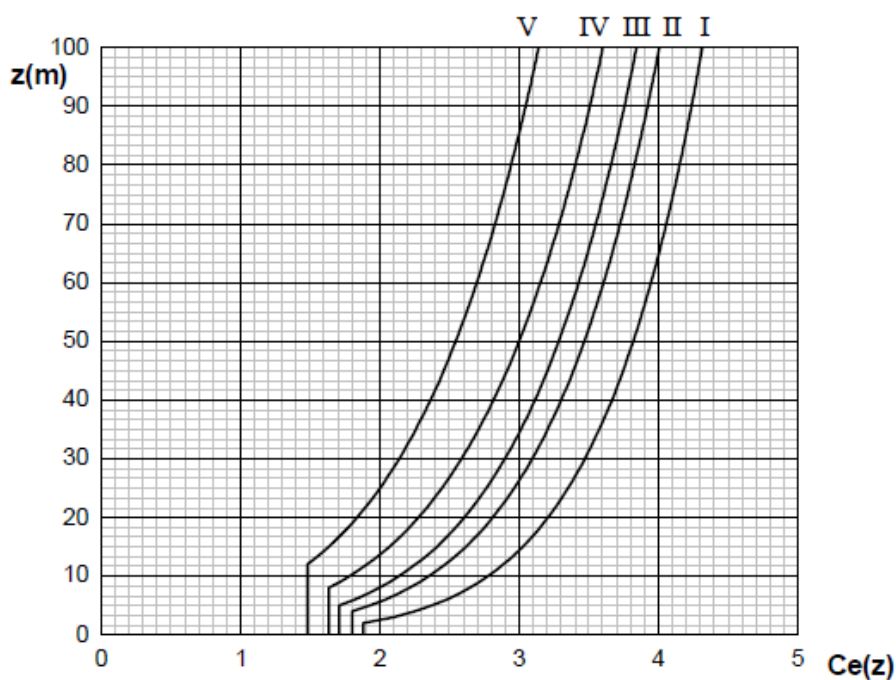


Figura 3.3.3 - Andamento del coefficiente di esposizione c_e con la quota (per $c_t = 1$)

Classe di rugosità del terreno	Classe _{rug}	[-]	C
Categoria di esposizione del sito	Cat _{esp}	[-]	III
Parametri per la definizione del coeff. di esposizione	k_r	[-]	0.20
	z_0	[m]	0.10
	z_{min}	[m]	5.00

Tabella 6 Categoria di esposizione

$$c_{e(10m)}=2.55$$

 ITALFERR GRUPPO FERROVIE DELLO STATO ITALIANE	RADDOPPIO LINEA CODOGNO – CREMONA – MANTOVA TRATTA PIADENA - MANTOVA					
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8.10.2 Coefficienti dinamico

Il coefficiente dinamico c_d permette di tenere in conto degli effetti riduttivi associati alla non contemporaneità delle massime pressioni locali e degli effetti amplificativi dovuti alle vibrazioni strutturali.

Nelle strutture analizzate viene considerato cautelativamente un coefficiente dinamico pari a $c_d = 1.0$.

8.10.3 Coefficiente di topografia

Nelle strutture analizzate viene considerato un coefficiente di topografia unitario.

8.10.4 Coefficiente di forma

Secondo le indicazioni della Circolare del 21/01/2019 “Istruzioni per l'applicazione delle “Norme tecniche per le costruzioni” di cui al D.M. del 17/01/2018” (par. C3.3.8.6.1), e considerando travi ad anima piena per cui il rapporto tra la superficie delimitata dal contorno della trave e la superficie della parte piena della trave, $j = 1$, si determina il coefficiente aerodinamico per l'impalcato: $c_p = 2,4 - j = 1,40$.

8.10.5 Pressione del vento

q_b	0.391	kN/m ²	
C_e	2.55		Coefficiente di esposizione calcolato per $z = 7m$
C_p	1.4		Coefficiente di forma
C_d	1		Coefficiente dinamico
P	1.39	kN/m ²	Pressione del vento

L'azione del vento viene assimilata a un carico orizzontale statico con direzione perpendicolare all'asse del ponte. Tale azione agisce sulla proiezione nel piano verticale delle superfici degli elementi strutturali del ponte direttamente investite e su una parete rettangolare continua verticale alta 3,00 m, che convenzionalmente rappresenta i carichi che transitano sul ponte, come mostrato nella Figura riportata di seguito.

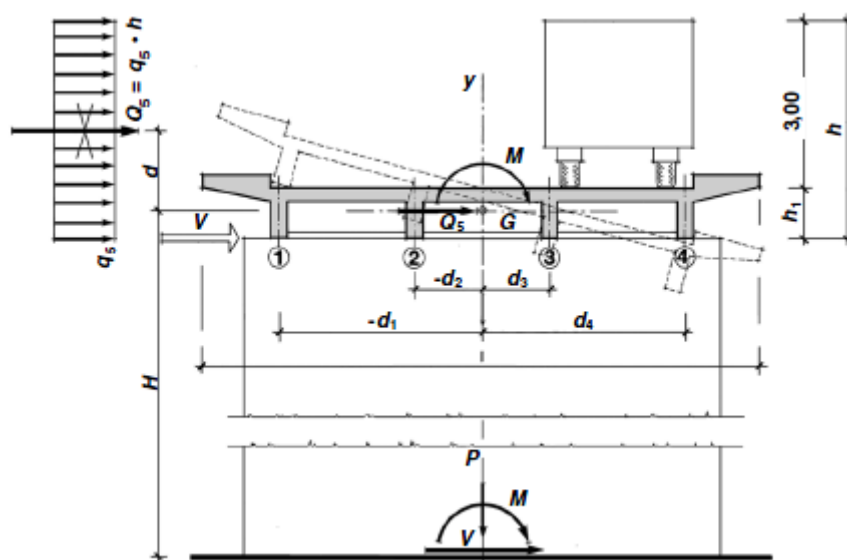


Figura 10: Direzione dell'azione del vento sul ponte

Vento trasmesso dall'impalcato a ponte carico

Il carico trasversale, per unità di lunghezza, è pari a:

$$q_{\text{vento1}} = (H_{\text{trave}} + H_{\text{soletta}}) \cdot p$$

$$q_{\text{vento2}} = (H_{\text{carico}}) \cdot p$$

dove:

q_{vento1} è il carico trasversale dovuto al vento sull'impalcato;

q_{vento2} è il carico trasversale dovuto al vento sulla superficie trasversale dei carichi transitanti, che da normativa si assimila ad una parete rettangolare continua dell'altezza di 3m a partire dal piano stradale.

Le risultanti trasversali totali indotte dal vento sull'impalcato, sono pari a:

$$T_{\text{trasv1}} = q_{\text{vento1}} \cdot L$$

$$T_{\text{trasv2}} = q_{\text{vento2}} \cdot L$$

$$T_{\text{trasv_ponte carico}} = (T_{\text{trasv1}} + T_{\text{trasv2}})$$

Il baricentro dell'azione del vento rispetto a quota estradosso sottostrutture risulta pari a:

$$e_{v1} = d + [(H_{\text{trave}} + H_{\text{soletta}})/2]$$

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$$e_{v2} = d + (H_{trave} + H_{soletta}) + (3m / 2)$$

dove:

d = distanza tra intradosso trave e estradosso sottostrutture (in metri).

L'impalcato trasmette quindi alla sottostruttura un momento pari a:

$$M_{vento\_ponte\ carico} = T_{trasv1} \cdot e_{v1} + T_{trasv2} \cdot e_{v2}$$

Vento trasmesso dall'impalcato a ponte scarico

Il carico trasversale, per unità di lunghezza, è pari a:

$$q_{vento1} = (H_{trave} + H_{soletta} + H_{barriera}) \cdot p$$

dove:

q_{vento1} è il carico trasversale dovuto al vento sull'impalcato e sulla barriera di protezione.

La risultante trasversale totale indotta dal vento sull'impalcato, risulta pari a:

$$T_{trasv1} = q_{vento1} \cdot L$$

$$T_{trasv\_ponte\ scarico} = T_{trasv1}$$

Il baricentro dell'azione del vento rispetto a quota estradosso sottostruttura risulta pari a:

$$e_{v1} = d + [(H_{trave} + H_{soletta} + H_{barriera}) / 2]$$

L'impalcato trasmette quindi alla sottostruttura un momento pari a:

$$M_{vento\_ponte\ scarico} = T_{trasv1} \cdot e_{v1}$$

I carichi del vento trasmessi al piano di appoggi del muro frontale dall'impalcato sono esplicitati nella specifica relazione di calcolo, si rimanda al riepilogo dei carichi trasmessi dall'impalcato al paragrafo 8.14 della presente relazione.

8.11 URTO DA TRAFFICO VEICOLARE Q8

In assenza di specifiche prescrizioni, nel progetto strutturale dei ponti si può tener conto delle forze causate da collisioni accidentali sugli elementi di sicurezza attraverso una forza orizzontale equivalente di collisione pari a 100 kN. Essa rappresenta l'effetto dell'impatto da trasmettere ai vincoli e deve essere

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considerata agente trasversalmente ed orizzontalmente 100 mm sotto la sommità dell'elemento o 1.0 m sopra il livello del piano di marcia, a seconda di quale valore sia più piccolo.

8.12 RESISTENZE PASSIVE DEI VINCOLI Q9

Le resistenze parassite dei vincoli sono valutate assumendo un coefficiente di attrito proporzionale all'intensità del carico verticale secondo le indicazioni fornite dalla norma "CNR 10018/99". Cautelativamente, si considerano delle forze generate da un attrito pari al 5%.

Le resistenze passive dei vincoli trasmesse al piano di appoggi del muro frontale dall'impalcato sono esplicitate nella specifica relazione di calcolo, si rimanda al riepilogo dei carichi trasmessi dall'impalcato al paragrafo 8.14 della presente relazione.

8.13 AZIONE SISMICHE E

Per il calcolo dell'azione sismica si è utilizzato il metodo dell'analisi pseudo-statica in cui l'azione sismica è rappresentata da una forza statica equivalente pari al prodotto delle forze di gravità per un opportuno coefficiente sismico k .

8.13.1 Spinta sismica del terreno

Per il calcolo della spinta del terreno sulle opere di sostegno, occorre tenere presente che la mobilitazione della spinta attiva avviene per spostamenti di entità contenuta, come si evince dalla seguente tabella desunta dall'EC7 - Parte 1 - Annesso C (C.3 "Movements to mobilise limit earth pressures):

Table C.1 — Ratios v_a/h

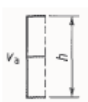
Kind of wall movement		v_a/h loose soil %	v_a/h dense soil %
a)		0,4 to 0,5	0,1 to 0,2
b)		0,2	0,05 to 0,1
c)		0,8 to 1,0	0,2 to 0,5
d)		0,4 to 0,5	0,1 to 0,2
where: v_a is the wall motion to mobilise active earth pressure h is the height of the wall			

Figura 11: Valori di riferimento per la mobilitazione della spinta attiva

In condizioni sismiche, l'entità degli spostamenti dipende principalmente dall'intensità dell'azione sismica e dalla rigidità del sistema pali-terreno; pertanto, la possibilità di ammettere la mobilitazione della spinta attiva è subordinata alla valutazione degli spostamenti dell'opera e potrà essere valutata caso per caso. Cautelativamente, la valutazione degli spostamenti, da effettuarsi calcolando le spinte come somma della spinta attiva in condizioni statiche e dell'incremento di spinta attiva in condizioni sismiche, sarà riferita alla base dell'opera (i.e. alla sommità della palificata) e il confronto con i valori di riferimento per la mobilitazione della spinta attiva sarà effettuato in accordo con lo schema b) della tabella estratta dall'EC7 per terreni addensati (rilevati stradali e ferroviari). L'altezza h rispetto alla quale effettuare la verifica corrisponde all'altezza totale dell'opera su cui agisce la spinta del terreno, comprensiva dello spessore della fondazione.

Qualora, a seguito della verifica dell'entità degli spostamenti, non ricorressero le condizioni di spinta attiva, si procederà al calcolo delle spinte considerando la somma della spinta statica a riposo e dell'incremento di spinta sismica valutata con la teoria di Wood, secondo le indicazioni contenute nell'EC8 – Parte 5 – Annesso E (E.9 “Force due to earth pressure for rigid structures”).

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Qualora, a seguito della verifica dell'entità degli spostamenti, ricorressero le condizioni di spinta attiva, si confermerà la correttezza dell'ipotesi di calcolo delle spinte in condizioni sismiche secondo la formulazione di Mononobe-Okabe.

Di seguito la sintesi dei risultati ottenuti dal modello FEM, in termini di spostamenti dell'opera in funzione dell'altezza (altezza tot. dell'opera su cui agisce la spinta del terreno comprensiva dello spessore della fondazione).

Altezza del muro	h_{tot}	12.90	m
Spostamento sommità palificata	s_{max}	0.009	m
Valutazione rapporto	s_{max}/h_{tot} :	0.00070	-
	s_{max}/h_{tot} :	0.070	%

Il rapporto dedotto rientra nel range di riferimento degli spostamenti che mobilitano la spinta attiva.

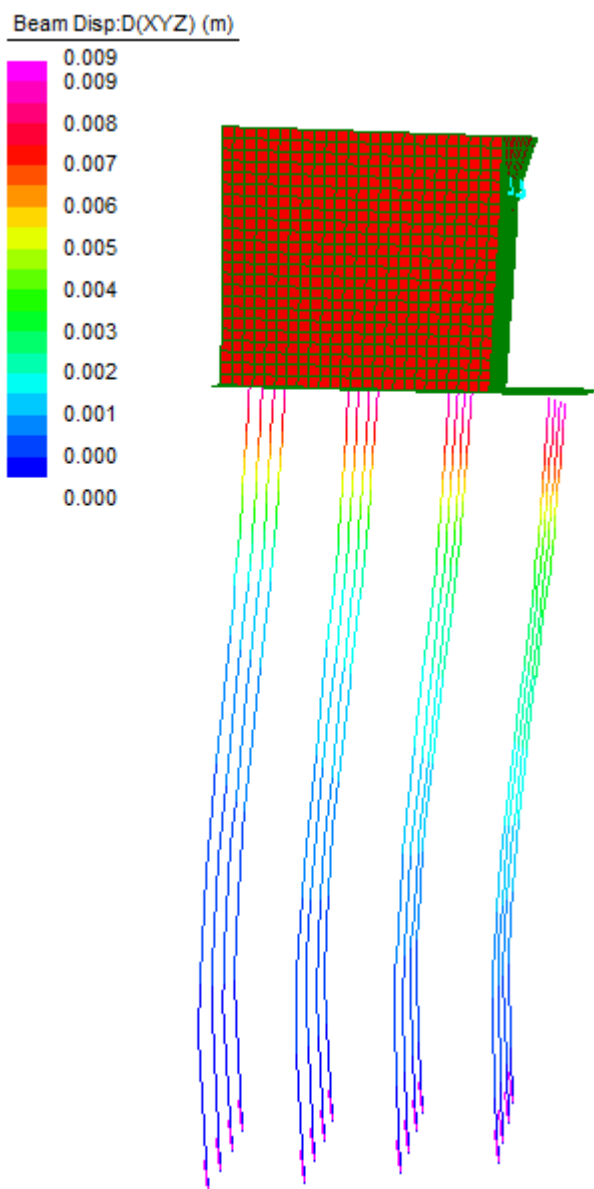


Figura 12: Valutazione spostamenti dell'opera

Quindi, in condizioni sismiche la spinta del terreno è stata calcolata sulla base della teoria di Mononobe-Okabe, secondo la formulazione riportata di seguito ed applicata con distribuzione triangolare delle tensioni sulla spalla:

$$S = \frac{1}{2} \cdot k_{a,E} \cdot g \cdot H^2 \cdot (1 \pm k_v)$$

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dove:

k_v : coefficiente sismico verticale assunto pari a $0.5k_h$, con k_h coefficiente sismico orizzontale, la cui valutazione è effettuata, in accordo con quanto prescritto nel DM 14.1.2008 – par.7.11.6.2.1.

$K_{a,E}$: coefficiente di spinta sismica secondo Mononobe-Okabe, valutato secondo quanto riportato di seguito:

$$K_{a,E} = \frac{\sin^2(\alpha + \varphi - \theta)}{\cos \theta \cdot \sin^2 \alpha \cdot \sin(\alpha - \delta - \theta) \left[1 + \sqrt{\frac{\sin(\varphi + \delta) \cdot \sin(\varphi - \beta - \theta)}{\sin(\alpha - \delta - \theta) \cdot \sin(\alpha + \beta)}} \right]^2} \quad \text{con } \beta \leq \varphi - \theta$$

$$K_{a,E} = \frac{\sin^2(\alpha + \varphi - \theta)}{\cos \theta \cdot \sin^2 \alpha \cdot \sin(\alpha - \delta - \theta)} \quad \text{con } \beta > \varphi - \theta$$

con:

α : inclinazione parete interna paramento (lato monte) rispetto all'orizzontale

Φ : angolo attrito terreno lato monte

δ : angolo attrito terreno-muro

β : inclinazione terreno di monte rispetto all'orizzontale

θ : angolo valutato in funzione dei coefficienti sismici orizzontale e verticale ($\pm$), come da formulazioni di seguito:

$$\theta_A = \text{atn} \left(\frac{k_h}{1 + k_v} \right) \quad \theta_B = \text{atn} \left(\frac{k_h}{1 - k_v} \right)$$

La sovraspinta sismica è applicata ad una quota pari ad $H/2$.

Di seguito si fornisce la sintesi del calcolo dei parametri sopra elencati, per la determinazione del valore di spinta secondo Mononobe-Okabe.

Accelerazione sismica SLV	a_g	0.112	g
Coeff. Per effetto amplificazione stratigrafica	S_s	1.5	-
Coeff. Per effetto amplificazione topografica	S_T	1.00	-

Coefficiente di riduzione dell'accelerazione massima	β_m	1.00	-
Coefficiente kh sismico spinta orizzontale: $\beta_m \cdot S_S \cdot S_T \cdot A_g / g$	k_h	0.17	-
Coefficiente kh sismico spinta verticale	k_v	0.08	-
Coefficiente sismico kas+	k_{as+}	0.394	-
Coefficiente sismico kas-	k_{as-}	0.363	-
Pressione sismica orizzontale	$\Delta \sigma_{sisma} = \sigma_{sisma \text{ M-O}} - \sigma'_{or\_ter}$	30.15	kPa
Sovrappinta sismica orizzontale (forza al metro)	$\Delta S_{sisma} = S_{sisma \text{ M-O}} - S_{or\_ter}$	194.50	kN/m
Sovrappinta sismica orizzontale (forza al metro)_SUL PARAMENTO	$\Delta S_{sisma\_PAR} = S_{sisma \text{ M-O\_PAR}} - S_{or\_ter\_PAR}$	220.46	kN/m

8.13.2 Forze inerziali dovute al sisma

In condizioni sismiche si devono considerare le azioni orizzontali agenti sulla spalla dovute all'inerzia degli elementi strutturali dell'opera e del terreno. Tale risultante è pari ad:

$$F_h = k_h \cdot W$$

dove:

$$k_h = \beta_m \cdot a_g \cdot S$$

a_g è la massima accelerazione dello spettro orizzontale elastico del sito, calcolata per il 10% di probabilità di superamento nel periodo di riferimento VR assegnato;

S è il coefficiente di sottosuolo pari al prodotto del coefficiente di amplificazione stratigrafica S_s e del coefficiente di amplificazione topografica S_T (§ 3.2.3 delle NTC).

β_m è pari ad 1 non essendo la spalla libera di traslare rispetto al terreno.

Gli effetti dell'azione sismica sono stati valutati tenendo conto delle masse associate ai seguenti carichi gravitazionali:

$$G_1 + G_2 + \psi_{2j} Q_{kj}$$

Dove nel caso specifico si assumerà, per i carichi dovuti al transito dei mezzi, $\psi_{2j} = 0.2$.

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Le forze d'inerzia associate ai carichi permanenti strutturali e non strutturali e ai carichi accidentali trasmessi dall'impalcato sono esplicitati nella specifica relazione di calcolo, si rimanda al riepilogo dei carichi trasmessi dall'impalcato al paragrafo 8.14 della presente relazione.

8.14 RIEPILOGO DEI CARICHI TRASMESSI DALL'IMPALCATO

Si riporta di seguito un prospetto riepilogativo di tutte le azioni trasmesse dall'impalcato alla spalla in corrispondenza della sommità del muro di testata.

Per le azioni sismiche trasmesse dall'impalcato si evidenzia che oltre alla massa efficace dell'impalcato, è stata considerata un'aliquota pari al 20% del carico dovuto ai carichi da traffico.

CASI DI CARICO		ISOLATORI 1			ISOLATORI 2			ISOLATORI 3			ISOLATORI 4		
Sigla	Tipologia	N	Ht	HI	N	Ht	HI	N	Ht	HI	N	Ht	HI
-	-	kN	kN	kN	kN	kN	kN	kN	kN	kN	kN	kN	kN
G1	Carichi permanenti strutturali	760	0	0	496	0	0	496	0	0	760	0	0
G2	Carichi permanenti non strutturali	139	0	0	139	0	0	139	0	0	139	0	0
Q1	Carichi mobili	1220	0	0	1116	0	0	806	0	0	494	0	0
Q3	Frenamento	0	0	55	0	0	55	0	0	55	0	0	55
Q5	Vento	0	28	0	0	28	0	0	28	0	0	28	0
Q7	Azioni parassite	0	0	43	0	0	43	0	0	43	0	0	43
EX	Sisma X	0	0	82	0	0	82	0	0	82	0	0	82
EY	Sisma Y	0	82	0	0	82	0	0	82	0	0	82	0

Tabella 7 Scarichi impalcato L=30m

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9. COMBINAZIONI DI CARICO

Ai fini delle verifiche degli stati limite si è fatto riferimento alle seguenti combinazioni delle azioni:

- Combinazione fondamentale, generalmente impiegata per gli stati limite ultimi (SLU):

$$\gamma_{G1} \cdot G_1 + \gamma_{G2} \cdot G_2 + \gamma_P \cdot P + \gamma_{Q1} \cdot Q_{k1} + \gamma_{Q2} \cdot \psi_{02} \cdot Q_{k2} + \gamma_{Q3} \cdot \psi_{03} \cdot Q_{k3} + \dots$$

- Combinazione caratteristica (rara), generalmente impiegata per gli stati limite di esercizio (SLE) irreversibili:

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3} + \dots$$

- Combinazione frequente, generalmente impiegata per gli stati limite di esercizio (SLE) reversibili:

$$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

- Combinazione quasi permanente, generalmente impiegata per gli stati limite di esercizio (SLE) a lungo termine:

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

- Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E:

$$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

- Combinazione eccezionale, impiegata per gli stati limite ultimi connessi alle azioni eccezionali A:

$$G_1 + G_2 + P + A_d + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Per le combinazioni di carico si è fatto riferimento al paragrafo 5.1.3.14 delle NTC18.

Si ripota la Tabella 5.1.V delle NTC18 dei coefficienti parziali di sicurezza per le combinazioni di carico SLU:

		Coefficiente	EQU ⁽¹⁾	A1	A2
Azioni permanenti g ₁ e g ₃	favorevoli sfavorevoli	γ_{G1} e γ_{G3}	0,90 1,10	1,00 1,35	1,00 1,00
Azioni permanenti non strutturali ⁽²⁾ g ₂	favorevoli sfavorevoli	γ_{G2}	0,00 1,50	0,00 1,50	0,00 1,30
Azioni variabili da traffico	favorevoli sfavorevoli	γ_Q	0,00 1,35	0,00 1,35	0,00 1,15
Azioni variabili	favorevoli sfavorevoli	γ_{Qi}	0,00 1,50	0,00 1,50	0,00 1,30
Distorsioni e presollecitazioni di progetto	favorevoli sfavorevoli	$\gamma_{\epsilon 1}$	0,90 1,00 ⁽³⁾	1,00 1,00 ⁽⁴⁾	1,00 1,00
Ritiro e viscosità, Cedimenti vincolari	favorevoli sfavorevoli	$\gamma_{\epsilon 2}$, $\gamma_{\epsilon 3}$, $\gamma_{\epsilon 4}$	0,00 1,20	0,00 1,20	0,00 1,00

⁽¹⁾ Equilibrio che non coinvolga i parametri di deformabilità e resistenza del terreno; altrimenti si applicano i valori della colonna A2.

⁽²⁾ Nel caso in cui l'intensità dei carichi permanenti non strutturali, o di una parte di essi (ad esempio carichi permanenti portati), sia ben definita in fase di progetto, per detti carichi o per la parte di essi nota si potranno adottare gli stessi coefficienti validi per le azioni permanenti.

⁽³⁾ 1,30 per instabilità in strutture con precompressione esterna

⁽⁴⁾ 1,20 per effetti locali

Tabella 8 Coefficienti parziali di sicurezza per le combinazioni di carico agli SLU

Si riporta la Tabella 5.1.VI delle NTC18 in cui sono espressi i coefficienti di combinazione delle azioni:

Azioni	Gruppo di azioni (Tab. 5.1.IV)	Coefficiente ψ_0 di combi- nazione	Coefficiente ψ_1 (valori frequent)	Coefficiente ψ_2 (valori quasi permanenti)
Azioni da traffico (Tab. 5.1.IV)	Schema 1 (carichi tandem)	0,75	0,75	0,0
	Schemi 1, 5 e 6 (carichi distribuiti)	0,40	0,40	0,0
	Schemi 3 e 4 (carichi concentrati)	0,40	0,40	0,0
	Schema 2	0,0	0,75	0,0
	2	0,0	0,0	0,0
	3	0,0	0,0	0,0
	4 (folla)	--	0,75	0,0
	5	0,0	0,0	0,0
Vento	a ponte scarico SLU e SLE	0,6	0,2	0,0
	in esecuzione	0,8	0,0	0,0
	a ponte carico SLU e SLE	0,6	0,0	0,0
Neve	SLU e SLE	0,0	0,0	0,0
	in esecuzione	0,8	0,6	0,5
Temperatura	SLU e SLE	0,6	0,6	0,5

Tabella 9 Coefficienti di combinazione per le azioni variabili per ponti stradali e pedonali

Nella combinazione sismica le azioni indotte dal traffico dei mezzi sono combinate con un coefficiente $\psi_2 = 0.2$ (paragrafo 5.1.3.12 del DM 17/01/2018) coerentemente con l'aliquota di massa afferente ai carichi da traffico.

Si riportano di seguito le combinazioni delle azioni maggiormente significative per la determinazione delle sollecitazioni più gravose.

CONDIZIONI DI CARICO	SLU01	SLV01	SLV02	SLE RARA 01	SLE FREQ 01	SLE PERM 01	ECC 01
Permanenti strutturali	1.35	1	1	1	1	1	1
Spinta statica	1.35	1	1	1	1	1	1
Permanenti non strutturali	1.5	1	1	1	1	1	1
Spinta permanenti	1.5	1	1	1	1	1	1
Azioni variabili da traffico	1.35	0.2	0.2	1	0.75	0	0
Spinta accidentali	1.35	0.2	0.2	1	0.75	0	0
Accelerazione / Frenamento	1	0.2	0.2	1	0	0	0

Vento	0.9	0	0	0.6	0	0	0
Azioni parassite dei vincoli	1.2	0	0	1	1	0	0
Sisma Long	0	1	0.3	0	0	0	0
Sisma Trasv	0	0.3	1	0	0	0	0
Urto	0	0	0	0	0	0	1

Tabella 10 Combinazioni di carico

10. CRITERI DI MODELLAZIONE

Il calcolo della struttura è stato svolto utilizzando il programma di calcolo Straus7, schematizzando l'intera struttura con un modello tridimensionale.

Tutti gli elementi strutturali della spalla sono stati descritti come elementi bidimensionali a piastra (shell), mentre la palificata di sostegno è stata descritta con elementi monodimensionali a trave (frame).

Nella figura di seguito riportata si evidenzia il modello tridimensionale implementato in Straus7.

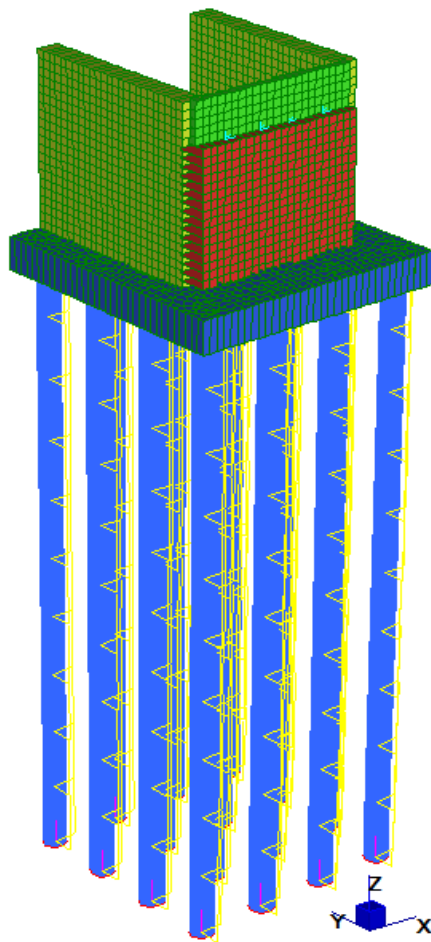


Figura 13 Modellazione tridimensionale agli Elementi Finiti

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10.1 CALCOLO DEL MODULO DI REAZIONE ORIZZONTALE DEL TERRENO

Per terreni granulari i moduli di reazione orizzontale iniziali (E_{si}) alla Matlock & Reese (1960), sono stati valutati in accordo alla seguente espressione:

$$E_{si} = k_{hi} \cdot z \quad [\text{kPa}]$$

essendo:

k_h = gradiente con la profondità del modulo di reazione orizzontale, riportato nella tabella seguente (cfr. Reese et al., 1974 e Elson, 1984)

z = profondità dal piano campagna originario.

Nel caso in esame, è possibile determinare tale parametro tramite la teoria di Vesic, esprimendo il modulo di sottofondo k_h in funzione dei parametri elastici della massa E_t e ν_t con la relazione seguente:

$$k_h = \left(\frac{E_t}{D_p} \right) \times 12 \sqrt{\frac{E_t \times D^4}{E_p J_p}} \times \left(\frac{0.65}{1 - \nu_t^2} \right) \left[\frac{\text{kN}}{\text{m}^3} \right]$$

Nel caso di pali di fondazione posizionati in cresta ad una scarpata naturale o artificiale, i moduli di reazione orizzontali saranno ridotti di una quantità pari al rapporto tra il coefficiente di spinta passiva del terreno calcolato per un piano di campagna con inclinazione pari alla pendenza della scarpata e lo stesso parametro calcolato per un piano di campagna orizzontale.

In particolare, noto il coefficiente di spinta passiva nel caso di piano campagna orizzontale dalla formula:

$$K_p = \frac{1 + \sin(\varphi)}{1 - \sin(\varphi)}$$

e calcolando il coefficiente di spinta passiva nel caso di piano campagna con inclinazione w nel modo seguente:

$$K_{p-w} = \frac{\cos(\omega) + \sqrt{\cos(\omega)^2 - \cos(\varphi)^2}}{\cos(\omega) - \sqrt{\cos(\omega)^2 - \cos(\varphi)^2}}$$

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si ricava il coefficiente di riduzione delle molle orizzontali per la presenza della scarpata dal rapporto dei due coefficienti di spinta passiva appena descritti:

$$\eta = \frac{K_{p-w}}{K_p}$$

Tale coefficiente di riduzione viene applicato fino ad una quota di 5 m dal piano di posa della fondazione. Per profondità superiori l'inclinazione della scarpata viene considerata ininfluyente ai fini del calcolo della rigidezza delle molle orizzontali del terreno.

Nel caso di comportamento granulare del terreno, il valore della rigidezza K_{orizz} della molla orizzontale alla generica profondità z risulterà pari a

$$K_{orizz}(z) = \eta \cdot E(z) \cdot d = \eta \cdot k_{hi} \cdot z \cdot d \quad \left[\frac{kN}{m} \right]$$

dove d è il diametro del palo di fondazione.

Nel caso di comportamento coesivo dei terreni, il modulo elastico del terreno viene calcolato con la seguente formula:

$$E_{coesivo} = 400 \cdot c_u \quad [kPa]$$

dove c_u rappresenta la coesione non drenata minima del terreno considerato. In questo caso il valore della rigidezza della molla è costante con la profondità ed è soggetto anch'esso alla riduzione dovuta all'eventuale inclinazione della scarpata.

In questo caso il valore della rigidezza della molla risulterà pari a

$$K_{orizz\_coesivo} = \eta \cdot E_{coesivo} \cdot d \quad \left[\frac{kN}{m} \right]$$

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11. CRITERI DI VERIFICA

Si espongono di seguito i criteri di verifica adottati per le verifiche degli elementi strutturali.

11.1 VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

Le condizioni ambientali, ai fini della protezione contro la corrosione delle armature, sono suddivise in ordinarie, aggressive e molto aggressive in relazione a quanto indicato dalla Tab. 4.1.III delle NTC2018:

Tabella 11 Descrizione delle condizioni ambientali (Tab. 4.1.III delle NTC18)

Condizioni ambientali	Classe di esposizione
Ordinarie	X0, XC1, XC2, XC3, XF1
Aggressive	XC4, XD1, XS1, XA1, XA2, XF2, XF3
Molto aggressive	XD2, XD3, XS2, XS3, XA3, XF4

11.1.1 Verifiche a fessurazione

Le verifiche a fessurazione sono eseguite adottando i criteri definiti nel paragrafo 4.1.2.2.4.4 del DM 17.1.2018, tenendo inoltre conto delle ulteriori prescrizioni riportate nel “Manuale di progettazione delle opere civili” – par.2.6.2, relative alla progettazione di cavalcavia sulla sede ferroviaria.

Con riferimento alle classi di esposizione delle varie parti della struttura (si veda il paragrafo relativo alle caratteristiche dei materiali impiegati), alle corrispondenti condizioni ambientali ed alla sensibilità delle armature alla corrosione (armature sensibili per gli acciai da precompresso; poco sensibili per gli acciai ordinari), si individua lo stato limite di fessurazione per assicurare la funzionalità e la durata delle strutture:

Gruppi di esigenze	Condizioni ambientali	Combinazione di azioni	Armatura			
			Sensibile		Poco sensibile	
			Stato limite	w_d	Stato limite	w_d
a	Ordinarie	frequente	ap. fessure	$\leq w_2$	ap. fessure	$\leq w_3$
		quasi permanente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
b	Aggressive	frequente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$
c	Molto aggressive	frequente	formazione fessure	-	ap. fessure	$\leq w_1$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$

Figura 14 Criteri di scelta dello stato limite di fessurazione - Tabella 4.1.IV del DM 17.1.2018

Nella Tabella sopra riportata, $w_1=0.2\text{mm}$, $w_2=0.3\text{mm}$; $w_3=0.4\text{mm}$.

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Più restrittivi risultano i limiti di apertura delle fessure riportati nel “Manuale di progettazione delle opere civili”. L'apertura convenzionale delle fessure, calcolata con la combinazione SLE frequente, deve risultare:

- $\delta_f \leq w_1$ per strutture in condizioni ambientali aggressive e molto aggressive, così come identificate nel par. 4.1.2.2.4.2 del DM 17.01.2018, per tutte le strutture a permanente contatto con il terreno e per le zone non ispezionabili di tutte le strutture;
- $\delta_f \leq w_2$ per strutture in condizioni ambientali ordinarie secondo il citato paragrafo del DM 17.01.2018.

Risulta:

- Stato limite di fessurazione: $w_d \leq w_1 = 0.2$ mm - combinazione frequente (condizioni ambientali aggressive e molto aggressive);
- Stato limite di fessurazione: $w_d \leq w_2 = 0.3$ mm - combinazione frequente (condizioni ambientali ordinarie).

11.1.2 Verifiche delle tensioni di esercizio

Valutate le azioni interne nelle varie parti della struttura, dovute alle combinazioni caratteristica e quasi permanente delle azioni, si calcolano le massime tensioni sia nel calcestruzzo sia nelle armature; si verifica che tali tensioni siano inferiori ai massimi valori consentiti, di seguito riportati.

Le prescrizioni riportate di seguito fanno riferimento al par. 4.1.2.2.5.1 del DM 17.1.18.

La massima tensione di compressione del calcestruzzo σ_c , deve rispettare la limitazione seguente:

- $\sigma_c < 0,60 f_{ck}$ per combinazione caratteristica (rara)
- $\sigma_c < 0,45 f_{ck}$ per combinazione quasi permanente.

Per l'acciaio ordinario, la tensione massima σ_s per effetto delle azioni dovute alla combinazione caratteristica deve rispettare la limitazione seguente:

- $\sigma_s < 0,80 f_{yk}$

dove f_{yk} per armatura ordinaria è la tensione caratteristica di snervamento dell'acciaio.

11.2 VERIFICHE AGLI STATI LIMITE ULTIMI

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11.2.1 Sollecitazioni flettenti

La verifica agli SLU è stata realizzata attraverso il calcolo dei domini di interazione N-M, ovvero il luogo dei punti rappresentativi di sollecitazioni che portano in crisi la sezione di verifica secondo i criteri di resistenza da normativa.

Nel calcolo dei domini sono state mantenute le consuete ipotesi, tra cui:

- conservazione delle sezioni piane;
- legame costitutivo del calcestruzzo parabola-rettangolo non reagente a trazione, con plateaux ad una deformazione pari a 0.002 e a rottura pari a 0.0035 ($\sigma_{\max} = 0.85 \times 0.83 \times R_{ck} / 1.5$);
- legame costitutivo dell'armatura d'acciaio elastico–perfettamente plastico con deformazione limite di rottura a 0.01 ($\sigma_{\max} = f_{yk} / 1.15$).

11.2.2 Sollecitazioni taglianti

La resistenza a taglio V_{Rd} di elementi sprovvisti di specifica armatura è stata calcolata sulla base della resistenza a trazione del calcestruzzo.

Con riferimento all'elemento fessurato da momento flettente, la resistenza al taglio si valuta con la seguente espressione:

$$V_{Rd} = \left\{ 0,18 \cdot k \cdot (100 \cdot \rho_1 \cdot f_{ck})^{1/3} / \gamma_c + 0,15 \cdot \sigma_{cp} \right\} \cdot b_w \cdot d \geq (v_{\min} + 0,15 \cdot \sigma_{cp}) \cdot b_w d$$

$$k = 1 + (200/d)^{1/2} \leq 2$$

$$v_{\min} = 0,035 k^{3/2} f_{ck}^{1/2}$$

dove:

d è l'altezza utile della sezione (in mm);

$\rho_1 = A_{sl} / (b_w \times d)$ è il rapporto geometrico di armatura longitudinale ($\leq 0,02$);

$\sigma_{cp} = N_{Ed} / A_c$ è la tensione media di compressione nella sezione ($\leq 0,2 f_{cd}$);

b_w è la larghezza minima della sezione (in mm).

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La resistenza a taglio V_{Rd} di elementi strutturali dotati di specifica armatura a taglio deve essere valutata sulla base di una adeguata schematizzazione a traliccio. Gli elementi resistenti dell'ideale traliccio sono: le armature trasversali, le armature longitudinali, il corrente compresso di calcestruzzo e i puntoni d'anima inclinati. L'inclinazione θ dei puntoni di calcestruzzo rispetto all'asse della trave deve rispettare i limiti seguenti:

$$1 \leq \operatorname{ctg} \theta \leq 2.5$$

La verifica di resistenza (SLU) è soddisfatta se è verificata la seguente relazione:

$$V_{Rd} \geq V_{Ed}$$

dove V_{Ed} è il valore di calcolo dello sforzo di taglio agente.

La resistenza di calcolo a "taglio trazione" dell'armatura trasversale è stata calcolata con la seguente relazione:

$$V_{Rsd} = 0,9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\operatorname{ctg} \alpha + \operatorname{ctg} \theta) \cdot \sin \alpha$$

La resistenza di calcolo a "taglio compressione" del calcestruzzo d'anima è stata calcolata con la seguente relazione:

$$V_{Rcd} = 0,9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\operatorname{ctg} \alpha + \operatorname{ctg} \theta) / (1 + \operatorname{ctg}^2 \theta)$$

La resistenza al taglio della trave è la minore delle due relazioni sopra definite:

$$V_{Rd} = \min (V_{Rsd}, V_{Rcd})$$

In cui:

d è l'altezza utile della sezione;

b_w è la larghezza minima della sezione;

σ_{cp} è la tensione media di compressione della sezione;

A_{sw} è l'area dell'armatura trasversale;

S è l'interasse tra due armature trasversali consecutive;

α è l'angolo di inclinazione dell'armatura trasversale rispetto all'asse della trave;

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f_{cd} è la resistenza a compressione ridotta del calcestruzzo d'anima ($f_{cd}=0.5f_{cd}$);

α è un coefficiente maggiorativo par ad 1 per membrature non compresse.

11.3 VERIFICHE GEOTECNICHE

Conformemente con quanto prescritto nel par. 6.4.3.1 delle NTC18, le verifiche geotecniche devono essere effettuate con riferimento ai seguenti stati limite:

SLU di tipo geotecnico (GEO):

- collasso per carico limite della palificata nei riguardi dei carichi assiali;
- collasso per carico limite della palificata nei riguardi dei carichi trasversali;
- collasso per carico limite di sfilamento nei riguardi dei carichi assiali di trazione.

Le verifiche a carico limite verticale dei pali vengono svolte secondo la metodologia degli stati limite ultimi, in accordo alla normativa vigente.

La verifica della capacità portante dei pali, per carichi verticali, è soddisfatta se:

$$F_{cd} < R_{cd}$$

essendo:

$$R_{cd} = R_k / \gamma_R$$

dove:

F_{cd} = carico assiale di compressione di progetto;

R_{cd} = capacità portante di progetto nei confronti dei carichi assiali;

R_k = valore caratteristico della capacità portante limite del palo.

In particolare, in accordo con le NTC18 (cfr. §6.4.3.1.1), le verifiche di capacità portante dei pali agli stati limite ultimi (SLU) vengono condotte con riferimento all'Approccio 2 con la Combinazione 1 (A1 + M1 + R3), mediante il confronto dei massimi valori di sforzo normale sui pali, di compressione e di trazione, con le curve di capacità portante relative alla progressiva in esame. Il soddisfacimento della verifica consente la determinazione della lunghezza dei pali.

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Per i criteri di valutazione della capacità portante di progetto R_{cd} nei confronti dei carichi assiali, esibita nelle curve di portanza, si faccia riferimento alla Relazione Geotecnica.

Per quanto riguarda la verifica a carico limite orizzontale dei pali, questa è stata condotta tramite il metodo di Broms, 1964, secondo il quale, per pali lunghi (ipotesi che si configura per tutti i pali in esame), in terreni incoerenti sotto falda, non liberi di ruotare in testa, vale la seguente formulazione:

$$H = k_p \gamma d^3 \sqrt[3]{\left(3.676 \frac{M_y}{k_p \gamma d^4}\right)^2}$$

in cui:

H = carico limite orizzontale del palo

K_p = coefficiente di spinta passiva

D = diametro del palo

L = lunghezza del palo

M_y = momenno di plasticizzazione del palo

Il valore di H , ridotto per i coefficienti di normativa come riportato di seguito, dovrà essere confrontato con il massimo valore agente in testa palo dalle combinazioni SLU-SLV (V_{pd}):

$$H_{lim} = \frac{H}{\xi \cdot \gamma_T} \geq V_{pd}$$

Con ξ funzione del numero di verticali indagate per l'opera in esame e γ_T secondo l'approccio considerato. In analogia con il carico limite verticale, per il carico limite orizzontale si considera l'Approccio 2, pertanto il coefficiente γ_T sarà pari a 1.3.

12. ANALISI DEI RISULTATI

Nei paragrafi seguenti si riportano i risultati delle analisi condotte per i diversi modelli implementati, con le indicazioni dei valori massimi delle sollecitazioni flettenti e taglianti. I valori riportati sono relativi all'analisi al metro lineare.

12.1 MURO FRONTALE

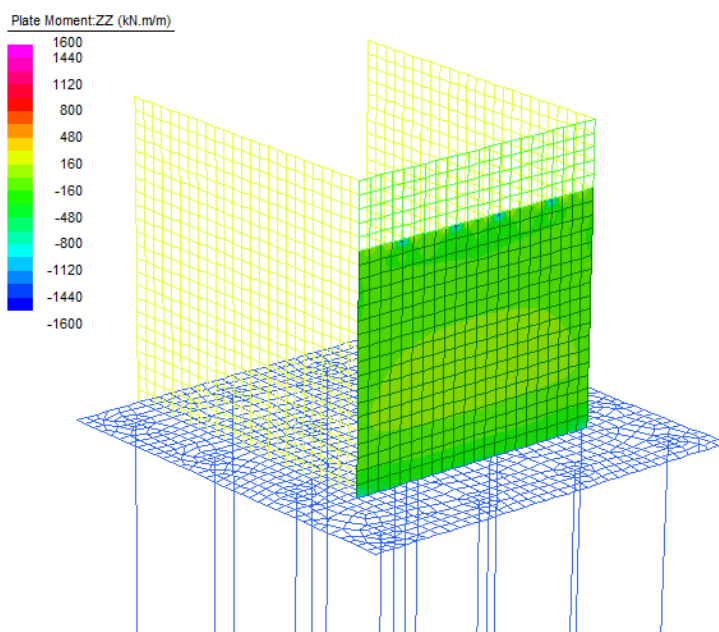


Figura 15: Momento Flettente verticale - Involuppo SLE

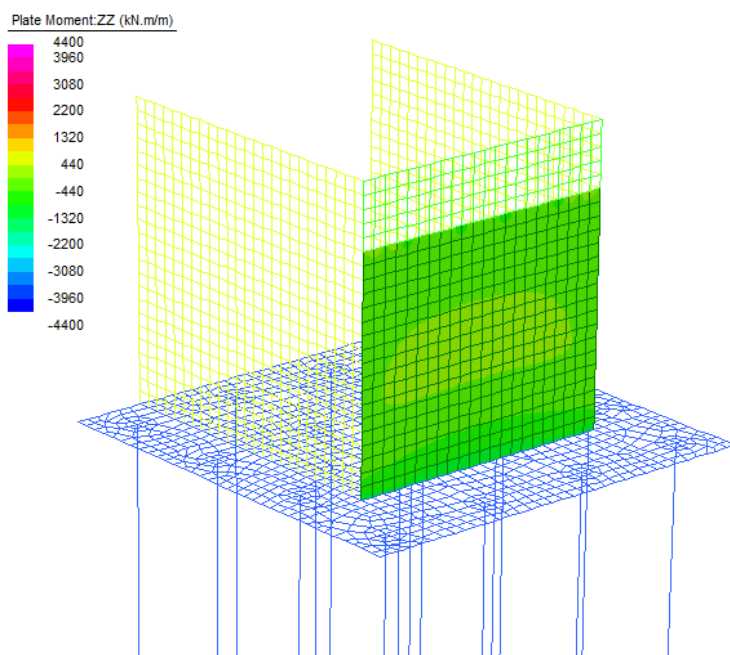


Figura 16: Momento Flettente verticale - Involuppo SLU/SLV

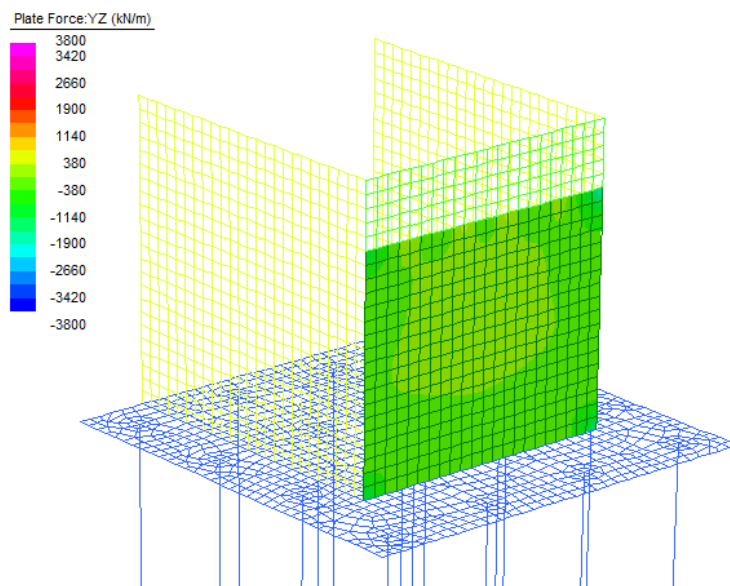


Figura 17: Sollecitazioni Taglianti Vyz - Involuppo SLU/SLV

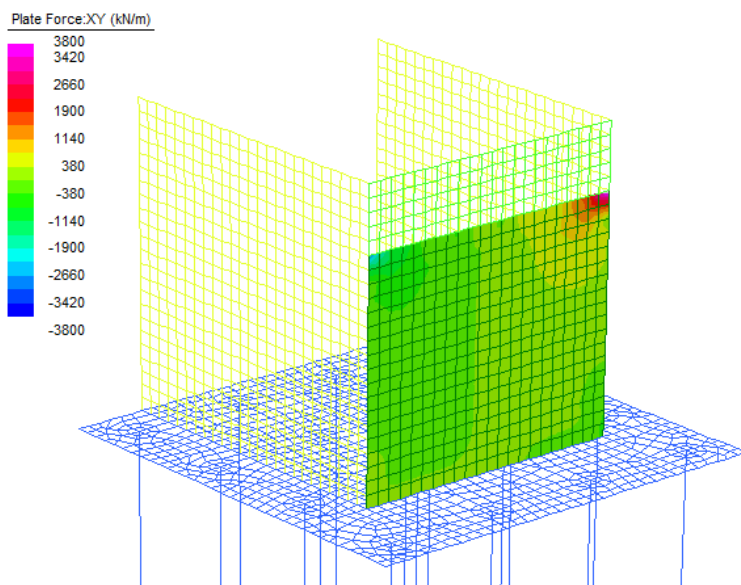


Figura 18: Sollecitazioni Taglienti Vxy - Involuppo SLU/SLV

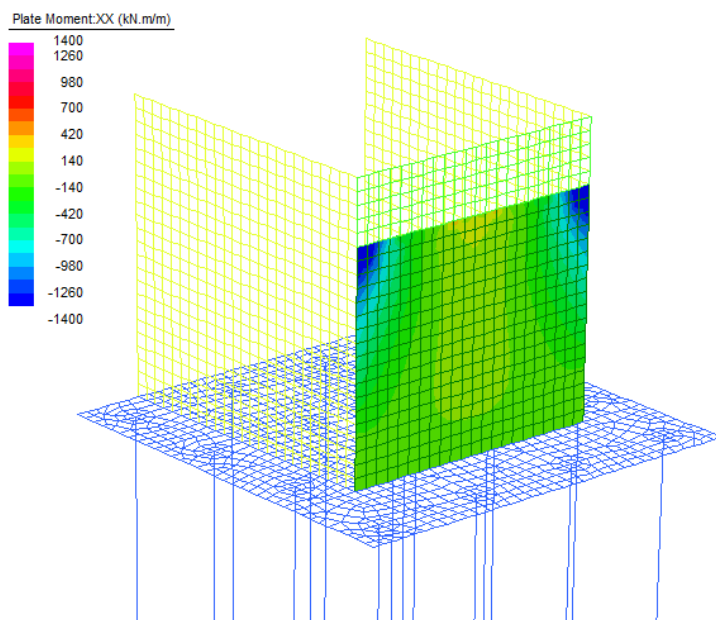


Figura 19: Momento Flettente orizzontale - Involuppo SLE

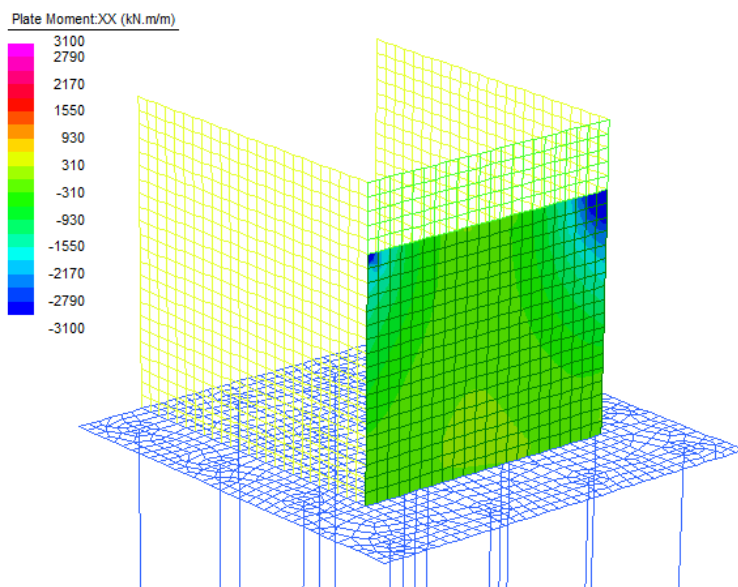


Figura 20: Momento Flettente orizzontale - Involuppo SLU/SLV

12.2 PARAGHIAIA

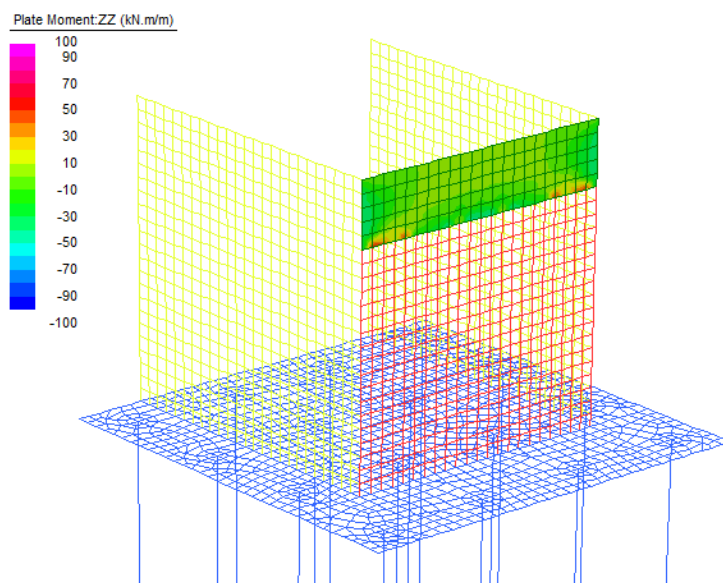


Figura 21: Momento Flettente verticale - Involuppo SLE

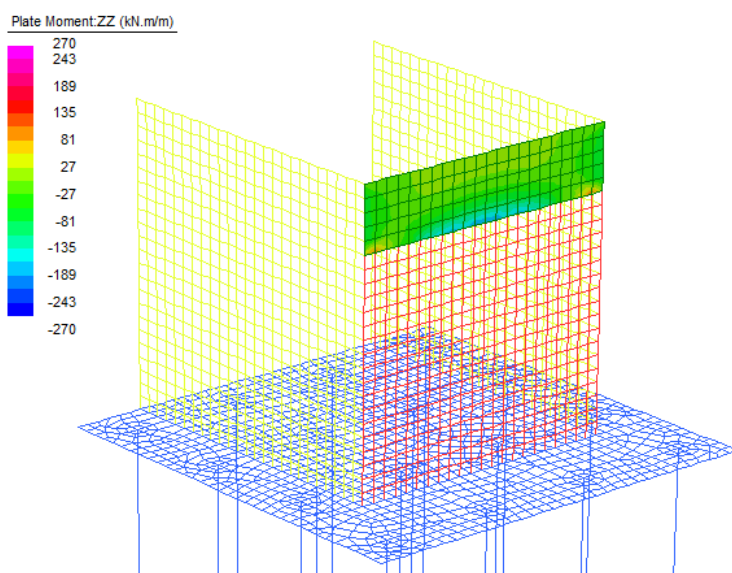


Figura 22: Momento Flettente verticale - Involuppo SLU/SLV

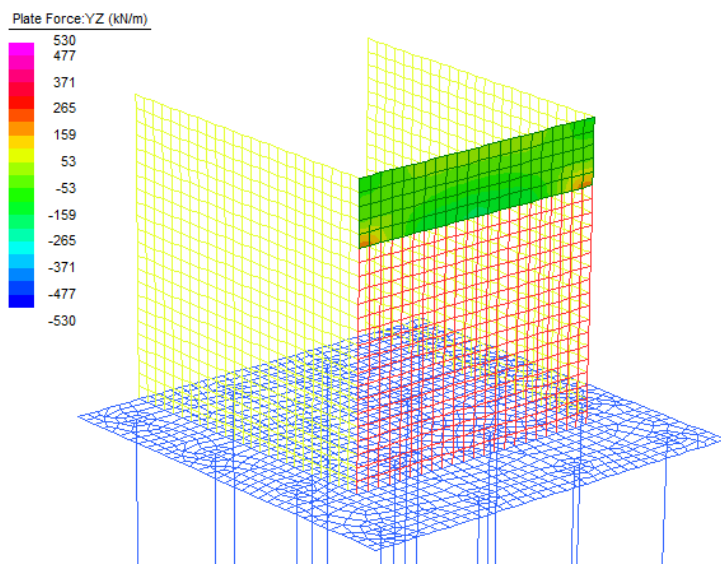


Figura 23: Sollecitazioni Taglienti Vyz - Involuppo SLU/SLV

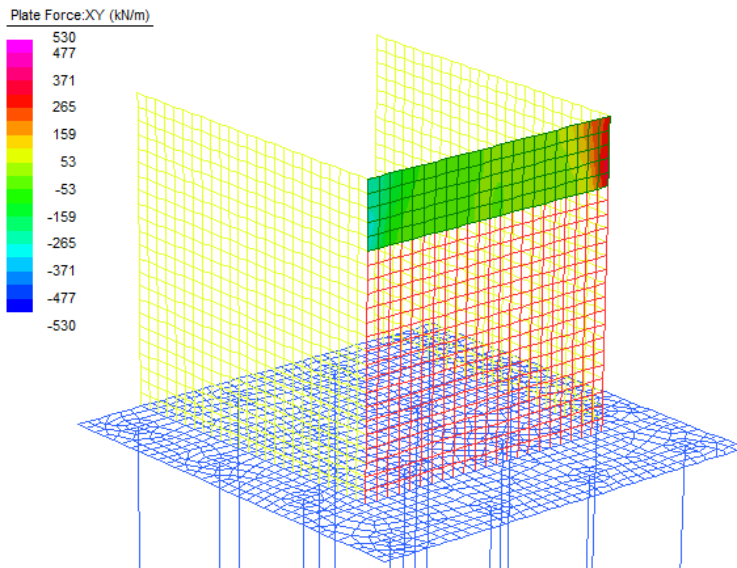


Figura 24: Sollecitazioni Taglienti Vxy - Involuppo SLU/SLV

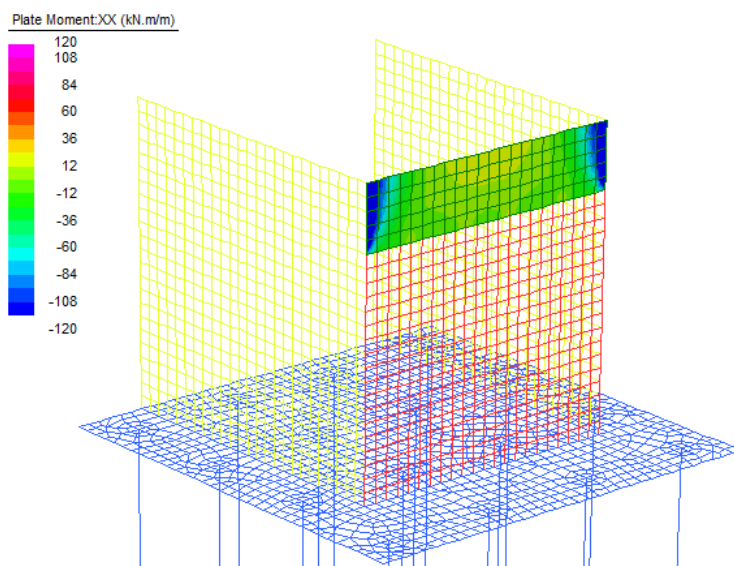


Figura 25: Momento Flettente orizzontale - Involuppo SLE

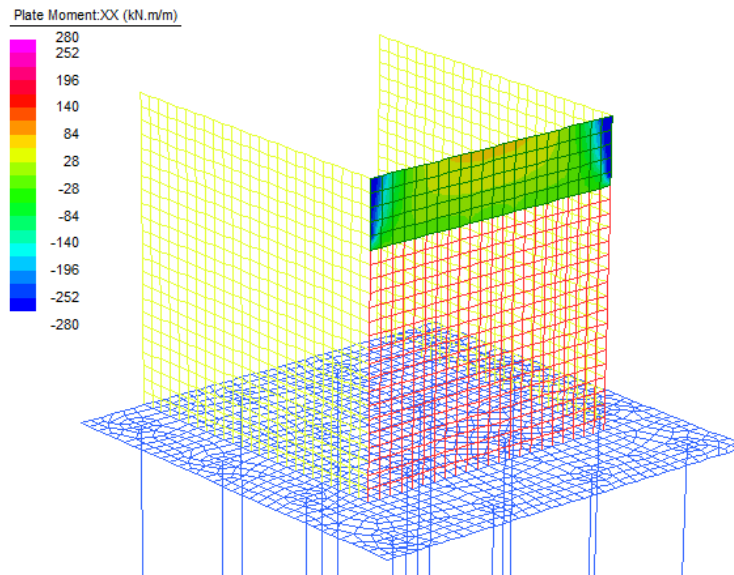


Figura 26: Momento Flettente orizzontale - Involuppo SLU/SLV

12.3 MURI ANDATORI

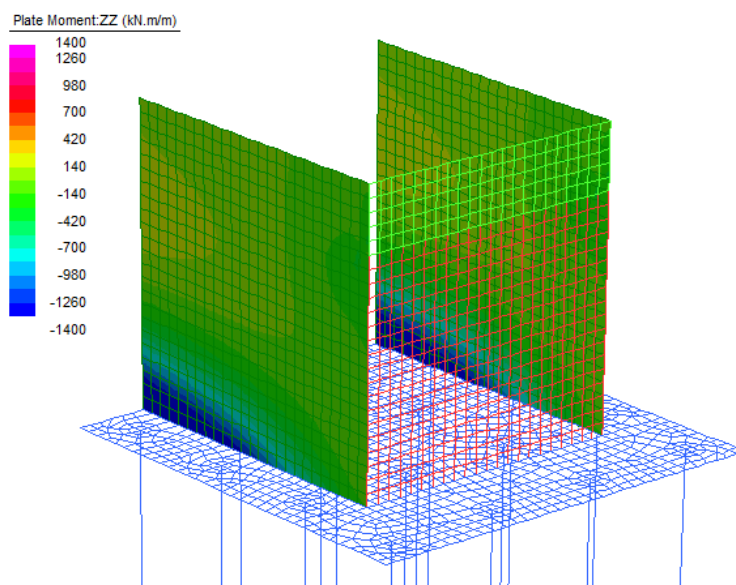


Figura 27: Momento Flettente verticale - Involuppo SLE

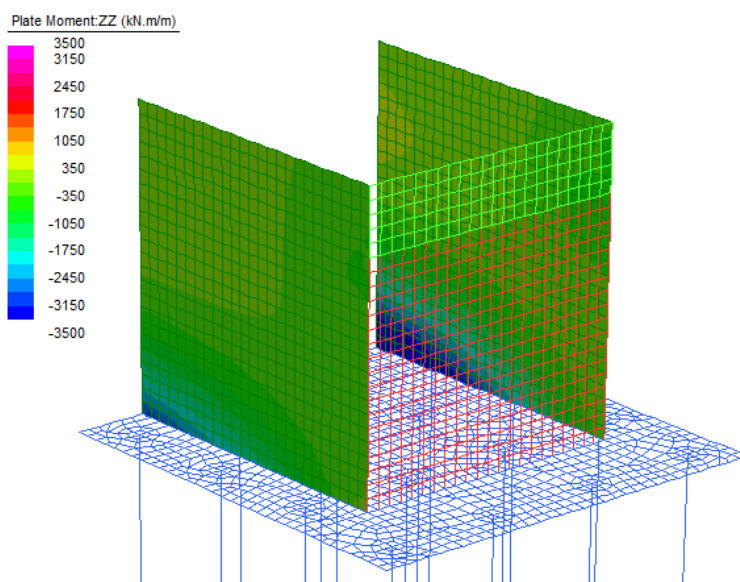


Figura 28: Momento Flettente verticale - Involuppo SLU/SLV

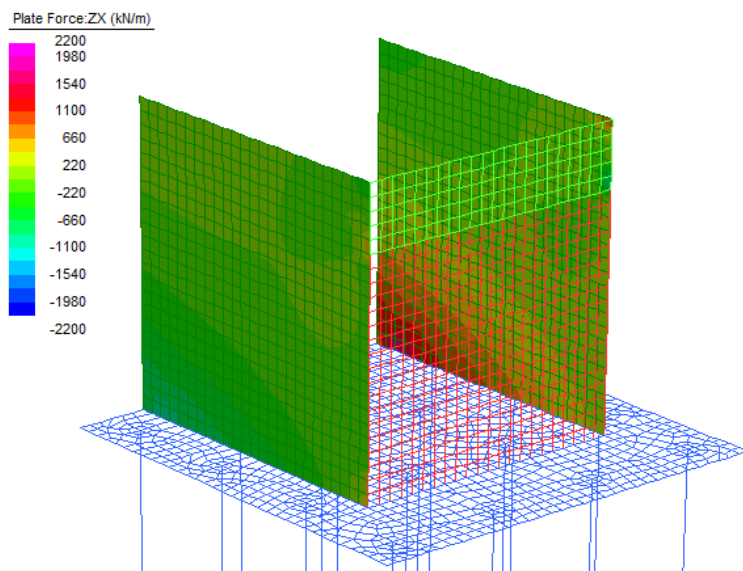


Figura 29: Sollecitazioni Taglienti V_{xz} - Involuppo SLU/SLV

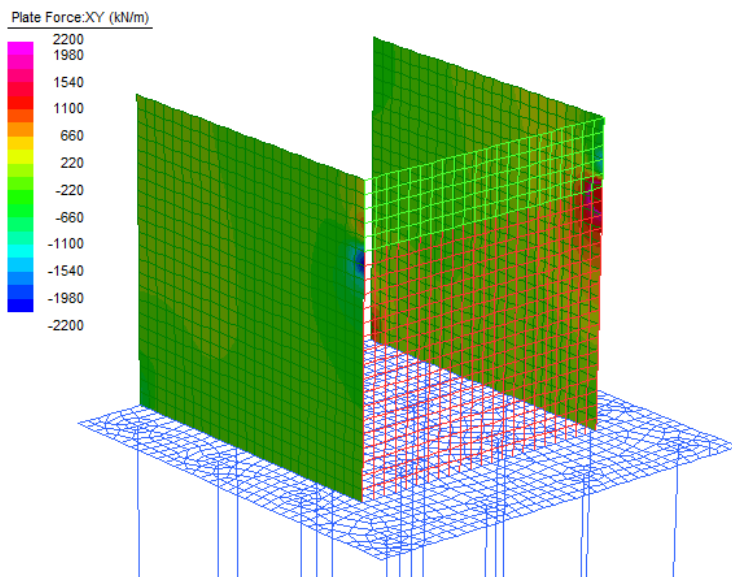


Figura 30: Sollecitazioni Taglienti V_{xy} - Involuppo SLU/SLV

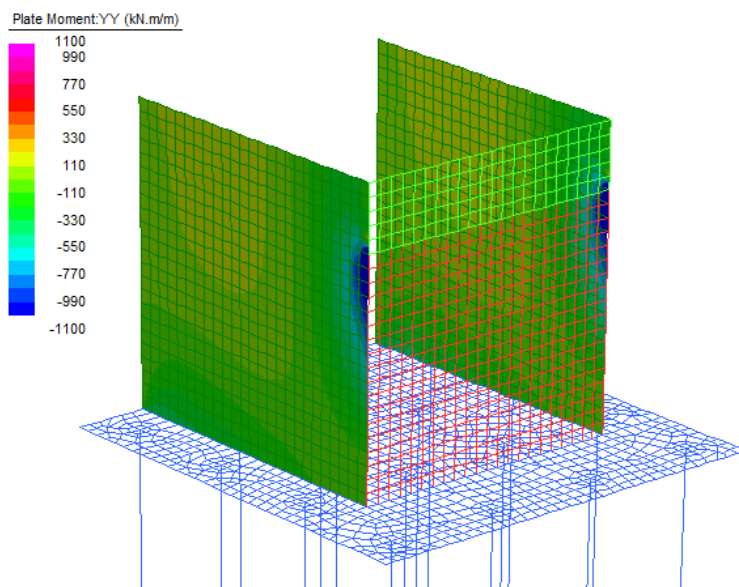


Figura 31: Momento Flettente orizzontale - Involuppo SLE

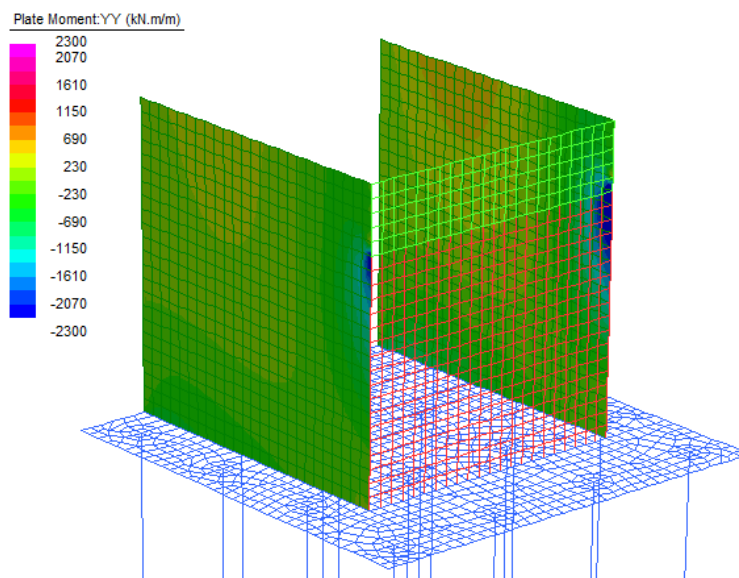


Figura 32: Momento Flettente orizzontale - Involuppo SLU/SLV

12.4 PLINTO DI FONDAZIONE

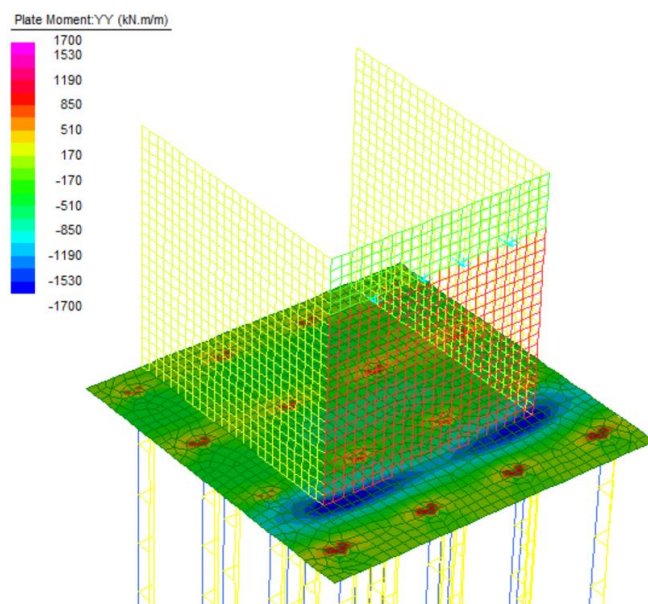


Figura 33: Momento Flettente longitudinale - Involuppo SLE

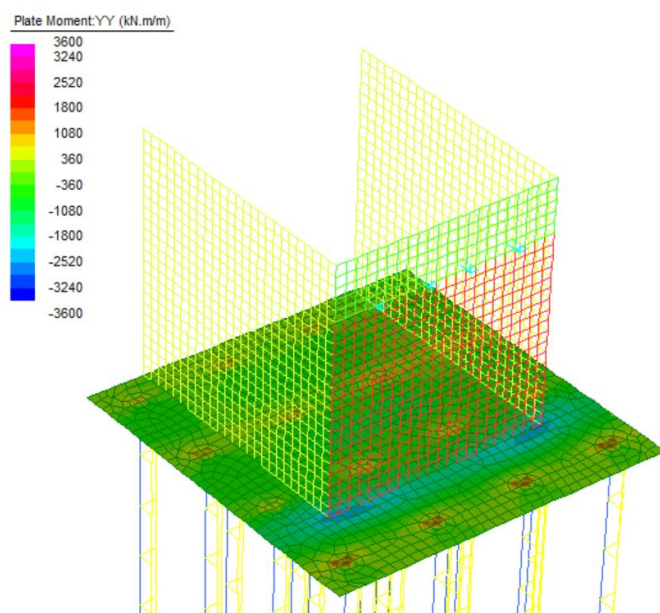


Figura 34: Momento Flettente longitudinale - Involuppo SLU/SLV

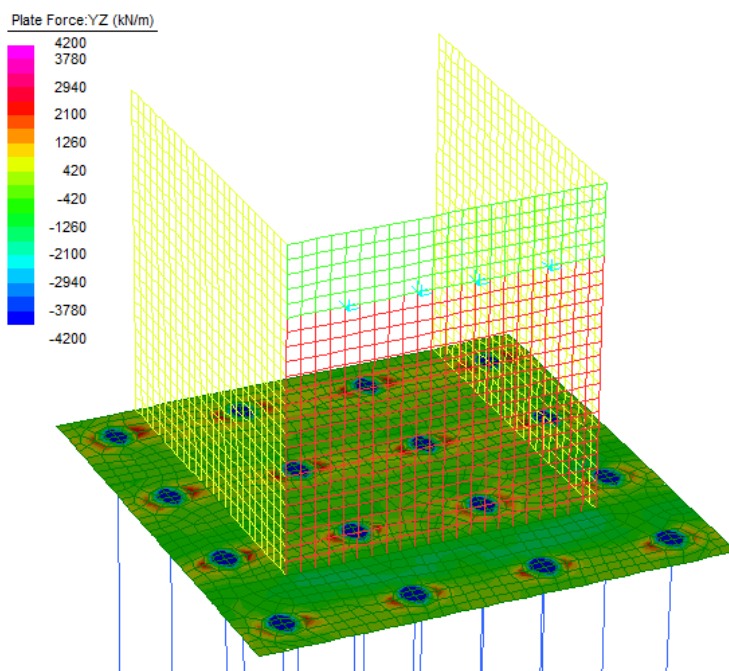


Figura 35: Sollecitazioni Taglienti Vyz - Involuppo SLU/SLV

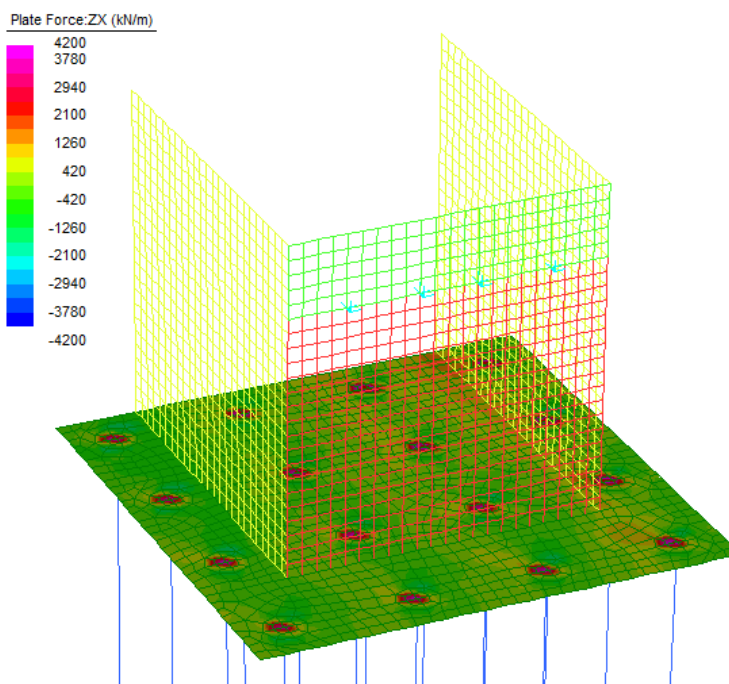


Figura 36: Sollecitazioni Taglienti Vxz - Involuppo SLU/SLV

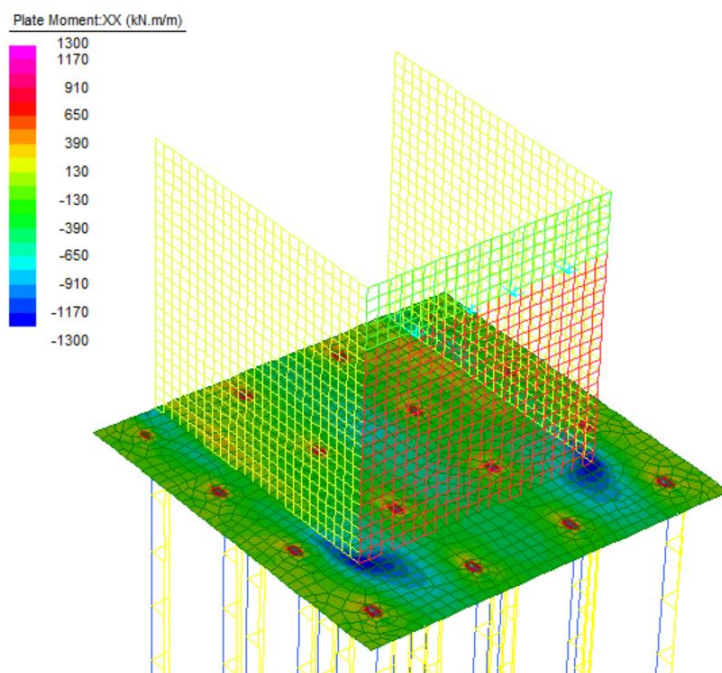


Figura 37: Momento Flettente trasversale - Involuppo SLE

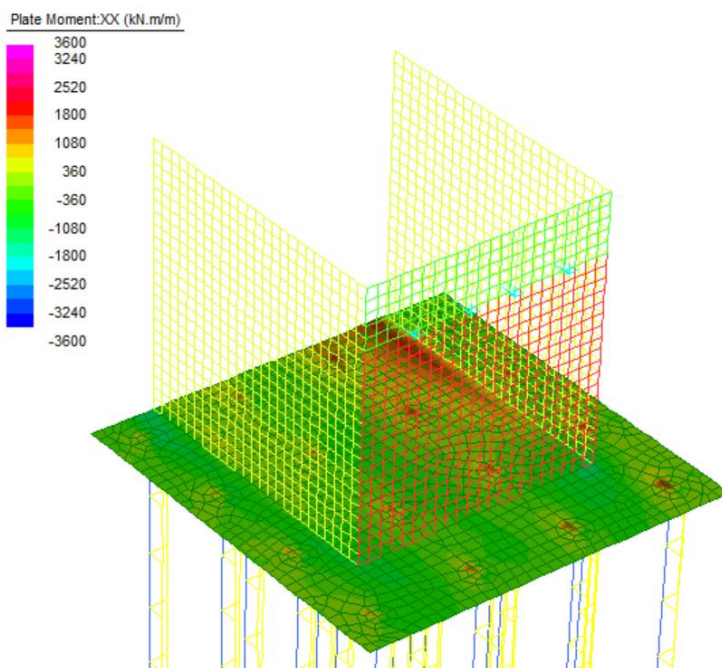


Figura 38: Momento Flettente trasversale - Involuppo SLU/SLV

12.5 PALI DI FONDAZIONE

Nella tabella di seguito si riassumono le sollecitazioni relative alla testa dei pali di fondazione:

Pali di fondazione	Nmin [kN]	Nmax [kN]	M [kNm]	T [kN]
SLU	5208	7968	2216	886
SLV	1519	7699	3783	1515
SLE RARA	3840	5892	1644	658
SLE FREQ	3883	5700	1555	622
SLE QPERM	3868	5243	1378	551

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13. VERIFICHE

Le verifiche strutturali allo stato limite ultimo e allo stato limite di esercizio sono state svolte, seguendo i criteri esposti in precedenza, con il codice di calcolo RC-SEC, per le condizioni di carico più gravose.

In particolare nelle verifiche riportate di seguito lo sforzo normale è di compressione se positivo.

Una sintesi delle caratteristiche dell'armatura longitudinale e a taglio (staffe) previste è esibita nei prospetti di seguito.

Nelle verifiche riportate di seguito sono stati rispettati i minimi di armatura previsti dalle NTC18 riportate al paragrafo 4.1.6.

Facendo riferimento al paragrafo 7.4.6.2.4 delle NTC18, si è rispettato il limite per le pareti di almeno 9 legature ogni metro quadrato.

13.1 MURO FRONTALE

Si riassume di seguito l'armatura adottata.

ARMATURA		
Armatura verticale	Armatura orizzontale	Armatura taglio
Arm. tesa	Arm. tesa	Ø16/20x40
10Ø26+5Ø26	10Ø26	
Arm. Compressa	Arm. Compressa	
10Ø26	10Ø20	

La sezione risulta verificata con l'armatura prevista.

13.1.1 Verifica dell'armatura verticale

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40	
	Resis. compr. di progetto fcd:	18.810	MPa
	Def.unit. max resistenza ec2:	0.0020	
	Def.unit. ultima ecu:	0.0035	
	Diagramma tensione-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	33643.0	MPa
	Resis. media a trazione fctm:	3.100	MPa
	Coeff. Omogen. S.L.E.:	15.00	
	Coeff. Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Frequenti:	199.20	daN/cm²
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200	mm
	Sc limite S.L.E. comb. Q.Permanenti:	0.00	Mpa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200	mm
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. snervam. fyk:	450.00	MPa
	Resist. caratt. rottura ftk:	450.00	MPa
	Resist. snerv. di progetto fyd:	391.30	MPa
	Resist. ultima di progetto ftd:	391.30	MPa
	Deform. ultima di progetto Epu:	0.068	

Modulo Elastico Ef	2000000	daN/cm ²
Diagramma tensione-deformaz.:	Bilineare finito	
Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00	
Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50	
Sf limite S.L.E. Comb. Rare:	360.00	MPa

CARATTERISTICHE DOMINIO CONGLOMERATO

Forma del Dominio: Poligonale
Classe Conglomerato: C32/40

N° vertice:	X [cm]	Y [cm]
1	-50.0	0.0
2	-50.0	180.0
3	50.0	180.0
4	50.0	0.0

DATI BARRE ISOLATE

N° Barra	X [cm]	Y [cm]	DiamØ [mm]
1	-39.5	10.5	26
2	-39.5	169.5	26
3	39.5	169.5	26
4	39.5	10.5	26
5	-36.9	15.7	26
6	36.9	15.7	26

DATI GENERAZIONI LINEARI DI BARRE

N° Gen. Numero assegnato alla singola generazione lineare di barre
N° Barra Ini. Numero della barra iniziale cui si riferisce la generazione
N° Barra Fin. Numero della barra finale cui si riferisce la generazione
N° Barre Numero di barre generate equidistanti cui si riferisce la generazione
Ø Diametro in mm delle barre della generazione

N° Gen.	N° Barra Ini.	N° Barra Fin.	N° Barre	Ø
1	1	4	8	26
2	2	3	8	26
3	5	6	3	26

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baric. (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia
con verso positivo se tale da comprimere il lembo sup. della sez.
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia
con verso positivo se tale da comprimere il lembo destro della sez.
Vy Componente del Taglio [kN] parallela all'asse princ. d'inerzia y
Vx Componente del Taglio [kN] parallela all'asse princ. d'inerzia x

N° Comb.	N	Mx	My	Vy	Vx

Relazione di calcolo spalle e fondazioni

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1	0.00	4400.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1600.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1600.00 (2129.98)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1600.00 (2129.98)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 9.2 cm
Interferro netto minimo barre longitudinali: 3.2 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver S = combinazione verificata / N = combin. non verificata
N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
Verifica positiva se tale rapporto risulta >=1.000
As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	S	0.00	4400.00	0.00	0.00	5000.22	0.00	1.14	79.6(30.4)

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max	Deform. unit. massima del conglomerato a compressione
x/d	Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max	Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max	Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min	Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min	Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min	Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max	Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max	Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max	Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.084	-50.0	180.0	0.00090	-39.5	169.5	-0.03840	-39.5	10.5

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c	Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d	Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid.	Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000247198	-0.040995683	0.084	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver	S = comb. verificata/ N = comb. non verificata
Sc max	Massima tensione (positiva se di compressione) nel conglomerato [Mpa]
Xc max, Yc max	Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Sf min	Minima tensione (negativa se di trazione) nell'acciaio [Mpa]
Xs min, Ys min	Ascissa, Ordinata [cm] della barra corrisp. a Sf min (sistema rif. X,Y,O)
Ac eff.	Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff.	Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.48	-50.0	180.0	-133.2	30.7	10.5	3045	79.6

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Ver.	La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1	Esito della verifica
e2	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
kt	= 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
k2	= 0.4 per comb. quasi permanenti / = 0.6 per comb. frequenti [cfr. eq.(7.9)EC2]
k3	= 0.5 per flessione; $=(e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]
k4	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
Ø	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Cf	Diametro [mm] equivalente delle barre tese comprese nell'area efficace Ac eff [eq.(7.11)EC2]
	Coprifero [mm] netto calcolato con riferimento alla barra più tesa

Relazione di calcolo spalle e fondazioni

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e sm - e cm Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC]
 Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
 sr max Massima distanza tra le fessure [mm]
 wk Apertura fessure in mm calcolata = $sr_{max} * (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
 Mx fess. Componente momento di prima fessurazione intorno all'asse X [kNm]
 My fess. Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00072	0	0.500	26.0	92	0.00040 (0.00040)	482	0.192 (0.20)	2129.98	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.48	-50.0	180.0	-133.2	30.7	10.5	3045	79.6

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00072	0	0.500	26.0	92	0.00040 (0.00040)	482	0.192 (0.20)	2129.98	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.48	-50.0	180.0	-133.2	30.7	10.5	3045	79.6

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00072	0	0.500	26.0	92	0.00040 (0.00040)	482	0.192 (0.20)	2129.98	0.00

13.1.2 Verifica dell'armatura orizzontale

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40
	Resis. compr. di progetto fcd:	18.810 MPa
	Def.unit. max resistenza ec2:	0.0020
	Def.unit. ultima ecu:	0.0035
	Diagramma tensione-deformaz.:	Parabola-Rettangolo
	Modulo Elastico Normale Ec:	33643.0 MPa
	Resis. media a trazione fctm:	3.100 MPa
	Coeff. Omogen. S.L.E.:	15.00
	Coeff. Omogen. S.L.E.:	15.00
	Sc limite S.L.E. comb. Frequenti:	199.20 daN/cm²
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200 mm
	Sc limite S.L.E. comb. Q.Permanenti:	0.00 Mpa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200 mm
	ACCIAIO -	Tipo:
Resist. caratt. snervam. fyk:		450.00 MPa
Resist. caratt. rottura ftk:		450.00 MPa
Resist. snerv. di progetto fyd:		391.30 MPa

Resist. ultima di progetto ftd:	391.30	MPa
Deform. ultima di progetto Epu:	0.068	
Modulo Elastico Ef	2000000	daN/cm ²
Diagramma tensione-deformaz.:	Bilineare finito	
Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00	
Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50	
Sf limite S.L.E. Comb. Rare:	360.00	MPa

CARATTERISTICHE DOMINIO CONGLOMERATO

Forma del Dominio: Poligonale
Classe Conglomerato: C32/40

N° vertice:	X [cm]	Y [cm]
1	-50.0	0.0
2	-50.0	180.0
3	50.0	180.0
4	50.0	0.0

DATI BARRE ISOLATE

N° Barra	X [cm]	Y [cm]	DiamØ [mm]
1	-42.1	7.9	26
2	-42.1	172.1	20
3	42.1	172.1	20
4	42.1	7.9	26

DATI GENERAZIONI LINEARI DI BARRE

N° Gen. Numero assegnato alla singola generazione lineare di barre
N° Barra Ini. Numero della barra iniziale cui si riferisce la generazione
N° Barra Fin. Numero della barra finale cui si riferisce la generazione
N° Barre Numero di barre generate equidistanti cui si riferisce la generazione
Ø Diametro in mm delle barre della generazione

N° Gen.	N° Barra Ini.	N° Barra Fin.	N° Barre	Ø
1	1	4	8	26
2	2	3	8	20

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baric. (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia con verso positivo se tale da comprimere il lembo sup. della sez.
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia con verso positivo se tale da comprimere il lembo destro della sez.
Vy Componente del Taglio [kN] parallela all'asse princ. d'inerzia y
Vx Componente del Taglio [kN] parallela all'asse princ. d'inerzia x

N° Comb.	N	Mx	My	Vy	Vx
1	0.00	3100.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1400.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1400.00 (1997.79)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1300.00 (1997.79)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 6.6 cm
Interferro netto minimo barre longitudinali: 6.8 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver S = combinazione verificata / N = combin. non verificata
N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
Verifica positiva se tale rapporto risulta >=1.000
As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

Relazione di calcolo spalle e fondazioni

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N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	S	0.00	3100.00	0.00	0.00	3467.87	0.00	1.12	53.1(30.8)

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max	Deform. unit. massima del conglomerato a compressione
x/d	Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max	Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max	Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min	Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min	Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min	Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max	Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max	Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max	Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.060	-50.0	180.0	0.00081	-42.1	172.1	-0.05503	-42.1	7.9

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c	Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d	Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid.	Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000340091	-0.057716388	0.060	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver	S = comb. verificata/ N = comb. non verificata
Sc max	Massima tensione (positiva se di compressione) nel conglomerato [Mpa]
Xc max, Yc max	Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Sf min	Minima tensione (negativa se di trazione) nell'acciaio [Mpa]
Xs min, Ys min	Ascissa, Ordinata [cm] della barra corrisp. a Sf min (sistema rif. X,Y,O)
Ac eff.	Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff.	Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.55	-50.0	180.0	-165.8	32.7	7.9	1950	53.1

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Ver.	La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1	Esito della verifica
e2	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
kt	= 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
k2	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k3	= 0.5 per flessione; $=(e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]
k4	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
k4	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Ø	Diametro [mm] equivalente delle barre tese comprese nell'area efficace Ac eff [eq.(7.11)EC2]
Cf	Copri ferro [mm] netto calcolato con riferimento alla barra più tesa
e sm - e cm	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC]

sr max Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
 wk Massima distanza tra le fessure [mm]
 Mx fess. Apertura fessure in mm calcolata = $s_r \max * (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
 My fess. Componente momento di prima fessurazione intorno all'asse X [kNm]
 Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00088	0	0.500	26.0	66	0.00050 (0.00050)	387	0.192 (0.20)	1997.79	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.55	-50.0	180.0	-165.8	32.7	7.9	1950	53.1

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00088	0	0.500	26.0	66	0.00050 (0.00050)	387	0.192 (0.20)	1997.79	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.30	-50.0	180.0	-153.9	32.7	7.9	1950	53.1

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00082	0	0.500	26.0	66	0.00051 (0.00046)	387	0.195 (0.20)	1997.79	0.00

13.1.3 Verifica a taglio

SEZIONE					
b _w	=	100	cm		
h	=	180	cm		
c	=	7,9	cm		
d	=	h-c	=	172,1	cm
MATERIALI					
f _{ywd}	=	391,30	MPa		
R _{ck}	=	40	MPa		
γ _c	=	1,5			
f _{ck}	=	0.83xR _{ck}	=	33,2	MPa
f _{cd}	=	0.85xf _{ck} /γ _c	=	18,81	MPa
ARMATURE A TAGLIO					
∅ _{st}	=	16			
braccia	=	5			
∅ _{st2}	=	0			
braccia	=	0			
passo	=	40	cm		
(A _{sw} / s)	=	25,133	cm ² / m		
α	=	90	°	(90° staffe verticali)	
TAGLIO AGENTE		V _{Ed} =	3800	(KN)	
SFORZO NORMALE		N _{ed} =	0	(KN)	
		α _c =	1.0000		

ELEMENTI CON ARMATURA A TAGLIO

Calcolo di $\cot \theta$

$$\cot(\theta) = 2,93$$

$$\theta = 18,87^\circ$$

IPOTESI 1 $1 \leq \cot \theta \leq 2,5$ Rottura bilanciata $V_{Rsd} = V_{Rcd}$

$$V_{Rsd} = 4457,99 \text{ (KN)} \quad 0,9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 4457,99 \text{ (KN)} \quad 0,9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 4458 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

IPOTESI 2 $\cot \vartheta > 2,5$ Si assume $\vartheta = 21,8^\circ$

Armatura trasversale

$$V_{Rsd} = 3808,18 \text{ (KN)} \quad 0,9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 5024,13 \text{ (KN)} \quad 0,9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 3808 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

IPOTESI 3 $\cot \vartheta = 1$ $\vartheta = 45^\circ$

Armatura trasversale

$$V_{Rsd} = 1523,27 \text{ (KN)} \quad 0,9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 7284,99 \text{ (KN)} \quad 0,9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 1523,27 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

13.2 PARAGHIAIA

Si riassume di seguito l'armatura adottata.

ARMATURA		
Armatura verticale	Armatura orizzontale	Armatura taglio
Arm. tesa	Arm. tesa	Ø12/20x40
10Ø16	10Ø16	
Arm. Compressa	Arm. Compressa	
10Ø16	5Ø16	

La sezione risulta verificata con l'armatura prevista.

13.2.1 Verifica dell'armatura verticale

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40
	Resis. compr. di progetto fcd:	18.810 MPa
	Def.unit. max resistenza ec2:	0.0020
	Def.unit. ultima ecu:	0.0035
	Diagramma tensione-deformaz.:	Parabola-Rettangolo
	Modulo Elastico Normale Ec:	33643.0 MPa
	Resis. media a trazione fctm:	3.100 MPa
	Coeff. Omogen. S.L.E.:	15.00
	Coeff. Omogen. S.L.E.:	15.00
	Sc limite S.L.E. comb. Frequenti:	199.20 daN/cm ²
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200 mm
	Sc limite S.L.E. comb. Q.Permanenti:	0.00 Mpa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200 mm
ACCIAIO -	Tipo:	B450C
	Resist. caratt. snervam. fyk:	450.00 MPa
	Resist. caratt. rottura ftk:	450.00 MPa
	Resist. snerv. di progetto fyd:	391.30 MPa
	Resist. ultima di progetto ftd:	391.30 MPa
	Deform. ultima di progetto Epu:	0.068
	Modulo Elastico Ef	2000000 daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito

Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$: 1.00
 Coeff. Aderenza differito $\beta_1 \cdot \beta_2$: 0.50
 Sf limite S.L.E. Comb. Rare: 360.00 MPa

CARATTERISTICHE DOMINIO CONGLOMERATO

Forma del Dominio: Poligonale
 Classe Conglomerato: C32/40

N° vertice:	X [cm]	Y [cm]
1	-50.0	0.0
2	-50.0	50.0
3	50.0	50.0
4	50.0	0.0

DATI BARRE ISOLATE

N° Barra	X [cm]	Y [cm]	Diam Ø [mm]
1	-41.4	8.6	16
2	-41.4	41.4	16
3	41.4	41.4	16
4	41.4	8.6	16

DATI GENERAZIONI LINEARI DI BARRE

N° Gen. Numero assegnato alla singola generazione lineare di barre
 N° Barra Ini. Numero della barra iniziale cui si riferisce la generazione
 N° Barra Fin. Numero della barra finale cui si riferisce la generazione
 N° Barre Numero di barre generate equidistanti cui si riferisce la generazione
 Ø Diametro in mm delle barre della generazione

N° Gen.	N° Barra Ini.	N° Barra Fin.	N° Barre	Ø
1	1	4	8	16
2	2	3	8	16

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baric. (+ se di compressione)
 Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia
 con verso positivo se tale da comprimere il lembo sup. della sez.
 My Momento flettente [kNm] intorno all'asse y princ. d'inerzia
 con verso positivo se tale da comprimere il lembo destro della sez.
 Vy Componente del Taglio [kN] parallela all'asse princ. d'inerzia y
 Vx Componente del Taglio [kN] parallela all'asse princ. d'inerzia x

N° Comb.	N	Mx	My	Vy	Vx
1	0.00	270.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	81 di 729

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	100.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	100.00 (149.28)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	100.00 (149.28)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 7.8 cm
Interferro netto minimo barre longitudinali: 7.6 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver S = combinazione verificata / N = combin. non verificata
N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
Verifica positiva se tale rapporto risulta >=1.000
As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	S	0.00	270.00	0.00	0.00	319.14	0.00	1.18	40.2(7.4)

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max	Deform. unit. massima del conglomerato a compressione
x/d	Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max	Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max	Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min	Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min	Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min	Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max	Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max	Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max	Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.172	-50.0	50.0	-0.00074	41.4	41.4	-0.01689	-41.4	8.6

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c	Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d	Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid.	Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000492489	-0.021124446	0.172	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver	S = comb. verificata/ N = comb. non verificata
Sc max	Massima tensione (positiva se di compressione) nel conglomerato [Mpa]
Xc max, Yc max	Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Sf min	Minima tensione (negativa se di trazione) nell'acciaio [Mpa]
Xs min, Ys min	Ascissa, Ordinata [cm] della barra corrisp. a Sf min (sistema rif. X,Y,O)
Ac eff.	Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff.	Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.84	-50.0	50.0	-135.5	-32.2	8.6	1249	20.1

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Ver.	La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1	Esito della verifica
e2	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
kt	= 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
k2	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k3	= 0.5 per flessione; $=(e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]
k4	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
Ø	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Cf	Diametro [mm] equivalente delle barre tese comprese nell'area efficace Ac eff [eq.(7.11)EC2]
e sm - e cm	Copri ferro [mm] netto calcolato con riferimento alla barra più tesa
sr max	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC]
wk	Tra parentesi: valore minimo = 0.6 Smax / Es [(7.9)EC2 e (C4.1.8)NTC]
Mx fess.	Massima distanza tra le fessure [mm]
	Apertura fessure in mm calcolata = $sr \max \cdot (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
	Componente momento di prima fessurazione intorno all'asse X [kNm]

My fess. Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00088	0	0.500	16.0	78	0.00041 (0.00041)	434	0.176 (0.20)	149.28	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.84	-50.0	50.0	-135.5	-32.2	8.6	1249	20.1

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00088	0	0.500	16.0	78	0.00041 (0.00041)	434	0.176 (0.20)	149.28	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.84	-50.0	50.0	-135.5	-32.2	8.6	1249	20.1

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00088	0	0.500	16.0	78	0.00041 (0.00041)	434	0.176 (0.20)	149.28	0.00

13.2.2 Verifica dell'armatura orizzontale
CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40
	Resis. compr. di progetto fcd:	18.810 MPa
	Def.unit. max resistenza ec2:	0.0020
	Def.unit. ultima ecu:	0.0035
	Diagramma tensione-deformaz.:	Parabola-Rettangolo
	Modulo Elastico Normale Ec:	33643.0 MPa
	Resis. media a trazione fctm:	3.100 MPa
	Coeff. Omogen. S.L.E.:	15.00
	Coeff. Omogen. S.L.E.:	15.00
	Sc limite S.L.E. comb. Frequenti:	199.20 daN/cm²
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200 mm
	Sc limite S.L.E. comb. Q.Permanenti:	0.00 Mpa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200 mm
ACCIAIO -	Tipo:	B450C
	Resist. caratt. snervam. fyk:	450.00 MPa
	Resist. caratt. rottura ftk:	450.00 MPa
	Resist. snerv. di progetto fyd:	391.30 MPa
	Resist. ultima di progetto ftd:	391.30 MPa
	Deform. ultima di progetto Epu:	0.068
	Modulo Elastico Ef	2000000 daN/cm²
	Diagramma tensione-deformaz.:	Bilineare finito

Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$: 1.00
 Coeff. Aderenza differito $\beta_1 \cdot \beta_2$: 0.50
 Sf limite S.L.E. Comb. Rare: 360.00 MPa

CARATTERISTICHE DOMINIO CONGLOMERATO

Forma del Dominio: Poligonale
 Classe Conglomerato: C32/40

N° vertice:	X [cm]	Y [cm]
1	-50.0	0.0
2	-50.0	50.0
3	50.0	50.0
4	50.0	0.0

DATI BARRE ISOLATE

N° Barra	X [cm]	Y [cm]	Diam Ø [mm]
1	-43.0	7.0	16
2	-43.0	43.0	16
3	43.0	43.0	16
4	43.0	7.0	16

DATI GENERAZIONI LINEARI DI BARRE

N° Gen. Numero assegnato alla singola generazione lineare di barre
 N° Barra Ini. Numero della barra iniziale cui si riferisce la generazione
 N° Barra Fin. Numero della barra finale cui si riferisce la generazione
 N° Barre Numero di barre generate equidistanti cui si riferisce la generazione
 Ø Diametro in mm delle barre della generazione

N° Gen.	N° Barra Ini.	N° Barra Fin.	N° Barre	Ø
1	1	4	8	16
2	2	3	3	16

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baric. (+ se di compressione)
 Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia
 con verso positivo se tale da comprimere il lembo sup. della sez.
 My Momento flettente [kNm] intorno all'asse y princ. d'inerzia
 con verso positivo se tale da comprimere il lembo destro della sez.
 Vy Componente del Taglio [kN] parallela all'asse princ. d'inerzia y
 Vx Componente del Taglio [kN] parallela all'asse princ. d'inerzia x

N° Comb.	N	Mx	My	Vy	Vx
1	0.00	280.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	85 di 729

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	120.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	120.00 (150.16)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	120.00 (150.16)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 6.2 cm
Interferro netto minimo barre longitudinali: 8.0 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver S = combinazione verificata / N = combin. non verificata
N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
Verifica positiva se tale rapporto risulta >=1.000
As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	S	0.00	280.00	0.00	0.00	324.29	0.00	1.16	30.2(7.7)

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max	Deform. unit. massima del conglomerato a compressione
x/d	Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max	Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max	Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min	Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min	Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min	Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max	Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max	Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max	Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.139	-50.0	50.0	-0.00061	-43.0	43.0	-0.02174	-43.0	7.0

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c	Coeff. a, b, c. nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d	Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid.	Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000586889	-0.025844446	0.139	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver	S = comb. verificata/ N = comb. non verificata
Sc max	Massima tensione (positiva se di compressione) nel conglomerato [Mpa]
Xc max, Yc max	Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Sf min	Minima tensione (negativa se di trazione) nell'acciaio [Mpa]
Xs min, Ys min	Ascissa, Ordinata [cm] della barra corrisp. a Sf min (sistema rif. X,Y,O)
Ac eff.	Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff.	Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.40	-50.0	50.0	-155.2	-33.4	7.0	1250	20.1

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Ver.	La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1	Esito della verifica
e2	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
kt	= 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
k2	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k3	= 0.5 per flessione; $=(e1 + e2)/(2*e1)$ per trazione eccentrica [eq.(7.13)EC2]
k4	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
Ø	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Cf	Diametro [mm] equivalente delle barre tese comprese nell'area efficace Ac eff [eq.(7.11)EC2]
e sm - e cm	Copri ferro [mm] netto calcolato con riferimento alla barra più tesa
sr max	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC]
wk	Tra parentesi: valore minimo = 0.6 Smax / Es [(7.9)EC2 e (C4.1.8)NTC]
	Massima distanza tra le fessure [mm]
	Apertura fessure in mm calcolata = $sr \max * (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
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Mx fess. Componente momento di prima fessurazione intorno all'asse X [kNm]
My fess. Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm sr max	wk	Mx fess	My fess
1	S	-0.00096	0	0.500	16.0	62	0.00047 (0.00047) 380	0.177 (0.20)	150.16	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.40	-50.0	50.0	-155.2	-33.4	7.0	1250	20.1

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm sr max	wk	Mx fess	My fess
1	S	-0.00096	0	0.500	16.0	62	0.00047 (0.00047) 380	0.177 (0.20)	150.16	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.40	-50.0	50.0	-155.2	-33.4	7.0	1250	20.1

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm sr max	wk	Mx fess	My fess
1	S	-0.00096	0	0.500	16.0	62	0.00047 (0.00047) 380	0.177 (0.20)	150.16	0.00

13.2.3 Verifica a taglio

SEZIONE					
b _w	=	100	cm		
h	=	50	cm		
c	=	7	cm		
d	=	h-c	=	43	cm
MATERIALI					
f _{ywd}	=	391.30	MPa		
R _{ck}	=	40	MPa		
γ _c	=	1.5			
f _{ck}	=	0.83xR _{ck}	=	33.2	MPa
f _{cd}	=	0.85xf _{ck} /γ _c	=	18.81	MPa
ARMATURE A TAGLIO					
∅ _{st}	=	12			
braccia	=	5			
∅ _{st2}	=	0			
braccia	=	0			
passo	=	40	cm		
(A _{sw} / s)	=	14.137	cm ² / m		
α	=	90	°	(90° staffe verticali)	
TAGLIO AGENTE		V _{Ed} =	530	(KN)	
SFORZO NORMALE		N _{ed} =	0	(KN)	
		α _c =	1.0000		

ELEMENTI CON ARMATURA A TAGLIO

Calcolo di $\cot \theta$

$$\cot(\theta) = 4.00$$

$$\theta = 14.03^\circ$$

IPOTESI 1 $1 \leq \cot \theta \leq 2.5$ Rottura bilanciata $V_{Rsd} = V_{Rcd}$

$$V_{Rsd} = 856.46 \text{ (KN)} \quad 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 856.46 \text{ (KN)} \quad 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 856 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

IPOTESI 2 $\cot \vartheta > 2.5$ Si assume $\vartheta = 21.8^\circ$

Armatura trasversale

$$V_{Rsd} = 535.21 \text{ (KN)} \quad 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 1255.30 \text{ (KN)} \quad 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 535 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

IPOTESI 3 $\cot \vartheta = 1$ $\vartheta = 45^\circ$

Armatura trasversale

$$V_{Rsd} = 214.09 \text{ (KN)} \quad 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 1820.19 \text{ (KN)} \quad 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 214.09 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

13.3 MURI ANDATORI

Si riassume di seguito l'armatura adottata.

ARMATURA		
Armatura verticale	Armatura orizzontale	Armatura taglio
Arm. tesa	Arm. tesa	Ø14/20x40
10Ø26+10Ø20	10Ø26	
Arm. Compressa	Arm. Compressa	
10Ø26	10Ø20	

La sezione risulta verificata con l'armatura prevista.

13.3.1 Verifica dell'armatura verticale

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40	
	Resis. compr. di progetto fcd:	18.810	MPa
	Def.unit. max resistenza ec2:	0.0020	
	Def.unit. ultima ecu:	0.0035	
	Diagramma tensione-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	33643.0	MPa
	Resis. media a trazione fctm:	3.100	MPa
	Coeff. Omogen. S.L.E.:	15.00	
	Coeff. Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Frequenti:	199.20	daN/cm ²
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200	mm
	Sc limite S.L.E. comb. Q.Permanenti:	0.00	Mpa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200	mm
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. snervam. fyk:	450.00	MPa
	Resist. caratt. rottura ftk:	450.00	MPa
	Resist. snerv. di progetto fyd:	391.30	MPa
	Resist. ultima di progetto ftd:	391.30	MPa
	Deform. ultima di progetto Epu:	0.068	
	Modulo Elastico Ef	2000000	daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito	

Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$: 1.00
 Coeff. Aderenza differito $\beta_1 \cdot \beta_2$: 0.50
 Sf limite S.L.E. Comb. Rare: 360.00 MPa

CARATTERISTICHE DOMINIO CONGLOMERATO

Forma del Dominio: Poligonale
 Classe Conglomerato: C32/40

N° vertice:	X [cm]	Y [cm]
1	-50.0	0.0
2	-50.0	140.0
3	50.0	140.0
4	50.0	0.0

DATI BARRE ISOLATE

N° Barra	X [cm]	Y [cm]	DiamØ [mm]
1	-39.7	10.3	26
2	-39.7	129.7	26
3	39.7	129.7	26
4	39.7	10.3	26
5	-39.7	15.2	20
6	39.7	15.2	20

DATI GENERAZIONI LINEARI DI BARRE

N° Gen. Numero assegnato alla singola generazione lineare di barre
 N° Barra Ini. Numero della barra iniziale cui si riferisce la generazione
 N° Barra Fin. Numero della barra finale cui si riferisce la generazione
 N° Barre Numero di barre generate equidistanti cui si riferisce la generazione
 Ø Diametro in mm delle barre della generazione

N° Gen.	N° Barra Ini.	N° Barra Fin.	N° Barre	Ø
1	1	4	8	26
2	2	3	8	26
3	5	6	8	20

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baric. (+ se di compressione)
 Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia con verso positivo se tale da comprimere il lembo sup. della sez.
 My Momento flettente [kNm] intorno all'asse y princ. d'inerzia con verso positivo se tale da comprimere il lembo destro della sez.
 Vy Componente del Taglio [kN] parallela all'asse princ. d'inerzia y
 Vx Componente del Taglio [kN] parallela all'asse princ. d'inerzia x

N° Comb.	N	Mx	My	Vy	Vx
1	0.00	3500.00	0.00	0.00	0.00

 ITALFERR GRUPPO FERROVIE DELLO STATO ITALIANE	RADDOPPIO LINEA CODOGNO – CREMONA – MANTOVA TRATTA PIADENA - MANTOVA					
Relazione di calcolo spalle e fondazioni	COMMESSA NM25	LOTTO 03 D 26	CODIFICA CL	DOCUMENTO IV 30 04 001	REV. A	FOGLIO 92 di 729

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
 Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
 con verso positivo se tale da comprimere il lembo superiore della sezione
 My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
 con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1400.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
 Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
 con verso positivo se tale da comprimere il lembo superiore della sezione
 My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
 con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1400.00 (1356.04)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
 Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
 con verso positivo se tale da comprimere il lembo superiore della sezione
 My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
 con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1300.00 (1356.04)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 9.0 cm
 Interferro netto minimo barre longitudinali: 2.6 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver S = combinazione verificata / N = combin. non verificata
 N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
 Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
 My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
 N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
 Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
 My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
 Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
 Verifica positiva se tale rapporto risulta ≥ 1.000
 As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa

1 S 0.00 3500.00 0.00 0.00 3982.06 0.00 1.14 84.5(23.2)

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max Deform. unit. massima del conglomerato a compressione
x/d Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.112	-50.0	140.0	0.00102	-39.7	129.7	-0.02767	-39.7	10.3

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid. Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000240293	-0.030141019	0.112	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver S = comb. verificata/ N = comb. non verificata
Sc max Massima tensione (positiva se di compressione) nel conglomerato [Mpa]
Xc max, Yc max Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Sf min Minima tensione (negativa se di trazione) nell'acciaio [Mpa]
Xs min, Ys min Ascissa, Ordinata [cm] della barra corrisp. a Sf min (sistema rif. X,Y,O)
Ac eff. Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff. Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.58	-50.0	140.0	-147.1	30.9	10.3	2869	84.5

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Ver. La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1 Esito della verifica
e2 Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1 Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
kt = 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
k2 = 0.4 per comb. quasi permanenti / = 0.6 per comb. frequenti [cfr. eq.(7.9)EC2]
k3 = 0.5 per flessione; $= (e1 + e2) / (2 * e1)$ per trazione eccentrica [eq.(7.13)EC2]
k4 = 3.400 Coeff. in eq.(7.11) come da annessi nazionali
Ø = 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Cf Diametro [mm] equivalente delle barre tese comprese nell'area efficace Ac eff [eq.(7.11)EC2]
e sm - e cm Copriferro [mm] netto calcolato con riferimento alla barra più tesa
Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC]
Tra parentesi: valore minimo = 0.6 Smax / Es [(7.9)EC2 e (C4.1.8)NTC]

sr max Massima distanza tra le fessure [mm]
 wk Apertura fessure in mm calcolata = $sr_{max} \cdot (e_{sm} - e_{cm}) / [(7.8)EC2 \text{ e } (C4.1.7)NTC]$. Valore limite tra parentesi
 Mx fess. Componente momento di prima fessurazione intorno all'asse X [kNm]
 My fess. Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00082	0	0.500	23.4	90	0.00044 (0.00044)	441	0.195 (0.20)	1356.04	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.58	-50.0	140.0	-147.1	30.9	10.3	2869	84.5

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00082	0	0.500	23.4	90	0.00044 (0.00044)	441	0.195 (0.20)	1356.04	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.25	-50.0	140.0	-136.6	30.9	10.3	2869	84.5

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00076	0	0.500	23.4	90	0.00044 (0.00041)	441	0.192 (0.20)	1356.04	0.00

13.3.2 Verifica dell'armatura orizzontale

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C32/40
	Resis. compr. di progetto fcd:	18.810 MPa
	Def.unit. max resistenza ec2:	0.0020
	Def.unit. ultima ecu:	0.0035
	Diagramma tensione-deformaz.:	Parabola-Rettangolo
	Modulo Elastico Normale Ec:	33643.0 MPa
	Resis. media a trazione fctm:	3.100 MPa
	Coeff. Omogen. S.L.E.:	15.00
	Coeff. Omogen. S.L.E.:	15.00
	Sc limite S.L.E. comb. Frequenti:	199.20 daN/cm²
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200 mm
	Sc limite S.L.E. comb. Q.Permanenti:	0.00 Mpa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200 mm

ACCIAIO -	Tipo:	B450C

Resist. caratt. snervam. fyk:	450.00	MPa
Resist. caratt. rottura ftk:	450.00	MPa
Resist. snerv. di progetto fyd:	391.30	MPa
Resist. ultima di progetto ftd:	391.30	MPa
Deform. ultima di progetto Epu:	0.068	
Modulo Elastico Ef	2000000	daN/cm²
Diagramma tensione-deformaz.:	Bilineare finito	
Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$:	1.00	
Coeff. Aderenza differito $\beta_1 \cdot \beta_2$:	0.50	
Sf limite S.L.E. Comb. Rare:	360.00	MPa

CARATTERISTICHE DOMINIO CONGLOMERATO

Forma del Dominio: Poligonale
Classe Conglomerato: C32/40

N° vertice:	X [cm]	Y [cm]
1	-50.0	0.0
2	-50.0	140.0
3	50.0	140.0
4	50.0	0.0

DATI BARRE ISOLATE

N° Barra	X [cm]	Y [cm]	DiamØ [mm]
1	-42.3	7.7	26
2	-42.3	132.3	20
3	42.3	132.3	20
4	42.3	7.7	26

DATI GENERAZIONI LINEARI DI BARRE

N° Gen. Numero assegnato alla singola generazione lineare di barre
N° Barra Ini. Numero della barra iniziale cui si riferisce la generazione
N° Barra Fin. Numero della barra finale cui si riferisce la generazione
N° Barre Numero di barre generate equidistanti cui si riferisce la generazione
Ø Diametro in mm delle barre della generazione

N° Gen.	N° Barra Ini.	N° Barra Fin.	N° Barre	Ø
1	1	4	8	26
2	2	3	8	20

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baric. (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia
con verso positivo se tale da comprimere il lembo sup. della sez.
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia
con verso positivo se tale da comprimere il lembo destro della sez.
Vy Componente del Taglio [kN] parallela all'asse princ. d'inerzia y
Vx Componente del Taglio [kN] parallela all'asse princ. d'inerzia x

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	96 di 729

N°Comb.	N	Mx	My	Vy	Vx
1	0.00	2300.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1100.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1100.00 (1253.12)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1000.00 (1253.12)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 6.4 cm
Interferro netto minimo barre longitudinali: 6.8 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver S = combinazione verificata / N = combin. non verificata
N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)

As Tesa Verifica positiva se tale rapporto risulta ≥ 1.000
Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	S	0.00	2300.00	0.00	0.00	2642.50	0.00	1.15	53.1(23.7)

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max Deform. unit. massima del conglomerato a compressione
x/d Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.077	-50.0	140.0	0.00085	-42.3	132.3	-0.04210	-42.3	7.7

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid. Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000344662	-0.044752684	0.077	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver S = comb. verificata/ N = comb. non verificata
Sc max Massima tensione (positiva se di compressione) nel conglomerato [Mpa]
Xc max, Yc max Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Sf min Minima tensione (negativa se di trazione) nell'acciaio [Mpa]
Xs min, Ys min Ascissa, Ordinata [cm] della barra corrisp. a Sf min (sistema rif. X,Y,O)
Ac eff. Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff. Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.21	-50.0	140.0	-171.1	-23.5	7.7	1900	53.1

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Ver. La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1 Esito della verifica
e2 Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1 Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
kt = 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
k2 = 0.4 per comb. quasi permanenti / = 0.6 per comb. frequenti [cfr. eq.(7.9)EC2]
k3 = 0.5 per flessione; $= (e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]
k4 = 3.400 Coeff. in eq.(7.11) come da annessi nazionali
= 0.425 Coeff. in eq.(7.11) come da annessi nazionali

$\emptyset$ Diametro [mm] equivalente delle barre tese comprese nell'area efficace $A_c \text{ eff}$ [eq.(7.11)EC2]
 C_f Copriferro [mm] netto calcolato con riferimento alla barra più tesa
 $e_{sm} - e_{cm}$ Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC]
 Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
 $s_r \text{ max}$ Massima distanza tra le fessure [mm]
 w_k Apertura fessure in mm calcolata = $s_r \text{ max} * (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
 $M_x \text{ fess.}$ Componente momento di prima fessurazione intorno all'asse X [kNm]
 $M_y \text{ fess.}$ Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	$\emptyset$	C_f	$e_{sm} - e_{cm}$	$s_r \text{ max}$	w_k	$M_x \text{ fess.}$	$M_y \text{ fess.}$
1	S	-0.00092	0	0.500	26.0	64	0.00051 (0.00051)	376	0.193 (0.20)	1253.12	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	$S_c \text{ max}$	$X_c \text{ max}$	$Y_c \text{ max}$	$S_f \text{ min}$	$X_s \text{ min}$	$Y_s \text{ min}$	$A_c \text{ eff.}$	$A_s \text{ eff.}$
1	S	4.21	-50.0	140.0	-171.1	-23.5	7.7	1900	53.1

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	$\emptyset$	C_f	$e_{sm} - e_{cm}$	$s_r \text{ max}$	w_k	$M_x \text{ fess.}$	$M_y \text{ fess.}$
1	S	-0.00092	0	0.500	26.0	64	0.00051 (0.00051)	376	0.193 (0.20)	1253.12	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	$S_c \text{ max}$	$X_c \text{ max}$	$Y_c \text{ max}$	$S_f \text{ min}$	$X_s \text{ min}$	$Y_s \text{ min}$	$A_c \text{ eff.}$	$A_s \text{ eff.}$
1	S	3.83	-50.0	140.0	-155.5	23.5	7.7	1900	53.1

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	$\emptyset$	C_f	$e_{sm} - e_{cm}$	$s_r \text{ max}$	w_k	$M_x \text{ fess.}$	$M_y \text{ fess.}$
1	S	-0.00084	0	0.500	26.0	64	0.00052 (0.00047)	376	0.195 (0.20)	1253.12	0.00

13.3.3 Verifica a taglio

SEZIONE					
b _w	=	100	cm		
h	=	140	cm		
c	=	7,7	cm		
d	=	h-c	=	132,3	cm
MATERIALI					
f _{ywd}	=	391,30	MPa		
R _{ck}	=	40	MPa		
γ _c	=	1,5			
f _{ck}	=	0.83xR _{ck}	=	33,2	MPa
f _{cd}	=	0.85xf _{ck} /γ _c	=	18,81	MPa
ARMATURE A TAGLIO					
∅ _{st}	=	14			
braccia	=	5			
∅ _{st2}	=	0			
braccia	=	0			
passo	=	40	cm		
(A _{sw} / s)	=	19,242	cm ² / m		
α	=	90	°	(90° staffe verticali)	
TAGLIO AGENTE		V _{Ed} =	2200	(KN)	
SFORZO NORMALE		N _{ed} =	0	(KN)	
		α _c =	1.0000		

ELEMENTI CON ARMATURA A TAGLIO

Calcolo di $\cot \theta$

$$\cot(\theta) = 3,39$$

$$\theta = 16,43^\circ$$

IPOTESI 1 $1 \leq \cot \theta \leq 2,5$ Rottura bilanciata $V_{Rsd} = V_{Rcd}$

$$V_{Rsd} = 3039,41 \text{ (KN)} \quad 0,9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 3039,41 \text{ (KN)} \quad 0,9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 3039 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

IPOTESI 2 $\cot \vartheta > 2,5$ Si assume $\vartheta = 21,8^\circ$

Armatura trasversale

$$V_{Rsd} = 2241,37 \text{ (KN)} \quad 0,9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 3862,25 \text{ (KN)} \quad 0,9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 2241 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

IPOTESI 3 $\cot \vartheta = 1$ $\vartheta = 45^\circ$

Armatura trasversale

$$V_{Rsd} = 896,55 \text{ (KN)} \quad 0,9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 5600,26 \text{ (KN)} \quad 0,9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 896,55 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

PLINTO DI FONDAZIONE

Si riassume di seguito l'armatura adottata.

ARMATURA		
Armatura longitudinale	Armatura trasversale	Armatura taglio
Arm. tesa	Arm. tesa	Ø16/20x40
10Ø26	10Ø26	
Arm. Compressa	Arm. Compressa	
10Ø26	10Ø26	

La sezione risulta verificata con l'armatura prevista.

13.3.4 Verifica dell'armatura longitudinale

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C25/30	
	Resis. compr. di progetto fcd:	14.110	MPa
	Def.unit. max resistenza ec2:	0.0020	
	Def.unit. ultima ecu:	0.0035	
	Diagramma tensione-deformaz.:	Parabola-Rettangolo	
	Modulo Elastico Normale Ec:	31447.0	MPa
	Resis. media a trazione fctm:	2.560	MPa
	Coeff. Omogen. S.L.E.:	15.00	
	Coeff. Omogen. S.L.E.:	15.00	
	Sc limite S.L.E. comb. Frequenti:	136.95	daN/cm ²
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200	mm
	Sc limite S.L.E. comb. Q.Permanenti:	0.00	Mpa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200	mm
ACCIAIO -	Tipo:	B450C	
	Resist. caratt. snervam. fyk:	450.00	MPa
	Resist. caratt. rottura ftk:	450.00	MPa
	Resist. snerv. di progetto fyd:	391.30	MPa
	Resist. ultima di progetto ftd:	391.30	MPa
	Deform. ultima di progetto Epu:	0.068	
	Modulo Elastico Ef	2000000	daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito	

Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$: 1.00
 Coeff. Aderenza differito $\beta_1 \cdot \beta_2$: 0.50
 Sf limite S.L.E. Comb. Rare: 337.50 MPa

CARATTERISTICHE DOMINIO CONGLOMERATO

Forma del Dominio: Poligonale
 Classe Conglomerato: C25/30

N° vertice:	X [cm]	Y [cm]
1	-50.0	0.0
2	-50.0	200.0
3	50.0	200.0
4	50.0	0.0

DATI BARRE ISOLATE

N° Barra	X [cm]	Y [cm]	Diam Ø [mm]
1	-43.1	6.9	26
2	-43.1	193.1	26
3	43.1	193.1	26
4	43.1	6.9	26

DATI GENERAZIONI LINEARI DI BARRE

N° Gen. Numero assegnato alla singola generazione lineare di barre
 N° Barra Ini. Numero della barra iniziale cui si riferisce la generazione
 N° Barra Fin. Numero della barra finale cui si riferisce la generazione
 N° Barre Numero di barre generate equidistanti cui si riferisce la generazione
 Ø Diametro in mm delle barre della generazione

N° Gen.	N° Barra Ini.	N° Barra Fin.	N° Barre	Ø
1	1	4	8	26
2	2	3	8	26

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baric. (+ se di compressione)
 Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia
 con verso positivo se tale da comprimere il lembo sup. della sez.
 My Momento flettente [kNm] intorno all'asse y princ. d'inerzia
 con verso positivo se tale da comprimere il lembo destro della sez.
 Vy Componente del Taglio [kN] parallela all'asse princ. d'inerzia y
 Vx Componente del Taglio [kN] parallela all'asse princ. d'inerzia x

N° Comb.	N	Mx	My	Vy	Vx
1	0.00	3600.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1700.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1700.00 (2060.09)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1500.00 (2060.09)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 5.6 cm
Interferro netto minimo barre longitudinali: 7.0 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver S = combinazione verificata / N = combin. non verificata
N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
Verifica positiva se tale rapporto risulta >=1.000
As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	S	0.00	3600.00	0.00	0.00	3900.36	0.00	1.08	53.1(28.6)

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max	Deform. unit. massima del conglomerato a compressione
x/d	Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max	Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max	Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min	Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min	Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min	Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max	Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max	Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max	Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00348	0.049	-50.0	200.0	0.00094	-43.1	193.1	-0.06750	-43.1	6.9

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c	Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d	Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid.	Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000367563	-0.070036185	0.049	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver	S = comb. verificata/ N = comb. non verificata
Sc max	Massima tensione (positiva se di compressione) nel conglomerato [Mpa]
Xc max, Yc max	Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Sf min	Minima tensione (negativa se di trazione) nell'acciaio [Mpa]
Xs min, Ys min	Ascissa, Ordinata [cm] della barra corrisp. a Sf min (sistema rif. X,Y,O)
Ac eff.	Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff.	Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.36	-50.0	200.0	-177.3	14.4	6.9	1700	53.1

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Ver.	La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1	Esito della verifica
e2	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
kt	= 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
k2	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k3	= 0.5 per flessione; $=(e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]
k4	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
Ø	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Cf	Diametro [mm] equivalente delle barre tese comprese nell'area efficace Ac eff [eq.(7.11)EC2]
e sm - e cm	Copri ferro [mm] netto calcolato con riferimento alla barra più tesa
sr max	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC]
wk	Tra parentesi: valore minimo = 0.6 Smax / Es [(7.9)EC2 e (C4.1.8)NTC]
Mx fess.	Massima distanza tra le fessure [mm]
	Apertura fessure in mm calcolata = $sr \max \cdot (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
	Componente momento di prima fessurazione intorno all'asse X [kNm]

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	105 di 729

My fess. Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00093	0	0.500	26.0	56	0.00059 (0.00053)	332	0.196 (0.20)	2060.09	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.36	-50.0	200.0	-177.3	14.4	6.9	1700	53.1

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00093	0	0.500	26.0	56	0.00059 (0.00053)	332	0.196 (0.20)	2060.09	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	2.96	-50.0	200.0	-156.4	4.8	6.9	1700	53.1

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00082	0	0.500	26.0	56	0.00059 (0.00047)	332	0.194 (0.20)	2060.09	0.00

13.3.5 Verifica dell'armatura trasversale
CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C25/30
	Resis. compr. di progetto fcd:	14.110 MPa
	Def.unit. max resistenza ec2:	0.0020
	Def.unit. ultima ecu:	0.0035
	Diagramma tensione-deformaz.:	Parabola-Rettangolo
	Modulo Elastico Normale Ec:	31447.0 MPa
	Resis. media a trazione fctm:	2.560 MPa
	Coeff. Omogen. S.L.E.:	15.00
	Coeff. Omogen. S.L.E.:	15.00
	Sc limite S.L.E. comb. Frequenti:	136.95 daN/cm²
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200 mm
	Sc limite S.L.E. comb. Q.Permanenti:	0.00 Mpa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200 mm
ACCIAIO -	Tipo:	B450C
	Resist. caratt. snervam. fyk:	450.00 MPa
	Resist. caratt. rottura ftk:	450.00 MPa
	Resist. snerv. di progetto fyd:	391.30 MPa
	Resist. ultima di progetto ftd:	391.30 MPa
	Deform. ultima di progetto Epu:	0.068
	Modulo Elastico Ef	2000000 daN/cm²
	Diagramma tensione-deformaz.:	Bilineare finito

Coeff. Aderenza istantaneo $\beta_1 \cdot \beta_2$: 1.00
 Coeff. Aderenza differito $\beta_1 \cdot \beta_2$: 0.50
 Sf limite S.L.E. Comb. Rare: 337.50 MPa

CARATTERISTICHE DOMINIO CONGLOMERATO

Forma del Dominio: Poligonale
 Classe Conglomerato: C25/30

N° vertice:	X [cm]	Y [cm]
1	-50.0	0.0
2	-50.0	200.0
3	50.0	200.0
4	50.0	0.0

DATI BARRE ISOLATE

N° Barra	X [cm]	Y [cm]	Diam Ø [mm]
1	-40.5	9.5	26
2	-40.5	190.5	26
3	40.5	190.5	26
4	40.5	9.5	26

DATI GENERAZIONI LINEARI DI BARRE

N° Gen. Numero assegnato alla singola generazione lineare di barre
 N° Barra Ini. Numero della barra iniziale cui si riferisce la generazione
 N° Barra Fin. Numero della barra finale cui si riferisce la generazione
 N° Barre Numero di barre generate equidistanti cui si riferisce la generazione
 Ø Diametro in mm delle barre della generazione

N° Gen.	N° Barra Ini.	N° Barra Fin.	N° Barre	Ø
1	1	4	8	26
2	2	3	8	26

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baric. (+ se di compressione)
 Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia
 con verso positivo se tale da comprimere il lembo sup. della sez.
 My Momento flettente [kNm] intorno all'asse y princ. d'inerzia
 con verso positivo se tale da comprimere il lembo destro della sez.
 Vy Componente del Taglio [kN] parallela all'asse princ. d'inerzia y
 Vx Componente del Taglio [kN] parallela all'asse princ. d'inerzia x

N° Comb.	N	Mx	My	Vy	Vx
1	0.00	3600.00	0.00	0.00	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1300.00	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1300.00 (2040.63)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione
My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	0.00	1200.00 (2040.63)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 8.2 cm
Interferro netto minimo barre longitudinali: 6.4 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver S = combinazione verificata / N = combin. non verificata
N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)
Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia
My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia
N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)
Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia
My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia
Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)
Verifica positiva se tale rapporto risulta >=1.000
As Tesa Area armature trave [cm²] in zona tesa. [Tra parentesi l'area minima ex (4.1.15)NTC]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Tesa
1	S	0.00	3600.00	0.00	0.00	3822.39	0.00	1.06	53.1(28.2)

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max	Deform. unit. massima del conglomerato a compressione
x/d	Rapporto di duttilità [§ 4.1.2.1.2.1 NTC] deve essere < 0.45
Xc max	Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
Yc max	Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)
es min	Deform. unit. minima nell'acciaio (negativa se di trazione)
Xs min	Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
Ys min	Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)
es max	Deform. unit. massima nell'acciaio (positiva se di compress.)
Xs max	Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)
Ys max	Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	x/d	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.062	-50.0	200.0	0.00069	-40.5	190.5	-0.05293	-40.5	9.5

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c	Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d	Rapp. di duttilità (travi e solette)[§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid.	Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000296217	-0.055743348	0.062	0.700

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver	S = comb. verificata/ N = comb. non verificata
Sc max	Massima tensione (positiva se di compressione) nel conglomerato [Mpa]
Xc max, Yc max	Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Sf min	Minima tensione (negativa se di trazione) nell'acciaio [Mpa]
Xs min, Ys min	Ascissa, Ordinata [cm] della barra corrisp. a Sf min (sistema rif. X,Y,O)
Ac eff.	Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff.	Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	2.66	-50.0	200.0	-138.1	31.5	9.5	2350	53.1

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Ver.	La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1	Esito della verifica
e2	Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
k1	Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
kt	= 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
k2	= 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
k3	= 0.5 per flessione; $=(e1 + e2)/(2 \cdot e1)$ per trazione eccentrica [eq.(7.13)EC2]
k4	= 3.400 Coeff. in eq.(7.11) come da annessi nazionali
Ø	= 0.425 Coeff. in eq.(7.11) come da annessi nazionali
Cf	Diametro [mm] equivalente delle barre tese comprese nell'area efficace Ac eff [eq.(7.11)EC2]
e sm - e cm	Copri ferro [mm] netto calcolato con riferimento alla barra più tesa
sr max	Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC]
wk	Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
Mx fess.	Massima distanza tra le fessure [mm]
	Apertura fessure in mm calcolata = $sr \max \cdot (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
	Componente momento di prima fessurazione intorno all'asse X [kNm]

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	109 di 729

My fess. Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00073	0	0.500	26.0	82	0.00041 (0.00041)	474	0.197 (0.20)	2040.63	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	2.66	-50.0	200.0	-138.1	31.5	9.5	2350	53.1

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00073	0	0.500	26.0	82	0.00041 (0.00041)	474	0.197 (0.20)	2040.63	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	2.46	50.0	200.0	-127.5	31.5	9.5	2350	53.1

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00068	0	0.500	26.0	82	0.00038 (0.00038)	474	0.181 (0.20)		

13.3.6 Verifica a taglio e punzonamento

Si riportano di seguito le verifiche di resistenza a taglio e punzonamento per le situazioni più gravose per il plinto di fonazione.

Le verifiche nei confronti del punzonamento è svolta in accordo al paragrafo 4.1.2.3.5.4 delle NTC18, utilizzando le procedure riportate nell' UNI EN 1992-1-1, §6.4. Per il palo di bordo si è considerato un perimetro ridotto alla sola semicirconferenza ricadente all'interno della platea.

SEZIONE					
b _w	=	100	cm		
h	=	200	cm		
c	=	6.9	cm		
d	=	h-c	=	193.1	cm
MATERIALI					
f _{ywd}	=	391.30	MPa		
R _{ck}	=	30	MPa		
γ _c	=	1.5			
f _{ck}	=	0.83xR _{ck}	=	24.9	MPa
f _{cd}	=	0.85xf _{ck} /γ _c	=	14.11	MPa
ARMATURE A TAGLIO					
ø _{st}	=	16			
braccia	=	5			
ø _{st2}	=	0			
braccia	=	0			
passo	=	40	cm		
(A _{sw} / s)	=	25.133	cm ² / m		
α	=	90	°	(90° staffe verticali)	
TAGLIO AGENTE		V _{Ed} =	4200	(KN)	
SFORZO NORMALE		N _{ed} =	0	(KN)	
		α _c =	1.0000		

ELEMENTI CON ARMATURA A TAGLIO

Calcolo di $\cot \theta$

$$\cot(\theta) = 2.48$$

$$\theta = 21.92^\circ$$

IPOTESI 1 $1 \leq \cot \theta \leq 2.5$ Rottura bilanciata $V_{Rsd} = V_{Rcd}$

$$V_{Rsd} = 4246.70 \text{ (KN)} \quad 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 4246.70 \text{ (KN)} \quad 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 4247 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

IPOTESI 2 $\cot \vartheta > 2.5$ Si assume $\vartheta = 21.8^\circ$

Armatura trasversale

$$V_{Rsd} = 4272.87 \text{ (KN)} \quad 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 4227.89 \text{ (KN)} \quad 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 4228 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

IPOTESI 3 $\cot \vartheta = 1$ $\vartheta = 45^\circ$

Armatura trasversale

$$V_{Rsd} = 1709.15 \text{ (KN)} \quad 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\cot \alpha + \cot \theta) \cdot \sin \alpha$$

$$V_{Rcd} = 6130.44 \text{ (KN)} \quad 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot (\cot \alpha + \cot \theta) / (1 + \cot^2 \theta)$$

$$V_{Rd} = 1709.15 \text{ (KN)} \quad \min(V_{Rsd}, V_{Rcd})$$

VERIFICA A PUNZONAMENTO PIASTRE EC2 -UNI EN 1992-1-1 - Caso palo d'angolo

DATI PALO

D	=	1500	mm
Hp (piastra)	=	2000	mm
cx (copriferro asse)	=	69	mm
cy (copriferro asse)	=	95	mm
dx	=	Hp-cx	= 1931 mm
dy	=	Hp-cy	= 1905 mm
deff (altezza utile media)	=	(dx+dy)/2	= 1918 mm
d1x (dist. asse colonna-bordo)	=	1500	mm
d1y (dist. asse colonna-bordo)	=	1500	mm
u1 (perimetro di verifica)	=	$((2\pi((D/2)+2deff))/4)+d1x+d1y$	= 10200.0 mm

TIPOLOGIA COLONNA

UBICAZIONE	A
β	= 1.5

MATERIALI

f_{ywd}	=	391.30	MPa	acciaio
R_{ck}	=	30	MPa	cls
γ_c	=	1.5		
f_{ck}	=	$0.83 \times R_{ck}$	= 24.9	MPa
f_{cd}	=	$0.85 \times f_{ck} / \gamma_c$	= 14.11	MPa
f_{ctm}	=	$0.3 \times (f_{ck})^{2/3}$	= 2.56	MPa
f_{ctk}	=	$0.7 \times f_{ctm}$	= 1.79	MPa
f_{ctd}	=	f_{ctk} / γ_c	= 1.19	MPa

ARMATURE LONGITUDINALI PER FLESSIONE PRESENTI NELLA PIASTRA

ϕ_{lx}	=	26	mm	diametro barre X
Numero arm x	=	10	1/m	numero barre X a ml
A_{slix}	=	5309.29	mm ² /m	area barre X a ml
leffx	=	13.01	m	larghezza efficace dir Y
A_{slx}	=	69063.26	mm ²	acciaio X nella largh. efficace
ϕ_{ly}	=	26	mm	diametro barre Y
Numero arm y	=	10	1/m	numero barre Y a ml
A_{sliy}	=	5309.29	mm ² /m	area barre Y a ml
leffx	=	13.01	m	larghezza efficace dir X
A_{sly}	=	69063.26	mm ²	acciaio Y nella largh. efficace

SOLLECITAZIONE DI CALCOLO

SFORZO NORMALE PALO	$V_{Ed} =$	6342	(KN)
MOMENTO FLETTENTE RISULTANTE	$M_{yEd} =$	0	(KNm)
SFORZO NORMALE PIASTRA	$N_{Ed} =$	0	(KN)

TENSIONE TANGENZIALE DI CALCOLO

tensione tangenziale	$v_{Ed} = \beta \cdot V_{Ed} / (u1 \cdot d)$	0.49	MPa

Relazione di calcolo spalle e fondazioni

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ELEMENTI SENZA ARMATURA A TAGLIO

Crdc	=	0.12	0,18/‰
k	=	1.32	$1 + (200/d)^{1/2} \leq 2$
vmin	=	0.266	
ρ_{lx}	=	0.0028	percentuale armatura tesa X
ρ_{ly}	=	0.0028	percentuale armatura tesa Y
ρ_l	=	0.0028	percentuale media geometrica
σ_{cp}	=	0.0000	(MPa) tensione di compressione cls

TENSIONE TANGENZIALE LIMITE SENZA ARMATURA

TENSIONE TANGENZIALE LIMITE SENZA ARMATURA						
$V_{Rd,c}$	=	0.30	(MPa)	$V_{min+0.15\sigma_{cp}}$	0.27	(MPa)
$V_{Rd,c}$	=	0.30	(MPa)	resistenza a taglio cls non armato		
Esito verifica	=	Verifica a punzonamento non soddisfatta. Armatura necessaria a taglio				
Fattore di sicurezza	FS =	$V_{Rd,c}/V_{Ed}$	0.62			

ELEMENTI CON ARMATURA A TAGLIO

ϕ_{st}	=	16	mm	diametro spille
passo x spilli (il minore dei due)	=	40	cm	
passo y spilli	=	20	cm	
nbr	=	46		numero di spille su un perimetro
d	=	1918	mm	altezza utile media
α	=	90	°	(spille verticali)
fywdeff	=	391.3	Mpa	tensione limite acciaio
Asw	=	9177.5	mm ²	area di acciaio su un perimetro
sr	=	400	mm	passo radiale

$V_{Rd,CS}$	=	1.55	(MPa)	resistenza a taglio cls con armatura
Esito verifica				
Fattore di sicurezza FS = $V_{Rd,cs}/V_{Ed}$				
		3.18		

 ITALFERR GRUPPO FERROVIE DELLO STATO ITALIANE	RADDOPPIO LINEA CODOGNO – CREMONA – MANTOVA TRATTA PIADENA - MANTOVA					
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13.4 VERIFICA DEI PALI DI FONDAZIONE

Le sollecitazioni agenti in testa palo vengono calcolate nell'ipotesi di platea di fondazione infinitamente rigida attraverso la relazione:

$$N = \frac{N}{n^{\circ}pali} + \frac{M_l}{J_l} \cdot x + \frac{M_t}{J_t} \cdot y$$

dove N, M_l, M_t, sono lo sforzo normale e i momenti flettenti longitudinale e trasversale agenti al baricentro della palificata, n°pali è il numero di pali, J_l e J_t sono le inerzie longitudinale e trasversale della palificata:

$$J_l = \sum x_i^2 \quad J_t = \sum y_i^2$$

Per quanto riguarda le sollecitazioni orizzontali in testa palo, si assume che le azioni di taglio di ripartiscano uniformemente tra i pali, risultando:

$$T = \frac{\sqrt{H_l^2 + H_t^2}}{n^{\circ}pali}$$

dove H_l e H_t sono le forze orizzontali longitudinale e trasversale agenti al baricentro della palificata.

I pali saranno armati con uno strato di 45Ø32+40Ø32 e con una spirale Ø14/10, necessari per soddisfare la verifica del carico limite orizzontale. Tale armatura costituisce la prima gabbia e si estende per 15 metri. La successiva gabbia sarà realizzata con un'armatura costituita da 40Ø26, fino a circa 30m dalla testa del palo, superiore al limite normativo del 1% dell'area di calcestruzzo per uno sviluppo di almeno 10 diametri. Infine le successive gabbie saranno costituite da 30Ø20, corrispondenti ad un'area complessiva dello 0.4% dell'area di calcestruzzo, pari al valore minimo previsto dalla normativa.

Si riassume di seguito l'armatura adottata.

ARMATURA			
Armatura 1	Armatura 2	Armatura 3	Armatura taglio
45Ø32+40Ø32	40Ø26	30Ø20	Gabbia 1 Ø14/10 Gabbia 2 Ø14/20 Gabbia 3 Ø12/20

13.4.1 Verifiche strutturali

CARATTERISTICHE DI RESISTENZA DEI MATERIALI IMPIEGATI

CALCESTRUZZO -	Classe:	C25/30
	Resis. compr. di progetto fcd:	14.160 MPa
	Resis. compr. ridotta fcd':	7.080 MPa
	Def.unit. max resistenza ec2:	0.0020
	Def.unit. ultima ecu:	0.0035
	Diagramma tensione-deformaz.:	Parabola-Rettangolo
	Modulo Elastico Normale Ec:	31475.0 MPa
	Resis. media a trazione fctm:	2.560 MPa
	Coeff. Omogen. S.L.E.:	15.00
	Coeff. Omogen. S.L.E.:	15.00
	Sc limite S.L.E. comb. Frequenti:	137.50 daN/cm ²
	Ap.Fessure limite S.L.E. comb. Frequenti:	0.200 mm
	Sc limite S.L.E. comb. Q.Permanenti:	0.00 Mpa
	Ap.Fess.limite S.L.E. comb. Q.Perm.:	0.200 mm
ACCIAIO -	Tipo:	B450C
	Resist. caratt. snervam. fyk:	450.00 MPa
	Resist. caratt. rottura ftk:	450.00 MPa
	Resist. snerv. di progetto fyd:	391.30 MPa
	Resist. ultima di progetto ftd:	391.30 MPa
	Deform. ultima di progetto Epu:	0.068
	Modulo Elastico Ef	2000000 daN/cm ²
	Diagramma tensione-deformaz.:	Bilineare finito
	Coeff. Aderenza istantaneo $\beta_1 \beta_2$:	1.00
	Coeff. Aderenza differito $\beta_1 \beta_2$:	0.50
	Sf limite S.L.E. Comb. Rare:	337.50 MPa

CARATTERISTICHE DOMINIO CONGLOMERATO

Forma del Dominio:	Circolare
Classe Conglomerato:	C25/30

Raggio circ.:	75.0 cm
X centro circ.:	0.0 cm
Y centro circ.:	0.0 cm

DATI GENERAZIONI CIRCOLARI DI BARRE

N° Gen.	Numero assegnato alla singola generazione circolare di barre				
Xcentro	Ascissa [cm] del centro della circonf. lungo cui sono disposte le barre generate				
Ycentro	Ordinata [cm] del centro della circonf. lungo cui sono disposte le barre generate				
Raggio	Raggio [cm] della circonferenza lungo cui sono disposte le barre generate				
N° Barre	Numero di barre generate equidist. disposte lungo la circonferenza				
Ø	Diametro [mm] della singola barra generata				

N° Gen.	Xcentro	Ycentro	Raggio	N° Barre	Ø

1	0.0	0.0	66.0	45	32
2	0.0	0.0	59.6	40	32

ARMATURE A TAGLIO

Diametro staffe: 14 mm
 Passo staffe: 10.0 cm
 Staffe: Una sola staffa chiusa perimetrale

CALCOLO DI RESISTENZA - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N	Sforzo normale [kN] applicato nel Baric. (+ se di compressione)				
Mx	Momento flettente [kNm] intorno all'asse x princ. d'inerzia con verso positivo se tale da comprimere il lembo sup. della sez.				
My	Momento flettente [kNm] intorno all'asse y princ. d'inerzia con verso positivo se tale da comprimere il lembo destro della sez.				
Vy	Componente del Taglio [kN] parallela all'asse princ.d'inerzia y				
Vx	Componente del Taglio [kN] parallela all'asse princ.d'inerzia x				
N°Comb.	N	Mx	My	Vy	Vx
1	5208.23	2215.86	0.00	886.14	0.00
2	7968.06	2215.86	0.00	886.14	0.00
3	1519.24	3783.24	0.00	1515.14	0.00
4	7698.64	3783.24	0.00	1515.14	0.00

COMB. RARE (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
 Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
 con verso positivo se tale da comprimere il lembo superiore della sezione
 My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
 con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	3839.59	1644.22	0.00
2	5891.53	1644.22	0.00

COMB. FREQUENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)
 Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
 con verso positivo se tale da comprimere il lembo superiore della sezione
 My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
 con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	3882.61	1555.09 (3352.54)	0.00 (0.00)
2	5699.96	1555.09 (7417.78)	0.00 (0.00)

COMB. QUASI PERMANENTI (S.L.E.) - SFORZI PER OGNI COMBINAZIONE ASSEGNATA

N Sforzo normale [kN] applicato nel Baricentro (+ se di compressione)

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Mx Momento flettente [kNm] intorno all'asse x princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo superiore della sezione

My Momento flettente [kNm] intorno all'asse y princ. d'inerzia (tra parentesi Mom.Fessurazione)
con verso positivo se tale da comprimere il lembo destro della sezione

N°Comb.	N	Mx	My
1	3868.27	1377.87 (3924.39)	0.00 (0.00)
2	5243.06	1377.87 (8676.92)	0.00 (0.00)

RISULTATI DEL CALCOLO

Sezione verificata per tutte le combinazioni assegnate

Copriferro netto minimo barre longitudinali: 7.4 cm
Interferro netto minimo barre longitudinali: 3.2 cm
Copriferro netto minimo staffe: 6.0 cm

VERIFICHE DI RESISTENZA IN PRESSO-TENSO FLESSIONE ALLO STATO LIMITE ULTIMO

Ver S = combinazione verificata / N = combin. non verificata

N Sforzo normale assegnato [kN] nel baricentro B sezione cls.(positivo se di compressione)

Mx Componente del momento assegnato [kNm] riferito all'asse x princ. d'inerzia

My Componente del momento assegnato [kNm] riferito all'asse y princ. d'inerzia

N Res Sforzo normale resistente [kN] nel baricentro B sezione cls.(positivo se di compress.)

Mx Res Momento flettente resistente [kNm] riferito all'asse x princ. d'inerzia

My Res Momento flettente resistente [kNm] riferito all'asse y princ. d'inerzia

Mis.Sic. Misura sicurezza = rapporto vettoriale tra (N r,Mx Res,My Res) e (N,Mx,My)

Verifica positiva se tale rapporto risulta >=1.000

As Totale Area totale barre longitudinali [cm²]. [Tra parentesi il valore minimo di normativa]

N°Comb	Ver	N	Mx	My	N Res	Mx Res	My Res	Mis.Sic.	As Totale
1	S	5208.23	2215.86	0.00	5208.23	13350.04	0.00	6.02	683.6(53.0)
2	S	7968.06	2215.86	0.00	7967.81	13522.30	0.00	6.10	683.6(53.0)
3	S	1519.24	3783.24	0.00	1519.23	12829.69	0.00	3.39	683.6(53.0)
4	S	7698.64	3783.24	0.00	7698.38	13512.58	0.00	3.57	683.6(53.0)

METODO AGLI STATI LIMITE ULTIMI - DEFORMAZIONI UNITARIE ALLO STATO ULTIMO

ec max Deform. unit. massima del conglomerato a compressione

Xc max Deform. unit. massima del conglomerato a compressione

Yc max Ascissa in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)

es min Ordinata in cm della fibra corrisp. a ec max (sistema rif. X,Y,O sez.)

Xs min Deform. unit. minima nell'acciaio (negativa se di trazione)

Ys min Ascissa in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)

es max Ordinata in cm della barra corrisp. a es min (sistema rif. X,Y,O sez.)

Xs max Deform. unit. massima nell'acciaio (positiva se di compress.)

Ys max Ascissa in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

Ordinata in cm della barra corrisp. a es max (sistema rif. X,Y,O sez.)

N°Comb	ec max	Xc max	Yc max	es min	Xs min	Ys min	es max	Xs max	Ys max
1	0.00350	0.0	75.0	0.00301	4.6	65.8	-0.00402	0.0	-66.0
2	0.00350	0.0	75.0	0.00305	4.6	65.8	-0.00339	0.0	-66.0
3	0.00350	0.0	75.0	0.00294	4.6	65.8	-0.00510	0.0	-66.0
4	0.00350	0.0	75.0	0.00305	4.6	65.8	-0.00344	0.0	-66.0

POSIZIONE ASSE NEUTRO PER OGNI COMB. DI RESISTENZA

a, b, c Coeff. a, b, c nell'eq. dell'asse neutro $aX+bY+c=0$ nel rif. X,Y,O gen.
x/d Rapp. di duttilità (travi e solette) [§ 4.1.2.1.2.1 NTC]: deve essere < 0.45
C.Rid. Coeff. di riduz. momenti per sola flessione in travi continue

N°Comb	a	b	c	x/d	C.Rid.
1	0.000000000	0.000053356	-0.000501684	----	----
2	0.000000000	0.000048851	-0.000163842	----	----
3	0.000000000	0.000060992	-0.001074394	----	----
4	0.000000000	0.000049254	-0.000194068	----	----

VERIFICHE A TAGLIO

Diam. Staffe: 14 mm
Passo staffe: 10.0 cm [Passo massimo di normativa = 25.0 cm]

Ver S = comb. verificata a taglio / N = comb. non verificata
Ved Taglio di progetto [kN] = proiezione di V_x e V_y sulla normale all'asse neutro
Vcd Taglio compressione resistente [kN] lato conglomerato [formula (4.1.28) NTC]
Vwd Taglio resistente [kN] assorbito dalle staffe [(4.1.18) NTC]
d | z Altezza utile media pesata sezione ortogonale all'asse neutro | Braccio coppia interna [cm]
 Vengono prese nella media le strisce con almeno un estremo compresso.
 I pesi della media sono costituiti dalle stesse lunghezze delle strisce.
bw Larghezza media resistente a taglio [cm] misurate parallel. all'asse neutro
 E' data dal rapporto tra l'area delle sopradette strisce resistenti e D_{med} .
Ctg Cotangente dell'angolo di inclinazione dei puntoni di conglomerato
Acw Coefficiente maggiorativo della resistenza a taglio per compressione
Ast Area staffe+legature strettam. necessarie a taglio per metro di pil.[cm²/m]
A.Eff Area staffe+legature efficaci nella direzione del taglio di combinaz.[cm²/m]
 Tra parentesi è indicata la quota dell'area relativa alle sole legature.
 L'area della legatura è ridotta col fattore L/d_{max} con L =lunghezza legatura proiettata sulla direzione del taglio e d_{max} = massima altezza utile nella direzione del taglio.

N°Comb	Ver	Ved	Vcd	Vwd	d z	bw	Ctg	Acw	Ast	A.Eff
1	S	886.14	4012.04	2979.99	118.5 98.8	137.6	2.500	1.208	9.2	30.8(0.0)
2	S	886.14	3994.10	2878.05	118.3 95.4	137.1	2.500	1.250	9.5	30.8(0.0)
3	S	1515.14	3637.50	3156.04	120.1 104.7	134.2	2.500	1.061	14.8	30.8(0.0)
4	S	1515.14	4010.01	2887.56	118.3 95.8	137.2	2.500	1.250	16.2	30.8(0.0)

COMBINAZIONI RARE IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

Ver S = comb. verificata / N = comb. non verificata
Sc max Massima tensione (positiva se di compressione) nel conglomerato [Mpa]
Xc max, Yc max Ascissa, Ordinata [cm] del punto corrisp. a Sc max (sistema rif. X,Y,O)
Sf min Minima tensione (negativa se di trazione) nell'acciaio [Mpa]
Xs min, Ys min Ascissa, Ordinata [cm] della barra corrisp. a Sf min (sistema rif. X,Y,O)
Ac eff. Area di calcestruzzo [cm²] in zona tesa considerata aderente alle barre
As eff. Area barre [cm²] in zona tesa considerate efficaci per l'apertura delle fessure

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.28	0.0	0.0	-20.8	0.0	-66.0	865	40.2
2	S	4.86	0.0	0.0	-5.0	0.0	-66.0	373	8.0

COMBINAZIONI RARE IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Ver. La sezione viene assunta sempre fessurata anche nel caso in cui la trazione minima del calcestruzzo sia inferiore a f_{ctm}
e1 Esito della verifica
 Massima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata

e2 Minima deformazione unitaria di trazione nel calcestruzzo (trazione -) valutata in sezione fessurata
 k1 = 0.8 per barre ad aderenza migliorata [eq.(7.11)EC2]
 kt = 0.4 per comb. quasi permanenti / = 0.6 per comb.frequenti [cfr. eq.(7.9)EC2]
 k2 = 0.5 per flessione; $= (e1 + e2) / (2 * e1)$ per trazione eccentrica [eq.(7.13)EC2]
 k3 = 3.400 Coeff. in eq.(7.11) come da annessi nazionali
 k4 = 0.425 Coeff. in eq.(7.11) come da annessi nazionali
 Ø Diametro [mm] equivalente delle barre tese comprese nell'area efficace $A_{c\ eff}$ [eq.(7.11)EC2]
 Cf Copriferro [mm] netto calcolato con riferimento alla barra più tesa
 e sm - e cm Differenza tra le deformazioni medie di acciaio e calcestruzzo [(7.8)EC2 e (C4.1.7)NTC]
 Tra parentesi: valore minimo = $0.6 S_{max} / E_s$ [(7.9)EC2 e (C4.1.8)NTC]
 sr max Massima distanza tra le fessure [mm]
 wk Apertura fessure in mm calcolata = $sr\ max * (e_{sm} - e_{cm})$ [(7.8)EC2 e (C4.1.7)NTC]. Valore limite tra parentesi
 Mx fess. Componente momento di prima fessurazione intorno all'asse X [kNm]
 My fess. Componente momento di prima fessurazione intorno all'asse Y [kNm]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00013	0	0.500	32.0	74	0.00006 (0.00006)	369	0.023 (0.20)	3116.50	0.00
2	S	-0.00005	0	0.500	32.0	74	0.00001 (0.00001)	504	0.008 (0.20)	6835.02	0.00

COMBINAZIONI FREQUENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	4.11	0.0	0.0	-17.4	0.0	-66.0	784	40.2
2	S	4.64	0.0	0.0	-3.9	0.0	-66.0	488	24.1

COMBINAZIONI FREQUENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00011	0	0.500	32.0	74	0.00005 (0.00005)	358	0.019 (0.20)	3352.54	0.00
2	S	-0.00004	0	0.500	32.0	74	0.00001 (0.00001)	362	0.004 (0.20)	7417.78	0.00

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - MASSIME TENSIONI NORMALI ED APERTURA FESSURE (NTC/EC2)

N°Comb	Ver	Sc max	Xc max	Yc max	Sf min	Xs min	Ys min	Ac eff.	As eff.
1	S	3.75	0.0	0.0	-11.8	0.0	-66.0	551	24.1
2	S	4.17	0.0	0.0	-2.3	0.0	-66.0	488	24.1

COMBINAZIONI QUASI PERMANENTI IN ESERCIZIO - APERTURA FESSURE [§ 7.3.4 EC2]

Comb.	Ver	e1	e2	k2	Ø	Cf	e sm - e cm	sr max	wk	Mx fess	My fess
1	S	-0.00008	0	0.500	32.0	74	0.00004 (0.00004)	376	0.013 (0.20)	3924.39	0.00
2	S	-0.00003	0	0.500	32.0	74	0.00001 (0.00001)	362	0.002 (0.20)	8676.92	0.00

13.4.2 Verifiche geotecniche

13.4.2.1 Verifiche di capacità portante

CALCOLO DELLA CAPACITA' PORTANTE DI UN PALO TRIVELLATO DI GRANDE DIAMETRO

CANTIERE:

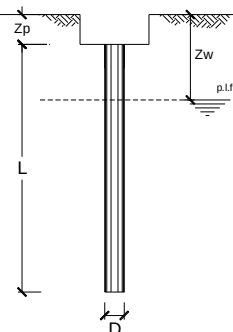
OPERA:

DATI DI INPUT:

Diametro del Palo (D): 1.50 (m) Area del Palo (Ap): 1.767 (m²)
Quota testa Palo dal p.c. (z_p): 3.00 (m) Quota falda dal p.c. (z_w): 1.50 (m)
Carico Assiale Permanente (G): 5243 (kN) Carico Assiale variabile (Q): 667 (kN)
Numero di strati 5  L_{palo} = 33.00 (m)

coefficienti parziali		azioni		resistenza laterale e di base		
Metodo di calcolo		permanenti	variabili	γ _b	γ _s	γ _{s var}
SLU	A1+M1+R1	1.30	1.50	1.00	1.00	1.00
	A2+M1+R2	1.00	1.30	1.70	1.45	1.60
	A1+M1+R3	1.30	1.50	1.35	1.15	1.25
	SISMA	1.00	1.00	1.35	1.15	1.25
DMB8		1.00	1.00	1.00	1.00	1.00
definiti dal progettista		1.10	1.20	1.50	1.30	1.30

n	1	2	3	4	5	7	≥10	T.A.	prog.
γ _s	1.70	1.65	1.60	1.55	1.50	1.45	1.40	1.00	1.00
γ _b	1.70	1.55	1.48	1.42	1.34	1.28	1.21	1.00	1.00



Strato		Spess	PARAMETRI MEDI			
(-)		(m)	Parametri del terreno			
Tipo di terreno			γ	c' med	φ' med	c _u med
			(kN/m ³)	(kPa)	(°)	(kPa)
1	1.20	WRS2	19.00	0.0	33.0	
2	6.00	RS1	19.00	0.0	33.0	
3	8.30	RS2	19.00	0.0	34.0	
4	2.50	RA1	19.00	0.0	24.0	
5	15.00	RS2	19.00	0.0	34.0	

Coefficienti di Calcolo			
k	μ	α	α
(-)	(-)	(-)	(-)
0.46	0.65		
0.46	0.65		
0.44	0.67		
0.59	0.45		
0.44	0.67		

(n.b.: lo spessore degli strati è computato dalla quota di intradosso del plinto)

Strato		Spess	PARAMETRI MINIMI (solo per SLU)			
(-)		(m)	Parametri del terreno			
Tipo di terreno			γ	c' min	φ' min	c _u min
			(kN/m ³)	(kPa)	(°)	(kPa)
1	1.20	WRS2	19.00	0.0	33.0	
2	6.00	RS1	19.00	0.0	33.0	
3	8.30	RS2	19.00	0.0	34.0	
4	2.50	RA1	19.00	0.0	24.0	
5	15.00	RS2	19.00	0.0	34.0	

Coefficienti di Calcolo			
k	μ	α	α
(-)	(-)	(-)	(-)
0.46	0.65		
0.46	0.65		
0.44	0.67		
0.59	0.45		
0.44	0.67		

RISULTATI

Strato		Spess	media					minima (solo SLU)				
(-)		(m)	Q _{s1}	N _q	q _b	Q _{bm}	Q _{s1}	N _q	N _c	q _b	Q _{bm}	Q _{bm}
			(kN)	(-)	(kPa)	(kN)	(kN)	(-)	(-)	(kPa)	(kN)	(kN)
1	1.20	WRS2	79.3				79.3					
2	6.00	RS1	667.2				667.2					
3	8.30	RS2	1676.4				1676.4					
4	2.50	RA1	599.8				599.8					
5	15.00	RS2	5706.1	14.36	0.00	4868.6	5706.1	14.36	0.00	4868.6	8603.5	8603.5

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	121 di 729

CARICO ASSIALE AGENTE

$$N_d = N_g \cdot \gamma_g + N_q \cdot \gamma_q$$

$$N_d = 7816.4 \text{ (kN)}$$

CAPACITA' PORTANTE MEDIA

$$\text{base } R_{b, \text{cal med}} = 8603.5 \text{ (kN)}$$

$$\text{laterale } R_{s, \text{cal med}} = 8728.7 \text{ (kN)}$$

$$\text{totale } R_{c, \text{cal med}} = 17332.2 \text{ (kN)}$$

CAPACITA' PORTANTE MINIMA

$$\text{base } R_{b, \text{cal min}} = 8603.5 \text{ (kN)}$$

$$\text{laterale } R_{s, \text{cal min}} = 8728.7 \text{ (kN)}$$

$$\text{totale } R_{c, \text{cal min}} = 17332.2 \text{ (kN)}$$

CAPACITA' PORTANTE CARATTERISTICA

$$R_{b, k} = \text{Min}(R_{b, \text{cal med}}/\xi_3 ; R_{b, \text{cal min}}/\xi_3) = 5060.9 \text{ (kN)}$$

$$R_{s, k} = \text{Min}(R_{s, \text{cal med}}/\xi_3 ; R_{s, \text{cal min}}/\xi_3) = 5134.6 \text{ (kN)}$$

$$R_{c, k} = R_{b, k} + R_{s, k} = 10195.4 \text{ (kN)}$$

CAPACITA' PORTANTE DI PROGETTO

$$R_{c, d} = R_{b, k}/\gamma_b + R_{s, k}/\gamma_s$$

$$R_{c, d} = 8213.6 \text{ (kN)}$$

$$F_s = R_{c, d} / N_d$$

$$F_s = 1.05$$

CALCOLO DELLA CAPACITA' PORTANTE DI UN PALO TRIVELLATO DI GRANDE DIAMETRO

CANTIERE:

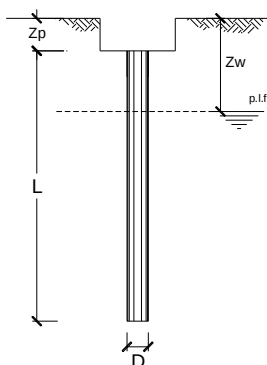
OPERA:

DATI DI INPUT:

Diametro del Palo (D): 1.50 (m) Area del Palo (A_p): 1.767 (m²)
 Quota testa Palo dal p.c. (z_p): 3.00 (m) Quota falda dal p.c. (z_w): 1.50 (m)
 Carico Assiale Permanente (G): 5243 (kN) Carico Assiale variabile (Q): 667 (kN)
 Numero di strati 5 Lpalo = 33.00 (m)

coefficienti parziali			azioni		resistenza laterale e di base		
Metodo di calcolo			permanenti γ _G	variabili γ _Q	γ _b	γ _s	γ _s traz
SLU	A1+M1+R1	○	1.30	1.50	1.00	1.00	1.00
	A2+M1+R2	○	1.00	1.30	1.70	1.45	1.60
	A1+M1+R3	●	1.30	1.50	1.35	1.15	1.25
	SISMA	○	1.00	1.00	1.35	1.15	1.25
DM88		○	1.00	1.00	1.00	1.00	1.00
definiti dal progettista			1.10	1.20	1.50	1.30	1.30

n	1	2	3	4	5	7	≥10	T.A.	prog.
ξ _b	1.70	1.65	1.60	1.55	1.50	1.45	1.40	1.00	1.00
ξ _d	1.70	1.55	1.48	1.42	1.34	1.28	1.21	1.00	1.00



Strato		Spess	Tipo di terreno	PARAMETRI MEDI			
(-)		(m)		γ	c' med	φ' med	c _u med
				(kN/m ³)	(kPa)	(°)	(kPa)
1	1.20		WRS2	19.00	0.0	33.0	
2	6.00		RS1	19.00	0.0	33.0	
3	8.30		RS2	19.00	0.0	34.0	
4	2.50		RA1	19.00			70.0
5	15.00		RS2	19.00	0.0	34.0	

(n.b.: lo spessore degli strati è computato dalla quota di intradosso del plinto)

Coefficienti di Calcolo			
k	μ	a	α
(-)	(-)	(-)	(-)
0.46	0.65		
0.46	0.65		
0.44	0.67		
0.00	0.00		0.60
0.44	0.67		

Strato		Spess	Tipo di terreno	PARAMETRI MINIMI (solo per SLU)			
(-)		(m)		γ	c' min	φ' min	c _u min
				(kN/m ³)	(kPa)	(°)	(kPa)
1	1.20		WRS2	19.00	0.0	33.0	
2	6.00		RS1	19.00	0.0	33.0	
3	8.30		RS2	19.00	0.0	34.0	
4	2.50		RA1	19.00			70.0
5	15.00		RS2	19.00	0.0	34.0	

Coefficienti di Calcolo			
k	μ	a	α
(-)	(-)	(-)	(-)
0.46	0.65		
0.46	0.65		
0.44	0.67		
0.00	0.00		0.60
0.44	0.67		

RISULTATI

Strato		Spess	Tipo di terreno	media					minima (solo SLU)				
(-)		(m)		Q _{si}	N _q	N _c	q _b	Q _{bm}	Q _{si}	N _q	N _c	q _b	Q _{bm}
				(kN)	(-)	(-)	(kPa)	(kN)	(kN)	(-)	(-)	(kPa)	(kN)
1	1.20		WRS2	79.3					79.3				
2	6.00		RS1	667.2					667.2				
3	8.30		RS2	1676.4					1676.4				
4	2.50		RA1	494.8					494.8				
5	15.00		RS2	5706.1	14.36	0.00	4868.6	8603.5	5706.1	14.36	0.00	4868.6	8603.5

CARICO ASSIALE AGENTE

$$N_d = N_g \cdot \gamma_g + N_q \cdot \gamma_q$$

$N_d = 7816.4 \text{ (kN)}$

CAPACITA' PORTANTE MEDIA

base $R_{b;cal \text{ med}} = 8603.5 \text{ (kN)}$
 laterale $R_{s;cal \text{ med}} = 8623.7 \text{ (kN)}$
 totale $R_{c;cal \text{ med}} = 17227.2 \text{ (kN)}$

CAPACITA' PORTANTE MINIMA

base $R_{b;cal \text{ min}} = 8603.5 \text{ (kN)}$
 laterale $R_{s;cal \text{ min}} = 8623.7 \text{ (kN)}$
 totale $R_{c;cal \text{ min}} = 17227.2 \text{ (kN)}$

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	123 di 729

CAPACITA' PORTANTE CARATTERISTICA

$$R_{b,k} = \text{Min}(R_{b,cal\ med}/\xi_3 ; R_{b,cal\ min}/\xi_4) = 5060.9 \text{ (kN)}$$

$$R_{s,k} = \text{Min}(R_{s,cal\ med}/\xi_3 ; R_{s,cal\ min}/\xi_4) = 5072.8 \text{ (kN)}$$

$$R_{c,k} = R_{b,k} + R_{s,k} = 10133.7 \text{ (kN)}$$

CAPACITA' PORTANTE DI PROGETTO

$$R_{c,d} = R_{bk}/\gamma_b + R_{sk}/\gamma_s$$

$$R_{c,d} = 8159.9 \text{ (kN)}$$

$$F_s = R_{c,d} / N_d$$

$$F_s = 1.04$$

13.4.2.2 Verifiche del carico limite orizzontale

Calcolo del momento di plasticizzazione di una sezione circolare

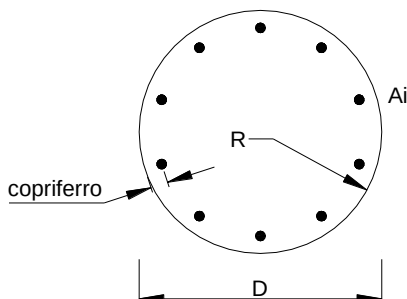
Diametro = 1500 (mm)
Raggio = 750 (mm)
Sforzo Normale = 3500 (kN)

Caratteristiche dei Materiali

calcestruzzo

Rck = 30 (Mpa)
fck = 25 (Mpa)
 $\gamma_c = 1.5$
 $\alpha_{cc} = 0.85$

$f_{cd} = \alpha_{cc} f_{ck} / \gamma_c = 14.17$ (Mpa)



Acciaio

tipo di acciaio

$f_{yk} = 450$ (Mpa)

$\gamma_s = 1.15$

$f_{yd} = f_{yk} / \gamma_s = 391.3$ (Mpa)

$E_s = 206000$ (Mpa)

$\epsilon_{ys} = 0.190\%$

$\epsilon_{uk} = 10.000\%$

Armature

numero	diametro (mm)	area (mm ²)	copriferro (mm)
45	φ 32	36191	90
40	φ 32	32170	154
0	φ 0	0	30

Calcolo

Momento di Plasticizzazione

$M_y = 13156.9$ (kN m)

Inserisci

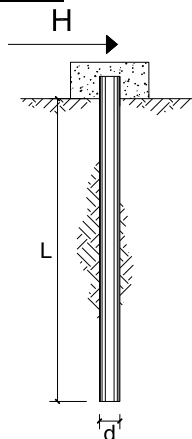
**CARICO LIMITE ORIZZONTALE DI UN PALO IN TERRENI INCOERENTI
PALI CON ROTAZIONE IN TESTA IMPEDITA**

OPERA: -

TEORIA DI BASE:

(Broms, 1964)

coefficienti parziali			A		M	R
Metodo di calcolo			permanenti	variabili	γ_ϕ	γ_τ
			γ_G	γ_Q		
SUS	A1+M1+R1	☐	1.30	1.50	1.00	1.00
	A2+M1+R2	☐	1.00	1.30	1.00	1.60
	A1+M1+R3	☐	1.30	1.50	1.00	1.30
	SISMA	☒	1.00	1.00	1.00	1.30
DM88		☐	1.00	1.00	1.00	1.00
definiti dal progettista		☐	1.00	1.00	1.25	1.00



n	1	2	3	4	5	7	≥10	T.A.	prog.
ξ_3	1.70	1.65	1.60	1.55	1.50	1.45	1.40	1.00	1.40
ξ_4	1.70	1.55	1.48	1.42	1.34	1.28	1.21	1.00	1.40

Palo corto:
$$H = 1.5 k_p \gamma d^3 \left(\frac{L}{d} \right)^2$$

Palo intermedio:
$$H = \frac{1}{2} k_p \gamma d^3 \left(\frac{L}{d} \right)^2 + \frac{M_y}{L}$$

Palo lungo:
$$H = k_p \gamma d^3 \sqrt[3]{3.676 \frac{M_y}{k_p \gamma d^4}}$$

DATI DI INPUT:

Lunghezza del palo	L =	33.00	(m)		
Diametro del palo	d =	1.50	(m)		
Momento di plasticizzazione della sezione	My =	13156.89	(kN m)		
Angolo di attrito del terreno	$\phi'_{med} =$	31.00	(°)	$\phi'_{min} =$	24.00 (°)
Angolo di attrito di calcolo del terreno	$\phi'_{med,d} =$	31.00	(°)	$\phi'_{min,d} =$	24.00 (°)
Coeff. di spinta passiva ($k_p = (1 + \sin \phi') / (1 - \sin \phi')$)	$k_{p,med} =$	3.12	(-)	$k_{p,min} =$	2.37 (-)
Peso di unità di volume (con falda $\gamma = \gamma'$)	$\gamma =$	9.00	(kN/m³)		
Carico Assiale Permanente (G):	G =	1893.58	(kN)		
Carico Assiale variabile (Q):	Q =		(kN)		

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	126 di 729

Palo corto:

H1_{med} = 68892.00 (kN) **H1_{min}** = 52289.94 (kN)

Palo intermedio:

H2_{med} = 23362.69 (kN) **H2_{min}** = 17828.68 (kN)

Palo lungo:

H3_{med} = 4620.64 (kN) **H3_{min}** = 4214.88 (kN)

H_{med} = 4620.64 (kN) palo lungo **H_{min}** = 4214.88 (kN) palo lungo

H_k = Min(**H_{med}**/**ξ₃** ; **R_{min}**/**ξ₄**) = 2479.34 (kN)

H_d = **H_k**/**γ_T** = 1907.19 (kN)

F_d = **G** · **γ_G** + **Q** · **γ_Q** = 1893.58 (kN)

FS = **H_d** / **F_d** = 1.01

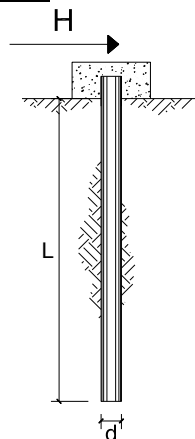
**CARICO LIMITE ORIZZONTALE DI UN PALO IN TERRENI COESIVI
PALI CON ROTAZIONE IN TESTA IMPEDITA**

OPERA: -

TEORIA DI BASE:

(Broms, 1964)

coefficienti parziali			A		M	R
Metodo di calcolo			permanenti	variabili		
			γ_G	γ_Q	γ_{cu}	γ_T
SUS	A1+M1+R1	☐	1.30	1.50	1.00	1.00
	A2+M1+R2	☐	1.00	1.30	1.00	1.60
	A1+M1+R3	☐	1.30	1.50	1.00	1.30
	SISMA	☒	1.00	1.00	1.00	1.30
DM88			☐	1.00	1.00	1.00
definiti dal progettista			☐	1.30	1.50	1.40



n	1	2	3	4	5	7	≥10	T.A.	prog.
ξ_3	1.70	1.65	1.60	1.55	1.50	1.45	1.40	1.00	1.00
ξ_4	1.70	1.55	1.48	1.42	1.34	1.28	1.21	1.00	1.00

Palo corto:

$$H = 9c_u d^2 \left(\frac{L}{d} - 15 \right)$$

Palo intermedio:

$$H = -9c_u d^2 \left(\frac{L}{d} + 15 \right) + 9c_u d^2 \sqrt{2 \left(\frac{L}{d} \right)^2 + \frac{4}{9} \frac{M_y}{c_u d^3}} + 4.5$$

Palo lungo:

$$H = -13.5c_u d^2 + c_u d^2 \sqrt{182.25 + 36 \frac{M_y}{c_u d^3}}$$

DATI DI INPUT:

Lunghezza del palo	L =	33.00	(m)		
Diametro del palo	d =	1.50	(m)		
Momento di plasticizzazione della sezione	M_y =	13156.89	(kN m)		
Coesione non drenata	$c_{u \text{ med}}$ =	70.00	(kPa)	$c_{u \text{ min}}$ =	70.00 (kPa)
Coesione non drenata di progetto	$c_{u \text{ med,d}}$ =	70.00	(kPa)	$c_{u \text{ min,d}}$ =	70.00 (kPa)
Carico Assiale Permanente (G):	G =	1893.58	(kN)		
Carico Assiale variabile (Q):	Q =	0	(kN)		

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	128 di 729

Palo corto:

H1_{med} = 29058.75 (kN) **H1_{min}** = 29058.75 (kN)

Palo intermedio:

H2_{med} = 11452.39 (kN) **H2_{min}** = 11452.39 (kN)

Palo lungo:

H3_{med} = 5239.48 (kN) **H3_{min}** = 5239.48 (kN)

H_{med} = 5239.48 (kN) palo lungo **H_{min}** = 5239.48 (kN) palo lungo

H_k = Min(**H_{med}**/**ξ₃** ; **R_{min}**/**ξ₄**) = 3082.05 (kN)

H_d = **H_k**/**γ_T** = 2370.81 (kN)

F_d = **G** · **γ_G** + **Q** · **γ_Q** = 1893.58 (kN)

FS = **H_d** / **F_d** = 1.25

13.4.2.3 Valutazione dei cedimenti

CALCOLO DEL CEDIMENTO DELLA PALIFICATA

OPERA:

DATI DI IMPUT:

Diametro del Palo (D): 1.50 (m)
 Carico sul palo (P): 5892.0 (kN)
 Lunghezza del Palo (L): 33.00 (m)
 Lunghezza Utile del Palo (Lu): 15.00 (m)
 Modulo di Deformazione (E): 60.00 (MPa)
 Numero di pali della Palificata (n): 16 (-)
 Spaziatura dei pali (s): 4.5 (m)

CEDIMENTO DEL PALO SINGOLO:

$$\delta = \beta \cdot P / E \cdot L_{utile}$$

Coefficiente di forma

$$\beta = 0,5 + \text{Log}(L_{utile} / D): 1.50 (-)$$

Cedimento del palo

$$\delta = \beta \cdot P / E \cdot L_{utile} = 9.82 \text{ (mm)}$$

CEDIMENTO DELLA PALIFICATA:

$$\delta_p = R_s \cdot \delta = n \cdot R_g \cdot \delta$$

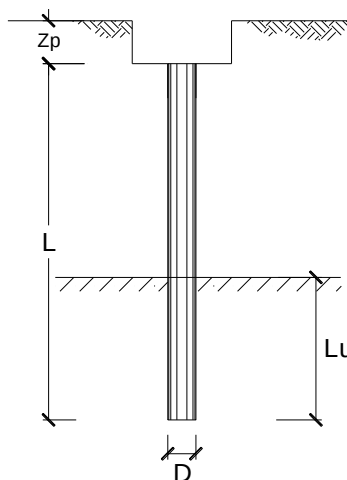
Coefficiente di Gruppo

$$R_g = 0,5 / R + 0,13 / R^2 \quad (\text{Viggiani, 1999})$$

$$R = (n \cdot s / L)^{0,5} \quad R = 1.477$$

Cedimento della palificata

$$\delta_p = n \cdot R_g \cdot \delta = 16 \cdot 0.40 \cdot 9.82 = 62.55 \text{ (mm)}$$



 ITALFERR GRUPPO FERROVIE DELLO STATO ITALIANE	RADDOPPIO LINEA CODOGNO – CREMONA – MANTOVA TRATTA PIADENA - MANTOVA					
Relazione di calcolo spalle e fondazioni	COMMESSA NM25	LOTTO 03 D 26	CODIFICA CL	DOCUMENTO IV 30 04 001	REV. A	FOGLIO 130 di 729

13.5 VERIFICA DEI BAGGIOLI

Il dimensionamento e la verifica dell'armatura a tranciamento e di quella trasversale a fenditura dei baggioli, è stato eseguito in funzione delle massime azioni registrate sugli apparecchi di appoggio allo Stato Limite Ultimo (condizioni statiche) e allo Stato Limite di Salvaguardia della Vita (SLV) da spettro elastico (condizioni sismiche).

13.5.1 Verifica pressione nel calcestruzzo

Si riporta di seguito la verifica.

VERIFICA A PRESSIONE NEL CALCESTRUZZO							
Reazione verticale dell'appoggio	P	1925	kN				
Dimensione appoggio	a	0,39	m				
Dimensione baggiolo	d	0,80	m				
Area caricata	A _{car}	0,15	m ²				
Tensione nel calcestruzzo	σ_{cls}	12,66	MPa	<	0.45f _{ck} =	14,9	MPa Ok. Verificato

13.5.2 Armatura a tranciamento

L'armatura longitudinale si dimensiona a tranciamento.

Si riporta di seguito la verifica.

DIMENSIONAMENTO ARMATURA A TRANCIAMENTO (LONGITUDINALE)			
Massimo taglio agente	T	104	kN
Tensione snervamento acciaio	f _d	391,30	MPa
Area minima	A	4,62	cm ²
Numero di bracci	n	8	-
Diametro	φ	16	mm
Area resistente	A _R	16,0768	cm ²
Fattore di sicurezza	F _s	3,48	-

13.5.3 Armatura trasversale

L'armatura trasversale si dimensiona in base alla forza di fenditura.

Il baggiolo di dimensione d su cui è poggiato l'apparecchio di appoggio di dimensione a soggetto ad una forza P avrà un andamento delle isostatiche di compressione di questo tipo:

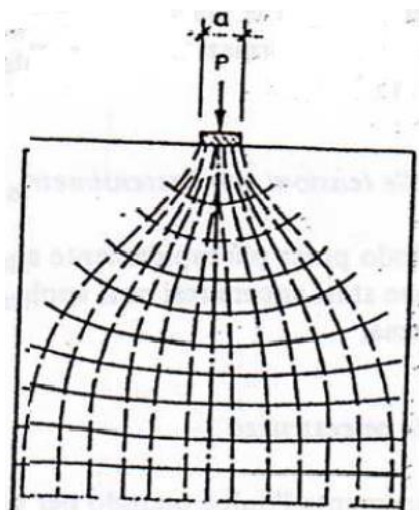


Figura 39 Andamento delle isostatiche di compressione

La curva delle tensioni di trazione trasversale σ_y risulta essere quella riportata nella Figura di seguito.

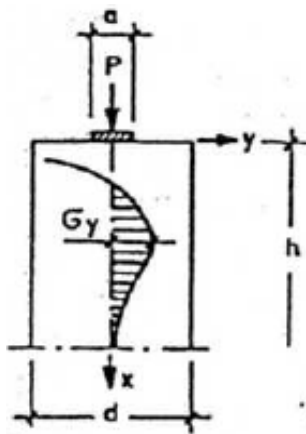


Figura 40 Curva delle tensioni di trazione trasversale σ_y

Con l'area delle tensioni di trazione si ottiene la forza di fenditura $T = \int \sigma_y dx$ con la quale si deve dimensionare l'armatura. Tale forza è pari a:

$$T = 0,25 \cdot P \cdot \left(1 - \frac{a}{d}\right)$$

Di seguito si esibisce la verifica dell'armatura resistente alla massima forza di fenditura.

DIMENSIONAMENTO ARMATURA TRASVERSALE			
Massima forza di fenditura	F_{fend}	197	kN
Tensione snervamento acciaio	f_d	391,30	MPa
Area minima	A	5,04	cm ²
Diametro	ϕ	20	mm
Altezza utile di disposizione dell'armatura	h	20	cm
Passo	s	15	cm
Area resistente	A_R	12,56	cm ²
Fattore di sicurezza	Fs	2,49	-

 ITALFERR GRUPPO FERROVIE DELLO STATO ITALIANE	RADDOPPIO LINEA CODOGNO – CREMONA – MANTOVA TRATTA PIADENA - MANTOVA					
Relazione di calcolo spalle e fondazioni	COMMESSA NM25	LOTTO 03 D 26	CODIFICA CL	DOCUMENTO IV 30 04 001	REV. A	FOGLIO 133 di 729

13.6 VERIFICA RITEGNI LONGITUDINALI

13.6.1 Verifica puntone-tirante

VERIFICA STRUT&TIE (PUNTONE TIRANTE)

Larghezza mensola	b	4000	mm
Altezza mensola	h	730	mm
Copriferro tirante principale all'asse	c	50	mm
Altezza utile	d=h-c	680	mm
Distanza di applicazione carico	a	420	mm

Materiali

Resistenza di calcolo snervamento acciaio	f_{ywd}	391,3	MPa
Resistenza caratteristica Cubica Cls	R_{ck}	40,00	MPa
Fattore parziale materiale Cls	γ_c	1,5	
Resistenza caratteristica Cilindrica Cls	$f_{ck}=0.83 \times R_{ck}$	33,2	MPa
Resistenza di calcolo Cilindrica Cls	$f_{cd}=0.85 \times f_{ck} / \gamma_c$	18,81	MPa

Sollecitazioni agenti

Sollecitazione verticale agente di calcolo	P_{Ed}	400	kN
Sollecitazione orizzontale agente di calcolo	H_{Ed}	0	kN
Sollecitazione assiale	N_{Ed}	0	kN

Armatura tirante principale

Diametro armatura corrente principale	$\varnothing_l$	16	mm
Numero di barre di armatura	n	20	
Area totale di acciaio tirante principale	A_{sl}	4021	mm ²

Verifiche di resistenza

Lunghezza teorica tirante principale	l	556	mm
Parametro inclinazione	$\lambda = l / (0.9d) \approx ct.g\psi$	0,908	
Parametro che tiene conto della staffatura dell'elemento di attacco della mensola	c	1,5	

Resistenza del tirante costituito dall'armatura tesa	P_{ts}	1732	kN
Resistenza del puntone di cls compresso	P_{tc}	16820	kN

Verifica gerarchia di resistenza ($P_{RS} < P_{RC}$)

Esito	Verifica positiva		
Fattore di sicurezza tirante teso	FS_{acc}	4,3	
Fattore di sicurezza puntone compresso	FS_{CLS}	42,05	

13.7 VERIFICA RITEGNI TRASVERSALI

13.7.1 Verifica puntone-tirante

VERIFICA STRUT&TIE (PUNTONE TIRANTE)

Larghezza mensola	b	1250	mm
Altezza mensola	h	1000	mm
Copriferro tirante principale all'asse	c	50	mm
Altezza utile	d=h-c	950	mm
Distanza di applicazione carico	a	420	mm

Materiali

Resistenza di calcolo snervamento acciaio	f_{ywd}	391.3	MPa
Resistenza caratteristica Cubica Cls	R_{ck}	40.00	MPa
Fattore parziale materiale Cls	γ_c	1.5	
Resistenza caratteristica Cilindrica Cls	$f_{ck}=0.83 \times R_{ck}$	33.2	MPa
Resistenza di calcolo Cilindrica Cls	$f_{cd}=0.85 \times f_{ck} / \gamma_c$	18.81	MPa

Sollecitazioni agenti

Sollecitazione verticale agente di calcolo	P_{Ed}	200	kN
Sollecitazione orizzontale agente di calcolo	H_{Ed}	0	kN
Sollecitazione assiale	N_{Ed}	0	kN

Armatura tirante principale

Diametro armatura corrente principale	ϕ	16	mm
Numero di barre di armatura	n	6	
Area totale di acciaio tirante principale	A_{sl}	1257	mm ²

Verifiche di resistenza

Lunghezza teorica tirante principale	l	610	mm
Parametro inclinazione	$\lambda = l / (0.9d) \approx ct.gw$	0.713	
Parametro che tiene conto della staffatura dell'elemento di attacco della mensola	c	1.5	

Resistenza del tirante costituito dall'armatura tesa	P_{rs}	689	kN
Resistenza del puntone di cls compresso	P_{rc}	8883	kN

Verifica gerarchia di resistenza ($P_{rs} < P_{rc}$)

Fattore di sicurezza tirante teso	FS_{acc}	3.4
Fattore di sicurezza puntone compresso	FS_{cls}	44.41

Verifica positiva

14. VALUTAZIONE DELLE INCIDENZE

Si riportano, di seguito, i risultati ottenuti dalla valutazione delle incidenze degli elementi che costituiscono la spalla.

Elemento	Spessore [m]	Armatura longitudinale				Armatura trasversale				Spilli				Sommano [kg]	Incidenza di progetto [kg/m ³]
		Lato	Diametro [mm]	N°	Peso [kg/m]	Lato	Diametro [mm]	N°	Peso [kg/m]	Diametro [mm]	Maglia [cmxcm]	N°	Peso [kg/m]		
Fondazione	2.00	LATO A	26	10	41.68	LATO A	26	10	41.68	16	20x40	12.5	19.725	186.45	110
		LATO B	26	10	41.68	LATO B	26	10	41.68						
Muro frontale	1.80	LATO A	26	15	62.52	LATO A	26	10	41.68	16	20x40	12.5	19.725	190.27	120
		LATO B	26	10	41.68	LATO B	20	10	24.66						
Muro paraghiaia	0.50	LATO A	16	10	15.78	LATO A	16	10	15.78	12	20x40	12.5	11.1	66.33	150
		LATO B	16	10	15.78	LATO B	16	5	7.89						
Muri andatori	1.40	LATO A	26	20	83.36	LATO A	26	10	41.68	14	20x40	12.5	15.1	189.46	170
		LATO B	20	10	24.66	LATO B	20	10	24.66						

Elemento	Diametro [m]	Armatura verticale				Armatura a taglio		Peso [kg]	Incidenza di progetto [kg/m ³]
		Gabbia	Diametro [mm]	N°	L [m]	Diametro [mm]	Passo [m]		
Pali	1.5	Gabbia 1	32	85	15	14	0.10	11713.77	220
		Gabbia 2	26	40	15	14	0.20		
		Gabbia 3	20	30	3	12	0.20		

15. TABULATI DI CALCOLO

/ _____

/ LOAD CASE DEFINITIONS

LoadCase	2	1	"PP"
Gravity	3		-9.806650000000000E+0
LCInclude	3		
LoadCase	4	0	"IMP G1"
LCInclude	3		
LoadCase	7	0	"SPINTA STATICA"
LCInclude	3		
LoadCase	3	0	"RIEMPIMENTO"
LCInclude	3		
LoadCase	6	0	"IMP G2"
LCInclude	3		
LoadCase	8	0	"SPINTA PERM"
LCInclude	3		
LoadCase	10	0	"IMP ACC"

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	137 di 729

LCInclude 3

LoadCase 9 0 "SPINTA ACC"

LCInclude 3

LoadCase 19 0 "IMP FREN"

LCInclude 3

LoadCase 20 0 "IMP VENTO"

LCInclude 3

LoadCase 21 0 "IMP PARASSITE"

LCInclude 3

LoadCase 11 0 "SPINTA SISMA LONG"

LCInclude 3

LoadCase 12 0 "SPINTA SISMA TRASV"

LCInclude 3

LoadCase 13 2 "INERZIA LONG"

Acceleration 0.00000000000000E+0 -1.70000000000000E+0 0.00000000000000E+0

LCInclude 3

LoadCase 14 2 "INERZIA TRASV"

Acceleration 1.70000000000000E+0 0.00000000000000E+0 0.00000000000000E+0

LCInclude 3

LoadCase 15 0 "IMP INERZIA LONG"

LCInclude 3

LoadCase 16 0 "IMP INERZIA TRASV"

LCInclude 3

LoadCase 17 0 "INERZIA TERRENO LONG"

LCInclude 3

LoadCase 18 0 "INERZIA TERRENO TRASV"

LCInclude 3

LoadCase 22 0 "URTO"

LCInclude 3

/ _____

/ COORDINATE SYSTEM DEFINITIONS

CoordSys 1 "Global XYZ" GlobalXYZ

/ _____

/ NODE COORDINATES

Node	1	1.36749999992248E+1	4.29999999897688E+0	9.50000000000000E+0
Node	2	1.36749999993014E+1	4.78147758815643E+0	9.50000000000000E+0
Node	3	1.36749999993781E+1	5.26295517733597E+0	9.50000000000000E+0
Node	4	1.36749999994547E+1	5.74443276651552E+0	9.50000000000000E+0
Node	5	1.36749999995313E+1	6.22591035569507E+0	9.50000000000000E+0
Node	6	1.36749999996079E+1	6.70738794487461E+0	9.50000000000000E+0
Node	7	1.36749999996846E+1	7.18886553405416E+0	9.50000000000000E+0
Node	8	1.36749999997612E+1	7.67034312323370E+0	9.50000000000000E+0
Node	9	1.36749999998378E+1	8.15182071241325E+0	9.50000000000000E+0
Node	10	1.36749999999144E+1	8.63329830159279E+0	9.50000000000000E+0
Node	11	1.36749999999911E+1	9.11477589077234E+0	9.50000000000000E+0
Node	12	1.36750000000677E+1	9.59625347995188E+0	9.50000000000000E+0
Node	13	1.36750000001443E+1	1.00777310691314E+1	9.50000000000000E+0
Node	14	1.36750000002209E+1	1.05592086583109E+1	9.50000000000000E+0
Node	15	1.36750000002976E+1	1.10406862474905E+1	9.50000000000000E+0
Node	16	1.36750000003742E+1	1.15221638366700E+1	9.50000000000000E+0
Node	17	1.36750000004508E+1	1.20036414258496E+1	9.50000000000000E+0
Node	18	1.36750000003818E+1	1.20036414258496E+1	1.00000000000000E+1
Node	19	1.36750000003128E+1	1.20036414258496E+1	1.05000000000000E+1
Node	20	1.36750000002437E+1	1.20036414258496E+1	1.10000000000000E+1
Node	21	1.36750000001747E+1	1.20036414258496E+1	1.15000000000000E+1
Node	22	1.36749999992248E+1	4.29999999897688E+0	1.15000000000000E+1
Node	23	1.36749999992248E+1	4.29999999897688E+0	1.10000000000000E+1
Node	24	1.36749999992248E+1	4.29999999897688E+0	1.05000000000000E+1
Node	25	1.36749999992248E+1	4.29999999897688E+0	1.00000000000000E+1
Node	26	1.36749999993397E+1	4.78147758815643E+0	1.00000000000000E+1
Node	27	1.36749999994547E+1	5.26295517733597E+0	1.00000000000000E+1

Node	28	1.36749999995696E+1	5.74443276651552E+0	1.00000000000000E+1
Node	29	1.36749999996846E+1	6.22591035569506E+0	1.00000000000000E+1
Node	30	1.36749999997995E+1	6.70738794487461E+0	1.00000000000000E+1
Node	31	1.36749999999144E+1	7.18886553405415E+0	1.00000000000000E+1
Node	32	1.36750000000294E+1	7.67034312323370E+0	1.00000000000000E+1
Node	33	1.36750000001443E+1	8.15182071241324E+0	1.00000000000000E+1
Node	34	1.36750000002592E+1	8.63329830159279E+0	1.00000000000000E+1
Node	35	1.36750000003742E+1	9.11477589077234E+0	1.00000000000000E+1
Node	36	1.36750000004891E+1	9.59625347995188E+0	1.00000000000000E+1
Node	37	1.36750000006041E+1	1.00777310691314E+1	1.00000000000000E+1
Node	38	1.36750000007190E+1	1.05592086583109E+1	1.00000000000000E+1
Node	39	1.36750000008339E+1	1.10406862474905E+1	1.00000000000000E+1
Node	40	1.36750000009489E+1	1.15221638366700E+1	1.00000000000000E+1
Node	41	1.36749999993397E+1	4.78147758815643E+0	1.05000000000000E+1
Node	42	1.36749999994547E+1	5.26295517733597E+0	1.05000000000000E+1
Node	43	1.36749999995696E+1	5.74443276651552E+0	1.05000000000000E+1
Node	44	1.36749999996846E+1	6.22591035569506E+0	1.05000000000000E+1
Node	45	1.36749999997995E+1	6.70738794487461E+0	1.05000000000000E+1
Node	46	1.36749999999144E+1	7.18886553405415E+0	1.05000000000000E+1
Node	47	1.36750000000294E+1	7.67034312323370E+0	1.05000000000000E+1
Node	48	1.36750000001443E+1	8.15182071241324E+0	1.05000000000000E+1
Node	49	1.36750000002592E+1	8.63329830159279E+0	1.05000000000000E+1
Node	50	1.36750000003742E+1	9.11477589077234E+0	1.05000000000000E+1
Node	51	1.36750000004891E+1	9.59625347995188E+0	1.05000000000000E+1
Node	52	1.36750000006041E+1	1.00777310691314E+1	1.05000000000000E+1
Node	53	1.36750000007190E+1	1.05592086583109E+1	1.05000000000000E+1
Node	54	1.36750000008339E+1	1.10406862474905E+1	1.05000000000000E+1

Node	55	1.36750000009489E+1	1.15221638366700E+1	1.05000000000000E+1
Node	56	1.36749999993397E+1	4.78147758815643E+0	1.10000000000000E+1
Node	57	1.36749999994547E+1	5.26295517733597E+0	1.10000000000000E+1
Node	58	1.36749999995696E+1	5.74443276651552E+0	1.10000000000000E+1
Node	59	1.36749999996846E+1	6.22591035569506E+0	1.10000000000000E+1
Node	60	1.36749999997995E+1	6.70738794487461E+0	1.10000000000000E+1
Node	61	1.36749999999144E+1	7.18886553405415E+0	1.10000000000000E+1
Node	62	1.36750000000294E+1	7.67034312323370E+0	1.10000000000000E+1
Node	63	1.36750000001443E+1	8.15182071241325E+0	1.10000000000000E+1
Node	64	1.36750000002592E+1	8.63329830159279E+0	1.10000000000000E+1
Node	65	1.36750000003742E+1	9.11477589077234E+0	1.10000000000000E+1
Node	66	1.36750000004891E+1	9.59625347995188E+0	1.10000000000000E+1
Node	67	1.36750000006041E+1	1.00777310691314E+1	1.10000000000000E+1
Node	68	1.36750000007190E+1	1.05592086583109E+1	1.10000000000000E+1
Node	69	1.36750000008339E+1	1.10406862474905E+1	1.10000000000000E+1
Node	70	1.36750000009489E+1	1.15221638366700E+1	1.10000000000000E+1
Node	71	1.36749999993397E+1	4.78147758815643E+0	1.15000000000000E+1
Node	72	1.36749999994547E+1	5.26295517733597E+0	1.15000000000000E+1
Node	73	1.36749999995696E+1	5.74443276651552E+0	1.15000000000000E+1
Node	74	1.36749999996846E+1	6.22591035569506E+0	1.15000000000000E+1
Node	75	1.36749999997995E+1	6.70738794487461E+0	1.15000000000000E+1
Node	76	1.36749999999144E+1	7.18886553405415E+0	1.15000000000000E+1
Node	77	1.36750000000294E+1	7.67034312323370E+0	1.15000000000000E+1
Node	78	1.36750000001443E+1	8.15182071241325E+0	1.15000000000000E+1
Node	79	1.36750000002592E+1	8.63329830159279E+0	1.15000000000000E+1
Node	80	1.36750000003742E+1	9.11477589077234E+0	1.15000000000000E+1
Node	81	1.36750000004891E+1	9.59625347995188E+0	1.15000000000000E+1

Node	82	1.36750000006041E+1	1.00777310691314E+1	1.15000000000000E+1
Node	83	1.36750000007190E+1	1.05592086583109E+1	1.15000000000000E+1
Node	84	1.36750000008339E+1	1.10406862474905E+1	1.15000000000000E+1
Node	85	1.36750000009489E+1	1.15221638366700E+1	1.15000000000000E+1
Node	86	2.82499999981819E+0	4.30000000000000E+0	9.50000000000000E+0
Node	87	3.31818181797304E+0	4.29999999995350E+0	9.50000000000000E+0
Node	88	3.81136363612789E+0	4.29999999990699E+0	9.50000000000000E+0
Node	89	4.30454545428274E+0	4.29999999986049E+0	9.50000000000000E+0
Node	90	4.79772727243758E+0	4.29999999981398E+0	9.50000000000000E+0
Node	91	5.29090909059243E+0	4.29999999976748E+0	9.50000000000000E+0
Node	92	5.78409090874728E+0	4.29999999972097E+0	9.50000000000000E+0
Node	93	6.27727272690213E+0	4.29999999967446E+0	9.50000000000000E+0
Node	94	6.77045454505698E+0	4.29999999962796E+0	9.50000000000000E+0
Node	95	7.26363636321183E+0	4.29999999958145E+0	9.50000000000000E+0
Node	96	7.75681818136667E+0	4.29999999953495E+0	9.50000000000000E+0
Node	97	8.24999999952152E+0	4.29999999948844E+0	9.50000000000000E+0
Node	98	8.74318181767637E+0	4.29999999944194E+0	9.50000000000000E+0
Node	99	9.23636363583122E+0	4.29999999939543E+0	9.50000000000000E+0
Node	100	9.72954545398607E+0	4.29999999934893E+0	9.50000000000000E+0
Node	101	1.02227272721409E+1	4.29999999930242E+0	9.50000000000000E+0
Node	102	1.07159090902957E+1	4.29999999925591E+0	9.50000000000000E+0
Node	103	1.12090909084506E+1	4.29999999920941E+0	9.50000000000000E+0
Node	104	1.17022727266054E+1	4.29999999916290E+0	9.50000000000000E+0
Node	105	1.21954545447603E+1	4.29999999911640E+0	9.50000000000000E+0
Node	106	1.26886363629151E+1	4.29999999906989E+0	9.50000000000000E+0
Node	107	1.31818181810700E+1	4.29999999902339E+0	9.50000000000000E+0
Node	108	2.82499999951132E+0	4.30000000000000E+0	1.15000000000000E+1

Node	109	2.82499999958804E+0	4.30000000000000E+0	1.10000000000000E+1
Node	110	2.82499999966475E+0	4.30000000000000E+0	1.05000000000000E+1
Node	111	2.82499999974147E+0	4.30000000000000E+0	1.00000000000000E+1
Node	112	3.31818181798353E+0	4.29999999995350E+0	9.9999999999945E+0
Node	113	3.81136363614887E+0	4.29999999990699E+0	9.99999999999884E+0
Node	114	4.30454545431419E+0	4.29999999986049E+0	9.99999999999833E+0
Node	115	4.79772727247950E+0	4.29999999981398E+0	9.99999999999802E+0
Node	116	5.29090909064479E+0	4.29999999976748E+0	9.99999999999789E+0
Node	117	5.78409090881008E+0	4.29999999972097E+0	9.99999999999783E+0
Node	118	6.27727272697537E+0	4.29999999967446E+0	9.99999999999781E+0
Node	119	6.77045454514067E+0	4.29999999962796E+0	9.99999999999781E+0
Node	120	7.26363636330596E+0	4.29999999958145E+0	9.99999999999780E+0
Node	121	7.75681818147123E+0	4.29999999953495E+0	9.99999999999780E+0
Node	122	8.24999999963644E+0	4.29999999948844E+0	9.99999999999781E+0
Node	123	8.74318181780151E+0	4.29999999944194E+0	9.99999999999782E+0
Node	124	9.23636363596627E+0	4.29999999939543E+0	9.99999999999785E+0
Node	125	9.72954545413034E+0	4.29999999934893E+0	9.99999999999793E+0
Node	126	1.02227272722930E+1	4.29999999930242E+0	9.99999999999808E+0
Node	127	1.07159090904529E+1	4.29999999925591E+0	9.99999999999838E+0
Node	128	1.12090909086083E+1	4.29999999920941E+0	9.99999999999892E+0
Node	129	1.17022727267561E+1	4.29999999916290E+0	9.99999999999975E+0
Node	130	1.21954545448933E+1	4.29999999911640E+0	1.00000000000007E+1
Node	131	1.26886363630170E+1	4.29999999906989E+0	1.00000000000015E+1
Node	132	1.31818181811260E+1	4.29999999902339E+0	1.00000000000015E+1
Node	133	3.31818181799401E+0	4.29999999995350E+0	1.04999999999989E+1
Node	134	3.81136363616983E+0	4.29999999990699E+0	1.04999999999978E+1
Node	135	4.30454545434561E+0	4.29999999986049E+0	1.04999999999969E+1

Node	136	4.79772727252135E+0	4.29999999981398E+0	1.0499999999964E+1
Node	137	5.29090909069709E+0	4.29999999976748E+0	1.0499999999962E+1
Node	138	5.78409090887284E+0	4.29999999972097E+0	1.0499999999961E+1
Node	139	6.27727272704860E+0	4.29999999967446E+0	1.0499999999961E+1
Node	140	6.77045454522436E+0	4.29999999962796E+0	1.0499999999961E+1
Node	141	7.26363636340010E+0	4.29999999958145E+0	1.0499999999961E+1
Node	142	7.75681818157582E+0	4.29999999953495E+0	1.0499999999961E+1
Node	143	8.24999999975147E+0	4.29999999948844E+0	1.0499999999961E+1
Node	144	8.74318181792690E+0	4.29999999944194E+0	1.0499999999961E+1
Node	145	9.23636363610186E+0	4.29999999939543E+0	1.0499999999961E+1
Node	146	9.72954545427572E+0	4.29999999934893E+0	1.0499999999963E+1
Node	147	1.02227272724472E+1	4.29999999930242E+0	1.0499999999965E+1
Node	148	1.07159090906141E+1	4.29999999925591E+0	1.0499999999970E+1
Node	149	1.12090909087724E+1	4.29999999920941E+0	1.0499999999980E+1
Node	150	1.17022727269169E+1	4.29999999916290E+0	1.0499999999996E+1
Node	151	1.21954545450407E+1	4.29999999911640E+0	1.05000000000015E+1
Node	152	1.26886363631363E+1	4.29999999906989E+0	1.05000000000031E+1
Node	153	1.31818181811966E+1	4.29999999902339E+0	1.05000000000029E+1
Node	154	3.31818181800446E+0	4.2999999995350E+0	1.0999999999987E+1
Node	155	3.81136363619072E+0	4.2999999990699E+0	1.0999999999975E+1
Node	156	4.30454545437691E+0	4.29999999986049E+0	1.0999999999966E+1
Node	157	4.79772727256310E+0	4.29999999981398E+0	1.0999999999961E+1
Node	158	5.29090909074933E+0	4.29999999976748E+0	1.0999999999959E+1
Node	159	5.78409090893556E+0	4.29999999972097E+0	1.0999999999958E+1
Node	160	6.27727272712180E+0	4.29999999967446E+0	1.0999999999958E+1
Node	161	6.77045454530803E+0	4.29999999962796E+0	1.0999999999958E+1
Node	162	7.26363636349426E+0	4.29999999958145E+0	1.0999999999958E+1

Node	163	7.75681818168045E+0	4.29999999953495E+0	1.0999999999958E+1
Node	164	8.24999999986658E+0	4.29999999948844E+0	1.0999999999958E+1
Node	165	8.74318181805253E+0	4.29999999944194E+0	1.0999999999958E+1
Node	166	9.23636363623803E+0	4.29999999939543E+0	1.0999999999958E+1
Node	167	9.72954545442245E+0	4.29999999934893E+0	1.0999999999959E+1
Node	168	1.02227272726044E+1	4.29999999930242E+0	1.0999999999962E+1
Node	169	1.07159090907812E+1	4.29999999925591E+0	1.0999999999967E+1
Node	170	1.12090909089481E+1	4.29999999920941E+0	1.0999999999977E+1
Node	171	1.17022727270982E+1	4.29999999916290E+0	1.0999999999995E+1
Node	172	1.21954545452215E+1	4.29999999911640E+0	1.10000000000017E+1
Node	173	1.26886363633024E+1	4.29999999906989E+0	1.10000000000034E+1
Node	174	1.31818181813135E+1	4.29999999902339E+0	1.10000000000032E+1
Node	175	3.31818181801489E+0	4.2999999995350E+0	1.1499999999991E+1
Node	176	3.81136363621155E+0	4.2999999990699E+0	1.1499999999982E+1
Node	177	4.30454545440820E+0	4.29999999986049E+0	1.1499999999977E+1
Node	178	4.79772727260488E+0	4.29999999981398E+0	1.1499999999974E+1
Node	179	5.29090909080159E+0	4.29999999976748E+0	1.1499999999972E+1
Node	180	5.78409090899831E+0	4.29999999972097E+0	1.1499999999972E+1
Node	181	6.27727272719502E+0	4.29999999967446E+0	1.1499999999972E+1
Node	182	6.77045454539172E+0	4.29999999962796E+0	1.1499999999972E+1
Node	183	7.26363636358842E+0	4.29999999958145E+0	1.1499999999972E+1
Node	184	7.75681818178510E+0	4.29999999953495E+0	1.1499999999972E+1
Node	185	8.2499999998174E+0	4.29999999948844E+0	1.1499999999972E+1
Node	186	8.74318181817829E+0	4.29999999944194E+0	1.1499999999972E+1
Node	187	9.23636363637459E+0	4.29999999939543E+0	1.1499999999972E+1
Node	188	9.72954545457022E+0	4.29999999934893E+0	1.1499999999972E+1
Node	189	1.02227272727642E+1	4.29999999930242E+0	1.1499999999974E+1

Node	190	1.07159090909547E+1	4.29999999925591E+0	1.1499999999977E+1
Node	191	1.12090909091380E+1	4.29999999920941E+0	1.1499999999983E+1
Node	192	1.17022727273085E+1	4.29999999916290E+0	1.1499999999994E+1
Node	193	1.21954545454567E+1	4.29999999911640E+0	1.15000000000009E+1
Node	194	1.26886363635613E+1	4.29999999906989E+0	1.15000000000021E+1
Node	195	1.31818181815576E+1	4.29999999902339E+0	1.15000000000020E+1
Node	196	2.82499999981819E+0	1.20036414268727E+1	9.50000000000000E+0
Node	197	2.82499999981819E+0	1.15221638376931E+1	9.50000000000000E+0
Node	198	2.82499999981819E+0	1.10406862485136E+1	9.50000000000000E+0
Node	199	2.82499999981819E+0	1.05592086593340E+1	9.50000000000000E+0
Node	200	2.82499999981819E+0	1.00777310701545E+1	9.50000000000000E+0
Node	201	2.82499999981819E+0	9.59625348097500E+0	9.50000000000000E+0
Node	202	2.82499999981819E+0	9.11477589179545E+0	9.50000000000000E+0
Node	203	2.82499999981819E+0	8.63329830261591E+0	9.50000000000000E+0
Node	204	2.82499999981819E+0	8.15182071343636E+0	9.50000000000000E+0
Node	205	2.82499999981819E+0	7.67034312425682E+0	9.50000000000000E+0
Node	206	2.82499999981819E+0	7.18886553507728E+0	9.50000000000000E+0
Node	207	2.82499999981819E+0	6.70738794589773E+0	9.50000000000000E+0
Node	208	2.82499999981819E+0	6.22591035671818E+0	9.50000000000000E+0
Node	209	2.82499999981819E+0	5.74443276753864E+0	9.50000000000000E+0
Node	210	2.82499999981819E+0	5.26295517835909E+0	9.50000000000000E+0
Node	211	2.82499999981819E+0	4.78147758917955E+0	9.50000000000000E+0
Node	212	2.82499999968240E+0	1.20036414268727E+1	1.15000000000000E+1
Node	213	2.82499999971635E+0	1.20036414268727E+1	1.10000000000000E+1
Node	214	2.82499999975030E+0	1.20036414268727E+1	1.05000000000000E+1
Node	215	2.82499999978424E+0	1.20036414268727E+1	1.00000000000000E+1
Node	216	2.82499999981819E+0	1.15221638376931E+1	1.00000000000000E+1

Node	217	2.82499999981819E+0	1.10406862485136E+1	1.00000000000000E+1
Node	218	2.82499999981819E+0	1.05592086593340E+1	1.00000000000000E+1
Node	219	2.82499999981819E+0	1.00777310701545E+1	1.00000000000000E+1
Node	220	2.82499999981819E+0	9.59625348097500E+0	1.00000000000000E+1
Node	221	2.82499999981819E+0	9.11477589179546E+0	1.00000000000000E+1
Node	222	2.82499999981819E+0	8.63329830261591E+0	1.00000000000000E+1
Node	223	2.82499999981819E+0	8.15182071343636E+0	1.00000000000000E+1
Node	224	2.82499999981819E+0	7.67034312425682E+0	1.00000000000000E+1
Node	225	2.82499999981819E+0	7.18886553507727E+0	1.00000000000000E+1
Node	226	2.82499999981819E+0	6.70738794589773E+0	1.00000000000000E+1
Node	227	2.82499999981819E+0	6.22591035671818E+0	1.00000000000000E+1
Node	228	2.82499999981819E+0	5.74443276753864E+0	1.00000000000000E+1
Node	229	2.82499999981819E+0	5.26295517835909E+0	1.00000000000000E+1
Node	230	2.82499999981819E+0	4.78147758917955E+0	1.00000000000000E+1
Node	231	2.82499999981819E+0	1.15221638376931E+1	1.05000000000000E+1
Node	232	2.82499999981819E+0	1.10406862485136E+1	1.05000000000000E+1
Node	233	2.82499999981819E+0	1.05592086593340E+1	1.05000000000000E+1
Node	234	2.82499999981819E+0	1.00777310701545E+1	1.05000000000000E+1
Node	235	2.82499999981819E+0	9.59625348097500E+0	1.05000000000000E+1
Node	236	2.82499999981819E+0	9.11477589179545E+0	1.05000000000000E+1
Node	237	2.82499999981819E+0	8.63329830261591E+0	1.05000000000000E+1
Node	238	2.82499999981819E+0	8.15182071343636E+0	1.05000000000000E+1
Node	239	2.82499999981819E+0	7.67034312425682E+0	1.05000000000000E+1
Node	240	2.82499999981819E+0	7.18886553507727E+0	1.05000000000000E+1
Node	241	2.82499999981819E+0	6.70738794589773E+0	1.05000000000000E+1
Node	242	2.82499999981819E+0	6.22591035671818E+0	1.05000000000000E+1
Node	243	2.82499999981819E+0	5.74443276753864E+0	1.05000000000000E+1

Node	244	2.82499999981819E+0	5.26295517835909E+0	1.05000000000000E+1
Node	245	2.82499999981819E+0	4.78147758917955E+0	1.05000000000000E+1
Node	246	2.82499999981819E+0	1.15221638376931E+1	1.10000000000000E+1
Node	247	2.82499999981819E+0	1.10406862485136E+1	1.10000000000000E+1
Node	248	2.82499999981819E+0	1.05592086593340E+1	1.10000000000000E+1
Node	249	2.82499999981819E+0	1.00777310701545E+1	1.10000000000000E+1
Node	250	2.82499999981819E+0	9.59625348097500E+0	1.10000000000000E+1
Node	251	2.82499999981819E+0	9.11477589179545E+0	1.10000000000000E+1
Node	252	2.82499999981819E+0	8.63329830261591E+0	1.10000000000000E+1
Node	253	2.82499999981819E+0	8.15182071343636E+0	1.10000000000000E+1
Node	254	2.82499999981819E+0	7.67034312425682E+0	1.10000000000000E+1
Node	255	2.82499999981819E+0	7.18886553507727E+0	1.10000000000000E+1
Node	256	2.82499999981819E+0	6.70738794589772E+0	1.10000000000000E+1
Node	257	2.82499999981819E+0	6.22591035671818E+0	1.10000000000000E+1
Node	258	2.82499999981819E+0	5.74443276753863E+0	1.10000000000000E+1
Node	259	2.82499999981819E+0	5.26295517835909E+0	1.10000000000000E+1
Node	260	2.82499999981819E+0	4.78147758917955E+0	1.10000000000000E+1
Node	261	2.82499999981819E+0	1.15221638376931E+1	1.15000000000000E+1
Node	262	2.82499999981819E+0	1.10406862485136E+1	1.15000000000000E+1
Node	263	2.82499999981819E+0	1.05592086593340E+1	1.15000000000000E+1
Node	264	2.82499999981819E+0	1.00777310701545E+1	1.15000000000000E+1
Node	265	2.82499999981819E+0	9.59625348097500E+0	1.15000000000000E+1
Node	266	2.82499999981819E+0	9.11477589179545E+0	1.15000000000000E+1
Node	267	2.82499999981819E+0	8.63329830261591E+0	1.15000000000000E+1
Node	268	2.82499999981819E+0	8.15182071343636E+0	1.15000000000000E+1
Node	269	2.82499999981819E+0	7.67034312425681E+0	1.15000000000000E+1
Node	270	2.82499999981819E+0	7.18886553507727E+0	1.15000000000000E+1

Node	271	2.82499999981819E+0	6.70738794589772E+0	1.15000000000000E+1
Node	272	2.82499999981819E+0	6.22591035671818E+0	1.15000000000000E+1
Node	273	2.82499999981819E+0	5.74443276753863E+0	1.15000000000000E+1
Node	274	2.82499999981819E+0	5.26295517835909E+0	1.15000000000000E+1
Node	275	2.82499999981819E+0	4.78147758917954E+0	1.15000000000000E+1
Node	276	2.82499999981819E+0	1.65036428678383E+1	9.50000000000000E+0
Node	277	2.82499999981819E+0	1.60036427077310E+1	9.50000000000000E+0
Node	278	2.82499999981819E+0	1.55036425476237E+1	9.50000000000000E+0
Node	279	2.82499999981819E+0	1.50036423875164E+1	9.50000000000000E+0
Node	280	2.82499999981819E+0	1.45036422274091E+1	9.50000000000000E+0
Node	281	2.82499999981819E+0	1.40036420673018E+1	9.50000000000000E+0
Node	282	2.82499999981819E+0	1.35036419071945E+1	9.50000000000000E+0
Node	283	2.82499999981819E+0	1.30036417470873E+1	9.50000000000000E+0
Node	284	2.82499999981819E+0	1.25036415869800E+1	9.50000000000000E+0
Node	285	2.82499999981819E+0	1.65036428678383E+1	1.15000000000000E+1
Node	286	2.82499999981819E+0	1.65036428678383E+1	1.10000000000000E+1
Node	287	2.82499999981819E+0	1.65036428678383E+1	1.05000000000000E+1
Node	288	2.82499999981819E+0	1.65036428678383E+1	1.00000000000000E+1
Node	289	2.82499999981819E+0	1.60036427077310E+1	1.00000000000000E+1
Node	290	2.82499999981819E+0	1.55036425476237E+1	1.00000000000000E+1
Node	291	2.82499999981819E+0	1.50036423875164E+1	1.00000000000000E+1
Node	292	2.82499999981819E+0	1.45036422274091E+1	1.00000000000000E+1
Node	293	2.82499999981819E+0	1.40036420673018E+1	1.00000000000000E+1
Node	294	2.82499999981819E+0	1.35036419071945E+1	1.00000000000000E+1
Node	295	2.82499999981819E+0	1.30036417470873E+1	1.00000000000000E+1
Node	296	2.82499999981819E+0	1.25036415869800E+1	1.00000000000000E+1
Node	297	2.82499999981819E+0	1.60036427077310E+1	1.05000000000000E+1

Node	298	2.82499999981819E+0	1.55036425476237E+1	1.05000000000000E+1
Node	299	2.82499999981819E+0	1.50036423875164E+1	1.05000000000000E+1
Node	300	2.82499999981819E+0	1.45036422274091E+1	1.05000000000000E+1
Node	301	2.82499999981819E+0	1.40036420673018E+1	1.05000000000000E+1
Node	302	2.82499999981819E+0	1.35036419071945E+1	1.05000000000000E+1
Node	303	2.82499999981819E+0	1.30036417470873E+1	1.05000000000000E+1
Node	304	2.82499999981819E+0	1.25036415869800E+1	1.05000000000000E+1
Node	305	2.82499999981819E+0	1.60036427077310E+1	1.10000000000000E+1
Node	306	2.82499999981819E+0	1.55036425476237E+1	1.10000000000000E+1
Node	307	2.82499999981819E+0	1.50036423875164E+1	1.10000000000000E+1
Node	308	2.82499999981819E+0	1.45036422274091E+1	1.10000000000000E+1
Node	309	2.82499999981819E+0	1.40036420673018E+1	1.10000000000000E+1
Node	310	2.82499999981819E+0	1.35036419071945E+1	1.10000000000000E+1
Node	311	2.82499999981819E+0	1.30036417470873E+1	1.10000000000000E+1
Node	312	2.82499999981819E+0	1.25036415869800E+1	1.10000000000000E+1
Node	313	2.82499999981819E+0	1.60036427077310E+1	1.15000000000000E+1
Node	314	2.82499999981819E+0	1.55036425476237E+1	1.15000000000000E+1
Node	315	2.82499999981819E+0	1.50036423875164E+1	1.15000000000000E+1
Node	316	2.82499999981819E+0	1.45036422274091E+1	1.15000000000000E+1
Node	317	2.82499999981819E+0	1.40036420673018E+1	1.15000000000000E+1
Node	318	2.82499999981819E+0	1.35036419071945E+1	1.15000000000000E+1
Node	319	2.82499999981819E+0	1.30036417470873E+1	1.15000000000000E+1
Node	320	2.82499999981819E+0	1.25036415869800E+1	1.15000000000000E+1
Node	321	1.36750000004167E+1	1.25036415859145E+1	9.50000000000000E+0
Node	322	1.36750000003827E+1	1.30036417460362E+1	9.50000000000000E+0
Node	323	1.36750000003486E+1	1.35036419061579E+1	9.50000000000000E+0
Node	324	1.36750000003146E+1	1.40036420662796E+1	9.50000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	151 di 729

Node	325	1.36750000002805E+1	1.45036422264013E+1	9.50000000000000E+0
Node	326	1.36750000002465E+1	1.50036423865231E+1	9.50000000000000E+0
Node	327	1.36750000002124E+1	1.55036425466448E+1	9.50000000000000E+0
Node	328	1.36750000001784E+1	1.60036427067665E+1	9.50000000000000E+0
Node	329	1.36750000001443E+1	1.65036428672211E+1	9.50000000000000E+0
Node	330	1.36750000001113E+1	1.65036428671940E+1	1.00000000000000E+1
Node	331	1.36750000000783E+1	1.65036428671670E+1	1.05000000000000E+1
Node	332	1.36750000000453E+1	1.65036428671399E+1	1.10000000000000E+1
Node	333	1.36750000000123E+1	1.65036428671129E+1	1.15000000000000E+1
Node	334	1.36750000010638E+1	1.25036415860470E+1	1.00000000000000E+1
Node	335	1.36750000010638E+1	1.30036417462445E+1	1.00000000000000E+1
Node	336	1.36750000010638E+1	1.35036419064420E+1	1.00000000000000E+1
Node	337	1.36750000010638E+1	1.40036420666395E+1	1.00000000000000E+1
Node	338	1.36750000010638E+1	1.45036422268370E+1	1.00000000000000E+1
Node	339	1.36750000010638E+1	1.50036423870345E+1	1.00000000000000E+1
Node	340	1.36750000010638E+1	1.55036425472320E+1	1.00000000000000E+1
Node	341	1.36750000010638E+1	1.60036427074295E+1	1.00000000000000E+1
Node	342	1.36750000010638E+1	1.25036415860470E+1	1.05000000000000E+1
Node	343	1.36750000010638E+1	1.30036417462445E+1	1.05000000000000E+1
Node	344	1.36750000010638E+1	1.35036419064420E+1	1.05000000000000E+1
Node	345	1.36750000010638E+1	1.40036420666395E+1	1.05000000000000E+1
Node	346	1.36750000010638E+1	1.45036422268370E+1	1.05000000000000E+1
Node	347	1.36750000010638E+1	1.50036423870345E+1	1.05000000000000E+1
Node	348	1.36750000010638E+1	1.55036425472320E+1	1.05000000000000E+1
Node	349	1.36750000010638E+1	1.60036427074295E+1	1.05000000000000E+1
Node	350	1.36750000010638E+1	1.25036415860470E+1	1.10000000000000E+1
Node	351	1.36750000010638E+1	1.30036417462445E+1	1.10000000000000E+1

Node	352	1.36750000010638E+1	1.35036419064420E+1	1.10000000000000E+1
Node	353	1.36750000010638E+1	1.40036420666395E+1	1.10000000000000E+1
Node	354	1.36750000010638E+1	1.45036422268370E+1	1.10000000000000E+1
Node	355	1.36750000010638E+1	1.50036423870345E+1	1.10000000000000E+1
Node	356	1.36750000010638E+1	1.55036425472320E+1	1.10000000000000E+1
Node	357	1.36750000010638E+1	1.60036427074295E+1	1.10000000000000E+1
Node	358	1.36750000010638E+1	1.25036415860470E+1	1.15000000000000E+1
Node	359	1.36750000010638E+1	1.30036417462445E+1	1.15000000000000E+1
Node	360	1.36750000010638E+1	1.35036419064420E+1	1.15000000000000E+1
Node	361	1.36750000010638E+1	1.40036420666395E+1	1.15000000000000E+1
Node	362	1.36750000010638E+1	1.45036422268370E+1	1.15000000000000E+1
Node	363	1.36750000010638E+1	1.50036423870345E+1	1.15000000000000E+1
Node	364	1.36750000010638E+1	1.55036425472320E+1	1.15000000000000E+1
Node	365	1.36750000010638E+1	1.60036427074295E+1	1.15000000000000E+1
Node	366	1.65000000003543E+1	1.65036428668152E+1	0.00000000000000E+0
Node	367	1.65000000003543E+1	1.60036427067079E+1	0.00000000000000E+0
Node	368	1.65000000003543E+1	1.55036425466006E+1	0.00000000000000E+0
Node	369	1.65000000003543E+1	1.50036423864933E+1	0.00000000000000E+0
Node	370	1.65000000003543E+1	1.45036422263860E+1	0.00000000000000E+0
Node	371	1.65000000003543E+1	1.40036420662787E+1	0.00000000000000E+0
Node	372	1.65000000003543E+1	1.35036419061714E+1	0.00000000000000E+0
Node	373	1.65000000003543E+1	1.30036417460641E+1	0.00000000000000E+0
Node	374	1.65000000003543E+1	1.25036415859569E+1	0.00000000000000E+0
Node	375	1.65000000003543E+1	1.20036414258496E+1	0.00000000000000E+0
Node	376	1.60291666667002E+1	1.20036414258983E+1	0.00000000000000E+0
Node	377	1.55583333332696E+1	1.20036414259470E+1	0.00000000000000E+0
Node	378	1.50874999998391E+1	1.20036414259957E+1	0.00000000000000E+0

Relazione di calcolo spalle e fondazioni

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Node	379	1.46166666664085E+1	1.20036414260444E+1	0.00000000000000E+0
Node	380	1.41458333329780E+1	1.20036414260932E+1	0.00000000000000E+0
Node	381	1.36750000002551E+1	1.20036414261419E+1	0.00000000000000E+0
Node	382	1.36750000002428E+1	1.25036415866883E+1	0.00000000000000E+0
Node	383	1.36750000002305E+1	1.30036417468125E+1	0.00000000000000E+0
Node	384	1.36750000002182E+1	1.35036419069366E+1	0.00000000000000E+0
Node	385	1.36750000002059E+1	1.40036420670608E+1	0.00000000000000E+0
Node	386	1.36750000001935E+1	1.45036422271849E+1	0.00000000000000E+0
Node	387	1.36750000001812E+1	1.50036423873091E+1	0.00000000000000E+0
Node	388	1.36750000001689E+1	1.55036425474332E+1	0.00000000000000E+0
Node	389	1.36750000001566E+1	1.60036427075574E+1	0.00000000000000E+0
Node	390	1.36750000001443E+1	1.65036428672211E+1	0.00000000000000E+0
Node	391	1.41458333329954E+1	1.65036428671534E+1	0.00000000000000E+0
Node	392	1.46166666664212E+1	1.65036428670858E+1	0.00000000000000E+0
Node	393	1.50874999998470E+1	1.65036428670181E+1	0.00000000000000E+0
Node	394	1.5558333332728E+1	1.65036428669505E+1	0.00000000000000E+0
Node	395	1.60291666666986E+1	1.65036428668829E+1	0.00000000000000E+0
Node	396	1.57506842477473E+1	1.49637918680683E+1	-7.36064497197802E-25
Node	397	1.55282767491368E+1	1.54966556295862E+1	-7.28757655405110E-25
Node	398	1.50006842508482E+1	1.57137918748989E+1	-7.21542698406105E-25
Node	399	1.44730917497274E+1	1.54966556332314E+1	-7.10168085509735E-25
Node	400	1.42506842477473E+1	1.49637918717901E+1	-7.38590028694655E-25
Node	401	1.44678204902711E+1	1.44361993756959E+1	-7.14905085934497E-25
Node	402	1.50006842477472E+1	1.42137918755189E+1	-7.20911315533554E-25
Node	403	1.55282767437939E+1	1.44309281139982E+1	-7.08595621093903E-25
Node	404	1.60141383783587E+1	1.55001490845147E+1	0.00000000000000E+0
Node	405	1.61253421240508E+1	1.49837171272808E+1	0.00000000000000E+0

Node	406	1.45517038775113E+1	1.60234397573863E+1	0.00000000000000E+0
Node	407	1.47357258762950E+1	1.62820138758252E+1	0.00000000000000E+0
Node	408	1.50375035622590E+1	1.63133969622429E+1	0.00000000000000E+0
Node	409	1.52798880600807E+1	1.61408915939965E+1	0.00000000000000E+0
Node	410	1.58433173011575E+1	1.60013574249070E+1	0.00000000000000E+0
Node	411	1.54095367502687E+1	1.58472871829764E+1	0.00000000000000E+0
Node	412	1.60141383756872E+1	1.44672851737708E+1	0.00000000000000E+0
Node	413	1.57503421240507E+1	1.41087169708988E+1	0.00000000000000E+0
Node	414	1.57317811019757E+1	1.35214787623768E+1	0.00000000000000E+0
Node	415	1.56333214458542E+1	1.28801709510114E+1	0.00000000000000E+0
Node	416	1.59304101288090E+1	1.24543794644420E+1	0.00000000000000E+0
Node	417	1.55598114690578E+1	1.24300698916469E+1	0.00000000000000E+0
Node	418	1.51180383224564E+1	1.23820512191410E+1	0.00000000000000E+0
Node	419	1.46624046507783E+1	1.24091740392980E+1	0.00000000000000E+0
Node	420	1.41757168006591E+1	1.24553996739715E+1	0.00000000000000E+0
Node	421	1.42205208285368E+1	1.29056775898990E+1	0.00000000000000E+0
Node	422	1.42922281078054E+1	1.33677521238917E+1	0.00000000000000E+0
Node	423	1.43588373006607E+1	1.38766047961266E+1	0.00000000000000E+0
Node	424	1.50014405713772E+1	1.36993397886328E+1	0.00000000000000E+0
Node	425	1.47398230008674E+1	1.27962617473761E+1	0.00000000000000E+0
Node	426	1.49156014350626E+1	1.31855779035661E+1	0.00000000000000E+0
Node	427	1.51599122406681E+1	1.26666723593734E+1	0.00000000000000E+0
Node	428	1.65000000003543E+1	1.15221638366700E+1	0.00000000000000E+0
Node	429	1.65000000003543E+1	1.10406862474905E+1	0.00000000000000E+0
Node	430	1.65000000003543E+1	1.05592086583109E+1	0.00000000000000E+0
Node	431	1.65000000003543E+1	1.00777310691314E+1	0.00000000000000E+0
Node	432	1.65000000003543E+1	9.59625347995188E+0	0.00000000000000E+0

Node	433	1.65000000003543E+1	9.11477589077234E+0	0.00000000000000E+0
Node	434	1.65000000003543E+1	8.63329830159279E+0	0.00000000000000E+0
Node	435	1.65000000003543E+1	8.15182071241324E+0	0.00000000000000E+0
Node	436	1.65000000003543E+1	7.67034312323370E+0	0.00000000000000E+0
Node	437	1.65000000003543E+1	7.18886553405416E+0	0.00000000000000E+0
Node	438	1.65000000003543E+1	6.70738794487461E+0	0.00000000000000E+0
Node	439	1.65000000003543E+1	6.22591035569506E+0	0.00000000000000E+0
Node	440	1.65000000003543E+1	5.74443276651552E+0	0.00000000000000E+0
Node	441	1.65000000003543E+1	5.26295517733597E+0	0.00000000000000E+0
Node	442	1.65000000003543E+1	4.78147758815643E+0	0.00000000000000E+0
Node	443	1.65000000003543E+1	4.29999999897688E+0	0.00000000000000E+0
Node	444	1.60291666666073E+1	4.29999999903372E+0	0.00000000000000E+0
Node	445	1.55583333331455E+1	4.29999999909056E+0	0.00000000000000E+0
Node	446	1.50874999996838E+1	4.29999999914740E+0	0.00000000000000E+0
Node	447	1.46166666662221E+1	4.29999999920424E+0	0.00000000000000E+0
Node	448	1.41458333327604E+1	4.29999999926108E+0	0.00000000000000E+0
Node	449	1.36750000000553E+1	4.29999999931792E+0	0.00000000000000E+0
Node	450	1.36750000000678E+1	4.78147758882244E+0	0.00000000000000E+0
Node	451	1.36750000000803E+1	5.26295517799722E+0	0.00000000000000E+0
Node	452	1.36750000000927E+1	5.74443276717200E+0	0.00000000000000E+0
Node	453	1.36750000001052E+1	6.22591035634678E+0	0.00000000000000E+0
Node	454	1.36750000001177E+1	6.70738794552156E+0	0.00000000000000E+0
Node	455	1.36750000001302E+1	7.18886553469634E+0	0.00000000000000E+0
Node	456	1.36750000001427E+1	7.67034312387112E+0	0.00000000000000E+0
Node	457	1.36750000001552E+1	8.15182071304590E+0	0.00000000000000E+0
Node	458	1.36750000001677E+1	8.63329830222068E+0	0.00000000000000E+0
Node	459	1.36750000001802E+1	9.11477589139546E+0	0.00000000000000E+0

Node	460	1.36750000001927E+1	9.59625348057024E+0	0.00000000000000E+0
Node	461	1.36750000002051E+1	1.00777310697450E+1	0.00000000000000E+0
Node	462	1.36750000002176E+1	1.05592086589198E+1	0.00000000000000E+0
Node	463	1.36750000002301E+1	1.10406862480945E+1	0.00000000000000E+0
Node	464	1.36750000002426E+1	1.15221638372693E+1	0.00000000000000E+0
Node	465	1.57499999998337E+1	1.04994760081663E+1	1.70470948895072E-25
Node	466	1.55275925001038E+1	1.10323397707901E+1	1.79366234251181E-25
Node	467	1.49999999998067E+1	1.12494760149960E+1	1.88149659862277E-25
Node	468	1.44724075015032E+1	1.10323397726331E+1	1.99524273382859E-25
Node	469	1.42499999998405E+1	1.04994760135990E+1	1.71102331220826E-25
Node	470	1.44671362415540E+1	9.97188351622386E+0	1.93218804590366E-25
Node	471	1.49999999998337E+1	9.74947601561692E+0	1.85624130559320E-25
Node	472	1.55275924958803E+1	9.96661225409623E+0	1.97939824998971E-25
Node	473	1.57499999997436E+1	5.99947567035076E+0	1.22001592563923E-25
Node	474	1.55275925009949E+1	6.53233943184996E+0	1.28673056948719E-25
Node	475	1.50000000025376E+1	6.74947567687000E+0	1.35260626520141E-25
Node	476	1.44724075026372E+1	6.53233943687796E+0	1.44753077086424E-25
Node	477	1.42499999997436E+1	5.99947567780141E+0	1.14425001731799E-25
Node	478	1.44671362411864E+1	5.47188317923139E+0	1.39678412847399E-25
Node	479	1.49999999997436E+1	5.24947567687000E+0	1.35260626529123E-25
Node	480	1.55275924958796E+1	5.46661191589572E+0	1.48517402322908E-25
Node	481	1.40710681246318E+1	5.36741917467054E+0	0.00000000000000E+0
Node	482	1.39625000003318E+1	5.87195422215846E+0	0.00000000000000E+0
Node	483	1.40737037481654E+1	6.37912489270782E+0	0.00000000000000E+0
Node	484	1.43109931439148E+1	1.15511840820741E+1	0.00000000000000E+0
Node	485	1.48083333335784E+1	1.16265587204228E+1	0.00000000000000E+0
Node	486	1.56782452113108E+1	1.14297056235551E+1	0.00000000000000E+0

Node	487	1.57705783875429E+1	1.16540449075366E+1	0.00000000000000E+0
Node	488	1.60855784018978E+1	1.15508226947907E+1	0.00000000000000E+0
Node	489	1.61250000000940E+1	1.02886035386488E+1	0.00000000000000E+0
Node	490	1.59097522792136E+1	9.61154962782892E+0	0.00000000000000E+0
Node	491	1.60032121064683E+1	9.11204924685718E+0	0.00000000000000E+0
Node	492	1.59734480609661E+1	8.65848736610122E+0	0.00000000000000E+0
Node	493	1.59128619040693E+1	8.16607370137604E+0	0.00000000000000E+0
Node	494	1.59625095454701E+1	7.68128709061696E+0	0.00000000000000E+0
Node	495	1.59913670931929E+1	7.25425681163413E+0	0.00000000000000E+0
Node	496	1.62408137454553E+1	5.77759640022462E+0	0.00000000000000E+0
Node	497	1.60742154533229E+1	5.38714532273343E+0	0.00000000000000E+0
Node	498	1.60965168599153E+1	4.87290144785242E+0	0.00000000000000E+0
Node	499	1.41038857547899E+1	4.82586870201766E+0	0.00000000000000E+0
Node	500	1.45419014578709E+1	4.88594158549099E+0	0.00000000000000E+0
Node	501	1.50437500001903E+1	4.77473783792344E+0	0.00000000000000E+0
Node	502	1.57862173638880E+1	5.02277473387139E+0	0.00000000000000E+0
Node	503	1.58973808179497E+1	6.82850139300877E+0	0.00000000000000E+0
Node	504	1.49839977957471E+1	7.36174612256168E+0	0.00000000000000E+0
Node	505	1.44027981494189E+1	6.76589322079165E+0	0.00000000000000E+0
Node	506	1.40830352097038E+1	6.75227189836712E+0	0.00000000000000E+0
Node	507	1.61250000000490E+1	6.11269301302291E+0	0.00000000000000E+0
Node	508	1.53716386557604E+1	7.06453872918494E+0	0.00000000000000E+0
Node	509	1.46529517431420E+1	7.01306833428727E+0	0.00000000000000E+0
Node	510	1.44689130623221E+1	7.73607738627760E+0	0.00000000000000E+0
Node	511	1.42494496981512E+1	8.30272913004841E+0	0.00000000000000E+0
Node	512	1.41117572681552E+1	8.72757771114085E+0	0.00000000000000E+0
Node	513	1.41084930398230E+1	9.05855204425701E+0	0.00000000000000E+0

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
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Node	514	1.42334828059256E+1	9.47704617434197E+0	0.00000000000000E+0
Node	515	1.50754370801291E+1	8.98769701454275E+0	0.00000000000000E+0
Node	516	1.62220832023767E+1	1.05914866581585E+1	0.00000000000000E+0
Node	517	1.46815747998284E+1	9.28232623562898E+0	0.00000000000000E+0
Node	518	1.54047514742461E+1	9.35315355480572E+0	0.00000000000000E+0
Node	519	1.60452768237744E+1	1.10229738768237E+1	0.00000000000000E+0
Node	520	1.44119653761026E+1	8.91517998809593E+0	0.00000000000000E+0
Node	521	1.47396965252987E+1	8.59413628122832E+0	0.00000000000000E+0
Node	522	1.56294732356231E+1	9.06288637503253E+0	0.00000000000000E+0
Node	523	1.54757255211433E+1	8.72117198650799E+0	0.00000000000000E+0
Node	524	1.56028695640525E+1	7.31761910311415E+0	0.00000000000000E+0
Node	525	1.54424877217640E+1	7.63330004049692E+0	0.00000000000000E+0
Node	526	1.52122221406059E+1	8.17116289551359E+0	0.00000000000000E+0
Node	527	1.42214194995075E+1	7.17346138820125E+0	0.00000000000000E+0
Node	528	2.8249999981819E+0	1.65036428677855E+1	0.00000000000000E+0
Node	529	2.8249999981819E+0	1.60036427077099E+1	0.00000000000000E+0
Node	530	2.8249999981819E+0	1.55036425476040E+1	0.00000000000000E+0
Node	531	2.8249999981819E+0	1.50036423874981E+1	0.00000000000000E+0
Node	532	2.8249999981819E+0	1.45036422273922E+1	0.00000000000000E+0
Node	533	2.8249999981819E+0	1.40036420672863E+1	0.00000000000000E+0
Node	534	2.8249999981819E+0	1.35036419071805E+1	0.00000000000000E+0
Node	535	2.8249999981819E+0	1.30036417470746E+1	0.00000000000000E+0
Node	536	2.8249999981819E+0	1.25036415869687E+1	0.00000000000000E+0
Node	537	2.8249999981819E+0	1.20036414268727E+1	0.00000000000000E+0
Node	538	2.35416666650943E+0	1.20036414268727E+1	0.00000000000000E+0
Node	539	1.88333333328611E+0	1.20036414268727E+1	0.00000000000000E+0
Node	540	1.41250000017072E+0	1.20036414268727E+1	0.00000000000000E+0

Node	541	9.41666666839478E-1	1.20036414268727E+1	0.00000000000000E+0
Node	542	4.70833333616161E-1	1.20036414268727E+1	0.00000000000000E+0
Node	543	4.55798954135389E-10	1.20036414268727E+1	0.00000000000000E+0
Node	544	4.63793349404619E-10	1.25036415869800E+1	0.00000000000000E+0
Node	545	4.71787744673849E-10	1.30036417470873E+1	0.00000000000000E+0
Node	546	4.79782139943078E-10	1.35036419071945E+1	0.00000000000000E+0
Node	547	4.87776535212308E-10	1.40036420673018E+1	0.00000000000000E+0
Node	548	4.95770930481538E-10	1.45036422274091E+1	0.00000000000000E+0
Node	549	5.03765325750768E-10	1.50036423875164E+1	0.00000000000000E+0
Node	550	5.11759721019997E-10	1.55036425476237E+1	0.00000000000000E+0
Node	551	5.19754116289227E-10	1.60036427077310E+1	0.00000000000000E+0
Node	552	5.27748511558457E-10	1.65036428678383E+1	0.00000000000000E+0
Node	553	4.70833333742822E-1	1.65036428678295E+1	0.00000000000000E+0
Node	554	9.41666666957895E-1	1.65036428678207E+1	0.00000000000000E+0
Node	555	1.41250000017297E+0	1.65036428678119E+1	0.00000000000000E+0
Node	556	1.88333333338804E+0	1.65036428678031E+1	0.00000000000000E+0
Node	557	2.35416666660312E+0	1.65036428677943E+1	0.00000000000000E+0
Node	558	2.25068424773488E+0	1.50045607618597E+1	6.06127266569927E-26
Node	559	2.02827674912442E+0	1.55374245233777E+1	6.79195684496848E-26
Node	560	1.50068425083575E+0	1.57545607686903E+1	7.51345254486898E-26
Node	561	9.73091749715007E-1	1.55374245270228E+1	8.65091383450604E-26
Node	562	7.50684247734907E-1	1.50045607655815E+1	5.80871951601404E-26
Node	563	9.67820490258638E-1	1.44769682694873E+1	8.17721379202978E-26
Node	564	1.50068424773481E+0	1.42545607693103E+1	7.57659083212409E-26
Node	565	2.02827674378145E+0	1.44716970077896E+1	8.80816027608923E-26
Node	566	2.22648939471571E+0	1.39289489770815E+1	0.00000000000000E+0
Node	567	2.30492191832643E+0	1.34404047210806E+1	0.00000000000000E+0

Node	568	2.33552922283767E+0	1.29625971088207E+1	0.00000000000000E+0
Node	569	2.34791669688388E+0	1.24839428248533E+1	0.00000000000000E+0
Node	570	1.87792519287694E+0	1.24696402527231E+1	0.00000000000000E+0
Node	571	1.41451088067405E+0	1.24647691222824E+1	0.00000000000000E+0
Node	572	9.50233452554522E-1	1.24739495038866E+1	0.00000000000000E+0
Node	573	4.78146927783853E-1	1.24901979045801E+1	0.00000000000000E+0
Node	574	4.91728169791521E-1	1.29810045276516E+1	0.00000000000000E+0
Node	575	5.22223266422043E-1	1.34920251296641E+1	0.00000000000000E+0
Node	576	2.66757614607796E-1	1.50546001053443E+1	0.00000000000000E+0
Node	577	4.51382213515806E-1	1.55073246981648E+1	0.00000000000000E+0
Node	578	4.13168965029343E-1	1.60435828521510E+1	0.00000000000000E+0
Node	579	7.29413407311413E-1	1.61518012366340E+1	0.00000000000000E+0
Node	580	2.18935066969653E+0	1.60483469724836E+1	0.00000000000000E+0
Node	581	1.69200879211190E+0	1.61291018182643E+1	0.00000000000000E+0
Node	582	8.23532935069917E-1	1.59297287084944E+1	0.00000000000000E+0
Node	583	5.88452681127391E-1	1.40895999176678E+1	0.00000000000000E+0
Node	584	1.43396901396815E+0	1.36585718333106E+1	0.00000000000000E+0
Node	585	3.75342124131328E-1	1.47541014964953E+1	0.00000000000000E+0
Node	586	1.13241133892060E+0	1.38473037078053E+1	0.00000000000000E+0
Node	587	1.74775890971051E+0	1.38000521049965E+1	0.00000000000000E+0
Node	588	1.86591390011548E+0	1.29274962496621E+1	0.00000000000000E+0
Node	589	1.41698199543761E+0	1.29132473881596E+1	0.00000000000000E+0
Node	590	9.66644843772520E-1	1.29388793892737E+1	0.00000000000000E+0
Node	591	1.83377060225595E+0	1.33696514074405E+1	0.00000000000000E+0
Node	592	1.42173679327335E+0	1.33283596871300E+1	0.00000000000000E+0
Node	593	1.00900872458660E+0	1.33955987938369E+1	0.00000000000000E+0
Node	594	2.82499999979903E+0	1.15221638376931E+1	0.00000000000000E+0

Node	595	2.82499999977988E+0	1.10406862485136E+1	0.00000000000000E+0
Node	596	2.82499999976072E+0	1.05592086593340E+1	0.00000000000000E+0
Node	597	2.82499999974156E+0	1.00777310701545E+1	0.00000000000000E+0
Node	598	2.82499999972241E+0	9.59625348097500E+0	0.00000000000000E+0
Node	599	2.82499999970325E+0	9.11477589179546E+0	0.00000000000000E+0
Node	600	2.82499999968410E+0	8.63329830261591E+0	0.00000000000000E+0
Node	601	2.82499999966494E+0	8.15182071343636E+0	0.00000000000000E+0
Node	602	2.82499999964578E+0	7.67034312425682E+0	0.00000000000000E+0
Node	603	2.82499999962663E+0	7.18886553507728E+0	0.00000000000000E+0
Node	604	2.82499999960747E+0	6.70738794589773E+0	0.00000000000000E+0
Node	605	2.82499999958831E+0	6.22591035671818E+0	0.00000000000000E+0
Node	606	2.82499999956916E+0	5.74443276753864E+0	0.00000000000000E+0
Node	607	2.82499999955000E+0	5.26295517835910E+0	0.00000000000000E+0
Node	608	2.82499999953085E+0	4.78147758917955E+0	0.00000000000000E+0
Node	609	2.82499999951169E+0	4.30000000000000E+0	0.00000000000000E+0
Node	610	2.35416666594942E+0	4.30000000000000E+0	0.00000000000000E+0
Node	611	1.88333333278246E+0	4.30000000000000E+0	0.00000000000000E+0
Node	612	1.41249999961549E+0	4.30000000000000E+0	0.00000000000000E+0
Node	613	9.41666666448522E-1	4.30000000000000E+0	0.00000000000000E+0
Node	614	4.70833333281555E-1	4.30000000000000E+0	0.00000000000000E+0
Node	615	2.60676813468308E-10	4.30000000000000E+0	0.00000000000000E+0
Node	616	2.72871947260001E-10	4.78147758917955E+0	0.00000000000000E+0
Node	617	2.85067081051693E-10	5.26295517835909E+0	0.00000000000000E+0
Node	618	2.97262214843386E-10	5.74443276753864E+0	0.00000000000000E+0
Node	619	3.09457348635078E-10	6.22591035671818E+0	0.00000000000000E+0
Node	620	3.21652482426771E-10	6.70738794589773E+0	0.00000000000000E+0
Node	621	3.33847616218463E-10	7.18886553507727E+0	0.00000000000000E+0

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Node	622	3.46042750010156E-10	7.67034312425682E+0	0.00000000000000E+0
Node	623	3.58237883801849E-10	8.15182071343636E+0	0.00000000000000E+0
Node	624	3.70433017593541E-10	8.63329830261591E+0	0.00000000000000E+0
Node	625	3.82628151385234E-10	9.11477589179545E+0	0.00000000000000E+0
Node	626	3.94823285176926E-10	9.59625348097500E+0	0.00000000000000E+0
Node	627	4.07018418968619E-10	1.00777310701545E+1	0.00000000000000E+0
Node	628	4.19213552760311E-10	1.05592086593340E+1	0.00000000000000E+0
Node	629	4.31408686552004E-10	1.10406862485136E+1	0.00000000000000E+0
Node	630	4.43603820343697E-10	1.15221638376931E+1	0.00000000000000E+0
Node	631	2.25068424773490E+0	1.05047135734334E+1	1.51531816642482E-25
Node	632	2.02827674912444E+0	1.10375773349513E+1	1.58838658435174E-25
Node	633	1.50068425083577E+0	1.12547135802639E+1	1.66053615434179E-25
Node	634	9.73091749715022E-1	1.10375773385964E+1	1.77428228330549E-25
Node	635	7.50684247734921E-1	1.05047135771551E+1	1.49006285145629E-25
Node	636	9.67820490258653E-1	9.97712108106100E+0	1.72691227905787E-25
Node	637	1.50068424773483E+0	9.75471358088399E+0	1.66684998306730E-25
Node	638	2.02827674378146E+0	9.97184981936328E+0	1.79000692746382E-25
Node	639	2.2499999983303E+0	6.00471350064554E+0	1.22058009063703E-25
Node	640	2.02759250010310E+0	6.53757726326936E+0	1.30953294419812E-25
Node	641	1.4999999980602E+0	6.75471350747523E+0	1.39736720030908E-25
Node	642	9.72407501502548E-1	6.53757726511235E+0	1.51111333551491E-25
Node	643	7.49999999839805E-1	6.00471350607825E+0	1.22689391389457E-25
Node	644	9.67136241553351E-1	5.47712100870306E+0	1.44805864758996E-25
Node	645	1.4999999983296E+0	5.25471350809612E+0	1.37211190727951E-25
Node	646	2.02759249587959E+0	5.47184974657542E+0	1.49526885167602E-25
Node	647	2.42629625357379E+0	6.62248260100485E+0	0.00000000000000E+0
Node	648	2.53749999982561E+0	6.11531192868186E+0	0.00000000000000E+0

Node	649	2.42629625146203E+0	5.60814126063572E+0	0.00000000000000E+0
Node	650	2.21908809424025E+0	9.44788538899165E+0	0.00000000000000E+0
Node	651	2.31167122972672E+0	8.97774912249085E+0	0.00000000000000E+0
Node	652	2.35029238370218E+0	8.54320852351590E+0	0.00000000000000E+0
Node	653	2.36527246986700E+0	8.08548105527730E+0	0.00000000000000E+0
Node	654	2.37956811805788E+0	7.61425895280678E+0	0.00000000000000E+0
Node	655	2.40709386301592E+0	7.12853071105034E+0	0.00000000000000E+0
Node	656	1.95976129366319E+0	7.10254643183865E+0	0.00000000000000E+0
Node	657	1.48474885144100E+0	7.17243028060757E+0	0.00000000000000E+0
Node	658	4.99671535389804E-1	4.82175133214817E+0	0.00000000000000E+0
Node	659	1.50244011700482E+0	4.86269019814266E+0	0.00000000000000E+0
Node	660	1.96632446895105E+0	5.04904420929180E+0	0.00000000000000E+0
Node	661	2.40878106941445E+0	5.16590794470078E+0	0.00000000000000E+0
Node	662	9.71380954751536E-1	6.99543724836854E+0	0.00000000000000E+0
Node	663	2.37819847689028E+0	4.73568488450975E+0	0.00000000000000E+0
Node	664	1.92650377148260E+0	4.69133048473562E+0	0.00000000000000E+0
Node	665	1.47978227739814E+0	4.67294488260180E+0	0.00000000000000E+0
Node	666	1.07819109009414E+0	4.82916735050757E+0	0.00000000000000E+0
Node	667	4.83568124547294E-1	5.37003808991793E+0	0.00000000000000E+0
Node	668	3.75000000111827E-1	5.87457313680844E+0	0.00000000000000E+0
Node	669	4.86203747330056E-1	6.38174380733657E+0	0.00000000000000E+0
Node	670	4.72075939214934E-1	6.84818563561171E+0	0.00000000000000E+0
Node	671	4.74904818455666E-1	7.30837021943592E+0	0.00000000000000E+0
Node	672	4.70860159215638E-1	7.77455186831268E+0	0.00000000000000E+0
Node	673	4.62109541435049E-1	8.24253313010641E+0	0.00000000000000E+0
Node	674	4.43101138787030E-1	8.69491985051857E+0	0.00000000000000E+0
Node	675	4.50177913712572E-1	9.12912276126514E+0	0.00000000000000E+0

Node	676	2.66784797298862E-1	1.05922493547874E+1	0.00000000000000E+0
Node	677	4.52923267696514E-1	1.10250258329620E+1	0.00000000000000E+0
Node	678	4.13180590560311E-1	1.15536005511651E+1	0.00000000000000E+0
Node	679	7.29407097668863E-1	1.16560183015720E+1	0.00000000000000E+0
Node	680	2.18934037255222E+0	1.15532984664383E+1	0.00000000000000E+0
Node	681	1.69200879203996E+0	1.16291775035683E+1	0.00000000000000E+0
Node	682	8.23204843375803E-1	1.14324039387053E+1	0.00000000000000E+0
Node	683	5.73509733727215E-1	9.61981682556557E+0	0.00000000000000E+0
Node	684	1.27137431791555E+0	8.97531589597170E+0	0.00000000000000E+0
Node	685	3.75342124059385E-1	1.02912223236548E+1	0.00000000000000E+0
Node	686	1.03296868449276E+0	9.35967252047071E+0	0.00000000000000E+0
Node	687	1.71140439640836E+0	9.24568912598006E+0	0.00000000000000E+0
Node	688	1.92228791415009E+0	7.57148977334661E+0	0.00000000000000E+0
Node	689	1.45011208097693E+0	7.53890603042995E+0	0.00000000000000E+0
Node	690	9.58269508207952E-1	7.42712878178435E+0	0.00000000000000E+0
Node	691	9.49659536088810E-1	7.88291642069873E+0	0.00000000000000E+0
Node	692	7.82728259473636E-1	9.08862830456778E+0	0.00000000000000E+0
Node	693	8.60505288033360E-1	8.77736530643976E+0	0.00000000000000E+0
Node	694	9.37470747581070E-1	8.35266354735943E+0	0.00000000000000E+0
Node	695	1.48061890272773E+0	8.51853663099628E+0	0.00000000000000E+0
Node	696	1.85145110410166E+0	8.80454634548315E+0	0.00000000000000E+0
Node	697	1.89797883933196E+0	8.47498852494226E+0	0.00000000000000E+0
Node	698	1.90561266682360E+0	8.03094692384371E+0	0.00000000000000E+0
Node	699	1.44253183613568E+0	7.98959524935039E+0	0.00000000000000E+0
Node	700	2.82499999944358E+0	3.82222222195438E+0	0.00000000000000E+0
Node	701	2.82499999937547E+0	3.34444444415160E+0	0.00000000000000E+0
Node	702	2.82499999930736E+0	2.86666666634882E+0	0.00000000000000E+0

Node	703	2.82499999923925E+0	2.38888888854605E+0	0.00000000000000E+0
Node	704	2.82499999917113E+0	1.911111111074327E+0	0.00000000000000E+0
Node	705	2.82499999910302E+0	1.43333333294050E+0	0.00000000000000E+0
Node	706	2.82499999903491E+0	9.55555555137723E-1	0.00000000000000E+0
Node	707	2.82499999896680E+0	4.77777777334947E-1	0.00000000000000E+0
Node	708	2.82499999889869E+0	-2.90835799887645E-10	0.00000000000000E+0
Node	709	2.35416666525461E+0	-2.56534941400093E-10	0.00000000000000E+0
Node	710	1.88333333218521E+0	-2.22234082954407E-10	0.00000000000000E+0
Node	711	1.41249999911582E+0	-1.87933224508722E-10	0.00000000000000E+0
Node	712	9.41666666046421E-1	-1.53632366063036E-10	0.00000000000000E+0
Node	713	4.70833332977025E-1	-1.19331507617350E-10	0.00000000000000E+0
Node	714	1.37504230224295E-10	-8.50306491884112E-11	0.00000000000000E+0
Node	715	1.51190072806963E-10	4.77777777702195E-1	0.00000000000000E+0
Node	716	1.64875915389631E-10	9.55555555489420E-1	0.00000000000000E+0
Node	717	1.78561757972299E-10	1.43333333327665E+0	0.00000000000000E+0
Node	718	1.92247600554967E-10	1.91111111106387E+0	0.00000000000000E+0
Node	719	2.05933443137635E-10	2.3888888885110E+0	0.00000000000000E+0
Node	720	2.19619285720303E-10	2.8666666663832E+0	0.00000000000000E+0
Node	721	2.33305128302972E-10	3.3444444442555E+0	0.00000000000000E+0
Node	722	2.46990970885640E-10	3.8222222221277E+0	0.00000000000000E+0
Node	723	2.24999999980812E+0	1.50471316223387E+0	7.35886527266749E-26
Node	724	2.02759250105936E+0	2.03757692373306E+0	8.02601171114705E-26
Node	725	1.50000000260212E+0	2.25471316875311E+0	8.68476866828920E-26
Node	726	9.72407502701688E-1	2.03757692876107E+0	9.63401372491751E-26
Node	727	7.49999999808123E-1	1.50471316968452E+0	6.60120618945508E-26
Node	728	9.67136241250870E-1	9.77120671114496E-1	9.12654730101503E-26
Node	729	1.49999999980809E+0	7.54713168753109E-1	8.68476866918745E-26

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Node	730	2.02759249594411E+0	9.71849407778832E-1	1.00104462485659E-25
Node	731	2.18869663880933E+0	4.51594465499802E-1	0.00000000000000E+0
Node	732	1.69166666653302E+0	3.77356584334039E-1	0.00000000000000E+0
Node	733	8.16980418787189E-1	5.77937094088459E-1	0.00000000000000E+0
Node	734	7.27336463780467E-1	3.50383459631635E-1	0.00000000000000E+0
Node	735	4.13231991289023E-1	4.50897445639308E-1	0.00000000000000E+0
Node	736	5.82659439132050E-1	2.43170477291771E+0	0.00000000000000E+0
Node	737	4.34508935260016E-1	3.05213752460511E+0	0.00000000000000E+0
Node	738	2.80114215642235E-1	3.38462854278860E+0	0.00000000000000E+0
Node	739	4.06370416796475E-1	3.75800968273970E+0	0.00000000000000E+0
Node	740	2.37710436634083E+0	3.81244210446028E+0	0.00000000000000E+0
Node	741	2.40079496536486E+0	3.35037333070989E+0	0.00000000000000E+0
Node	742	2.39745626725837E+0	2.93165136171715E+0	0.00000000000000E+0
Node	743	2.27905169671388E+0	2.52079058781100E+0	0.00000000000000E+0
Node	744	1.61877148899476E+0	3.14063401433582E+0	0.00000000000000E+0
Node	745	2.67709612296327E-1	1.41045706463523E+0	0.00000000000000E+0
Node	746	1.86984770915212E+0	2.72594672682157E+0	0.00000000000000E+0
Node	747	1.14312964666289E+0	2.83781381400502E+0	0.00000000000000E+0
Node	748	3.74999999972813E-1	1.70791214037419E+0	0.00000000000000E+0
Node	749	4.53393034651276E-1	9.79387630144194E-1	0.00000000000000E+0
Node	750	2.08834722644511E+0	2.98964563604669E+0	0.00000000000000E+0
Node	751	2.00560635895137E+0	3.31347991564431E+0	0.00000000000000E+0
Node	752	1.92845583384749E+0	3.77717286491847E+0	0.00000000000000E+0
Node	753	1.45650224121265E+0	3.68529560087240E+0	0.00000000000000E+0
Node	754	8.75035776688017E-1	3.52594957959142E+0	0.00000000000000E+0
Node	755	1.36750000001457E+1	3.82222222112381E+0	0.00000000000000E+0
Node	756	1.36750000002360E+1	3.34444444333823E+0	0.00000000000000E+0

Node	757	1.36750000003264E+1	2.86666666555265E+0	0.00000000000000E+0
Node	758	1.36750000004168E+1	2.38888888776707E+0	0.00000000000000E+0
Node	759	1.36750000005072E+1	1.911111110998149E+0	0.00000000000000E+0
Node	760	1.36750000005975E+1	1.43333333219591E+0	0.00000000000000E+0
Node	761	1.36750000006879E+1	9.55555554410326E-1	0.00000000000000E+0
Node	762	1.36750000007783E+1	4.77777776624746E-1	0.00000000000000E+0
Node	763	1.36750000008687E+1	-8.02394595211808E-10	0.00000000000000E+0
Node	764	1.31818181828028E+1	-7.79141922706760E-10	0.00000000000000E+0
Node	765	1.26886363645488E+1	-7.55889250192846E-10	0.00000000000000E+0
Node	766	1.21954545462949E+1	-7.32636577678933E-10	0.00000000000000E+0
Node	767	1.17022727280409E+1	-7.09383905165020E-10	0.00000000000000E+0
Node	768	1.12090909097870E+1	-6.86131232651106E-10	0.00000000000000E+0
Node	769	1.07159090915330E+1	-6.62878560137192E-10	0.00000000000000E+0
Node	770	1.02227272732791E+1	-6.39625887623279E-10	0.00000000000000E+0
Node	771	9.72954545502516E+0	-6.16373215109365E-10	0.00000000000000E+0
Node	772	9.23636363677121E+0	-5.93120542595452E-10	0.00000000000000E+0
Node	773	8.74318181851726E+0	-5.69867870081538E-10	0.00000000000000E+0
Node	774	8.25000000026331E+0	-5.46615197567624E-10	0.00000000000000E+0
Node	775	7.75681818200936E+0	-5.23362525053711E-10	0.00000000000000E+0
Node	776	7.26363636375541E+0	-5.00109852539797E-10	0.00000000000000E+0
Node	777	6.77045454550146E+0	-4.76857180025884E-10	0.00000000000000E+0
Node	778	6.27727272724751E+0	-4.53604507511970E-10	0.00000000000000E+0
Node	779	5.78409090899356E+0	-4.30351834998057E-10	0.00000000000000E+0
Node	780	5.29090909073961E+0	-4.07099162484143E-10	0.00000000000000E+0
Node	781	4.79772727248567E+0	-3.83846489970230E-10	0.00000000000000E+0
Node	782	4.30454545423172E+0	-3.60593817456316E-10	0.00000000000000E+0
Node	783	3.81136363597777E+0	-3.37341144942403E-10	0.00000000000000E+0

Node	784	3.31818181772382E+0	-3.14088472428489E-10	0.00000000000000E+0
Node	785	3.31818181664775E+0	4.2999999996900E+0	0.00000000000000E+0
Node	786	3.81136363486420E+0	4.2999999993799E+0	0.00000000000000E+0
Node	787	4.30454545308064E+0	4.2999999990699E+0	0.00000000000000E+0
Node	788	4.79772727129708E+0	4.2999999987599E+0	0.00000000000000E+0
Node	789	5.29090908951352E+0	4.2999999984498E+0	0.00000000000000E+0
Node	790	5.78409090772996E+0	4.2999999981398E+0	0.00000000000000E+0
Node	791	6.27727272594641E+0	4.2999999978298E+0	0.00000000000000E+0
Node	792	6.77045454416285E+0	4.2999999975197E+0	0.00000000000000E+0
Node	793	7.26363636237930E+0	4.2999999972097E+0	0.00000000000000E+0
Node	794	7.75681818059574E+0	4.2999999968997E+0	0.00000000000000E+0
Node	795	8.24999999881218E+0	4.2999999965896E+0	0.00000000000000E+0
Node	796	8.74318181702863E+0	4.2999999962796E+0	0.00000000000000E+0
Node	797	9.23636363524507E+0	4.2999999959696E+0	0.00000000000000E+0
Node	798	9.72954545346151E+0	4.2999999956595E+0	0.00000000000000E+0
Node	799	1.02227272716779E+1	4.2999999953495E+0	0.00000000000000E+0
Node	800	1.07159090898944E+1	4.2999999950394E+0	0.00000000000000E+0
Node	801	1.12090909081108E+1	4.2999999947294E+0	0.00000000000000E+0
Node	802	1.17022727263272E+1	4.2999999944194E+0	0.00000000000000E+0
Node	803	1.21954545445437E+1	4.2999999941093E+0	0.00000000000000E+0
Node	804	1.26886363627601E+1	4.2999999937993E+0	0.00000000000000E+0
Node	805	1.31818181809766E+1	4.2999999934893E+0	0.00000000000000E+0
Node	806	6.7499999958034E+0	1.50296721880237E+0	7.35698472293273E-26
Node	807	6.52759249986017E+0	2.03583098141698E+0	8.08766890203501E-26
Node	808	5.9999999958037E+0	2.25296722563295E+0	8.80916460177008E-26
Node	809	5.47240750045075E+0	2.03583098286874E+0	9.94662587830345E-26
Node	810	5.2499999958037E+0	1.50296722252413E+0	7.10443157324750E-26

Node	811	5.46713624210410E+0	9.75374726429962E-1	9.47292584926325E-26
Node	812	5.99999999958027E+0	7.52967226252950E-1	8.87230288935754E-26
Node	813	6.52759249562691E+0	9.70103464732251E-1	1.01038723333227E-25
Node	814	1.12499999998041E+1	1.50122127537067E+0	7.35510417230623E-26
Node	815	1.10275925010553E+1	2.03408503686986E+0	8.02225061078579E-26
Node	816	1.05000000025981E+1	2.25122128188991E+0	8.68100756792794E-26
Node	817	9.97240750269772E+0	2.03408504189787E+0	9.63025262455625E-26
Node	818	9.74999999980416E+0	1.50122128282132E+0	6.59744508909382E-26
Node	819	9.96713624124691E+0	9.73628784251295E-1	9.12278620065377E-26
Node	820	1.04999999998041E+1	7.51221281889908E-1	8.68100756882619E-26
Node	821	1.10275924959401E+1	9.68357520915634E-1	1.00066851482046E-25
Node	822	6.00166869622344E+0	2.77767549400559E+0	0.00000000000000E+0
Node	823	4.86458725299092E+0	2.70141025871578E+0	0.00000000000000E+0
Node	824	4.73749226627984E+0	1.52966377504517E+0	0.00000000000000E+0
Node	825	6.88282677183891E+0	4.81766393906432E-1	0.00000000000000E+0
Node	826	7.16719799226628E+0	1.50899571299954E+0	0.00000000000000E+0
Node	827	7.09545758280595E+0	2.62806233289358E+0	0.00000000000000E+0
Node	828	5.43887721059986E+0	2.69965072161735E+0	0.00000000000000E+0
Node	829	4.83854168219326E+0	2.11172275363226E+0	0.00000000000000E+0
Node	830	4.82512822779576E+0	1.00613250655195E+0	0.00000000000000E+0
Node	831	6.40243261454330E+0	4.85051735696499E-1	0.00000000000000E+0
Node	832	7.00238742012192E+0	9.88420139795693E-1	0.00000000000000E+0
Node	833	7.08264705801023E+0	2.05438683111708E+0	0.00000000000000E+0
Node	834	6.55902607294807E+0	2.67529864191420E+0	0.00000000000000E+0
Node	835	1.05099096324252E+1	2.76084754286610E+0	0.00000000000000E+0
Node	836	9.38987955829638E+0	2.65812437892114E+0	0.00000000000000E+0
Node	837	9.27672495281029E+0	1.51272116051106E+0	0.00000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	170 di 729

Node	838	1.13504814573206E+1	4.79379073163540E-1	0.00000000000000E+0
Node	839	1.16758508397490E+1	1.50821737392481E+0	0.00000000000000E+0
Node	840	1.16128165064892E+1	2.65058579480911E+0	0.00000000000000E+0
Node	841	9.95842394248862E+0	2.70871926313198E+0	0.00000000000000E+0
Node	842	9.37659216340375E+0	2.06835931665287E+0	0.00000000000000E+0
Node	843	9.34559642635489E+0	9.94636106392493E-1	0.00000000000000E+0
Node	844	1.08717507971490E+1	4.84178763788192E-1	0.00000000000000E+0
Node	845	1.14953188280012E+1	9.85573109503893E-1	0.00000000000000E+0
Node	846	1.16083755956278E+1	2.06435032864793E+0	0.00000000000000E+0
Node	847	1.10644286629059E+1	2.66992917764613E+0	0.00000000000000E+0
Node	848	3.32031481109799E+0	3.80996135585536E+0	0.00000000000000E+0
Node	849	3.81788245419671E+0	3.79833931881027E+0	0.00000000000000E+0
Node	850	4.32043854886864E+0	3.78912929875972E+0	0.00000000000000E+0
Node	851	4.83022775179031E+0	3.78782448834276E+0	0.00000000000000E+0
Node	852	5.34348615375053E+0	3.80099905676065E+0	0.00000000000000E+0
Node	853	5.83782756685278E+0	3.83034844490665E+0	0.00000000000000E+0
Node	854	6.20803811073055E+0	3.82706604445317E+0	0.00000000000000E+0
Node	855	6.70015964731854E+0	3.78449133850764E+0	0.00000000000000E+0
Node	856	7.21002856921048E+0	3.74971498778951E+0	0.00000000000000E+0
Node	857	7.72252122167902E+0	3.71950411229757E+0	0.00000000000000E+0
Node	858	8.24454157788160E+0	3.69391628971181E+0	0.00000000000000E+0
Node	859	8.77107293617244E+0	3.73258663173403E+0	0.00000000000000E+0
Node	860	9.28800192404237E+0	3.77568314128264E+0	0.00000000000000E+0
Node	861	9.78321684629627E+0	3.82116180443280E+0	0.00000000000000E+0
Node	862	1.01535172886340E+1	3.82538066937572E+0	0.00000000000000E+0
Node	863	1.06459344685745E+1	3.79857879286512E+0	0.00000000000000E+0
Node	864	1.11577866919372E+1	3.77462345122820E+0	0.00000000000000E+0

Node	865	1.16690224978468E+1	3.76331630943335E+0	0.00000000000000E+0
Node	866	1.21760379210532E+1	3.76361540623376E+0	0.00000000000000E+0
Node	867	1.26794894307734E+1	3.77482608891722E+0	0.00000000000000E+0
Node	868	1.31788306836584E+1	3.79638847694307E+0	0.00000000000000E+0
Node	869	1.31773864415876E+1	3.28854600245106E+0	0.00000000000000E+0
Node	870	1.31825306948324E+1	2.77356180090536E+0	0.00000000000000E+0
Node	871	1.32050354163597E+1	2.26080604214129E+0	0.00000000000000E+0
Node	872	1.32735142059734E+1	1.83264874995101E+0	0.00000000000000E+0
Node	873	1.32672933444303E+1	1.40124792432181E+0	0.00000000000000E+0
Node	874	1.32409875589784E+1	9.44119114590241E-1	0.00000000000000E+0
Node	875	1.32113422622391E+1	4.74250386580587E-1	0.00000000000000E+0
Node	876	1.27488060548448E+1	4.75980810778951E-1	0.00000000000000E+0
Node	877	1.22848601963022E+1	4.83903857540806E-1	0.00000000000000E+0
Node	878	1.18165536410153E+1	4.87223314096309E-1	0.00000000000000E+0
Node	879	1.03613636363068E+1	3.75610640696633E-1	0.00000000000000E+0
Node	880	9.84834085144595E+0	4.86814388264185E-1	0.00000000000000E+0
Node	881	9.30905675469445E+0	4.85622283821692E-1	0.00000000000000E+0
Node	882	8.79620525127325E+0	4.98513889367653E-1	0.00000000000000E+0
Node	883	8.30373527999345E+0	5.00750241126414E-1	0.00000000000000E+0
Node	884	7.82328137162229E+0	4.98041408058273E-1	0.00000000000000E+0
Node	885	7.35043608416407E+0	4.92575731797857E-1	0.00000000000000E+0
Node	886	5.89204545374582E+0	3.76483612878154E-1	0.00000000000000E+0
Node	887	5.37902266942541E+0	4.87687359353519E-1	0.00000000000000E+0
Node	888	4.82690349931005E+0	4.91813102361151E-1	0.00000000000000E+0
Node	889	4.29957722555226E+0	5.04982482752459E-1	0.00000000000000E+0
Node	890	3.80006274863154E+0	4.96068239236160E-1	0.00000000000000E+0
Node	891	3.31097603495526E+0	4.85703087253395E-1	0.00000000000000E+0

Node	892	3.30096831245423E+0	9.65826938883131E-1	0.00000000000000E+0
Node	893	3.29059796030050E+0	1.43179465512958E+0	0.00000000000000E+0
Node	894	3.29218837245442E+0	1.87059883718345E+0	0.00000000000000E+0
Node	895	3.30570561764530E+0	2.33969246914226E+0	0.00000000000000E+0
Node	896	3.31588215670204E+0	2.82682896071575E+0	0.00000000000000E+0
Node	897	3.32019497591483E+0	3.31928388281000E+0	0.00000000000000E+0
Node	898	1.26723093138109E+1	3.23968699970674E+0	0.00000000000000E+0
Node	899	1.26716159313409E+1	2.67825782069948E+0	0.00000000000000E+0
Node	900	1.26883600120178E+1	2.04841836629914E+0	0.00000000000000E+0
Node	901	1.29467606172857E+1	1.75806351165959E+0	0.00000000000000E+0
Node	902	1.28800722785678E+1	1.39564289162912E+0	0.00000000000000E+0
Node	903	1.28112303595548E+1	9.46317275374681E-1	0.00000000000000E+0
Node	904	1.23802819580206E+1	9.73470086865054E-1	0.00000000000000E+0
Node	905	1.19334010080801E+1	9.87654254903189E-1	0.00000000000000E+0
Node	906	1.20540445622974E+1	1.50970918926164E+0	0.00000000000000E+0
Node	907	1.21201696424353E+1	2.06701401983503E+0	0.00000000000000E+0
Node	908	1.21402237016774E+1	2.65190466076668E+0	0.00000000000000E+0
Node	909	1.21580317840970E+1	3.21718782069378E+0	0.00000000000000E+0
Node	910	1.16382380657455E+1	3.21615901217568E+0	0.00000000000000E+0
Node	911	1.05564244311827E+1	3.29371596297818E+0	0.00000000000000E+0
Node	912	9.36140734086316E+0	3.24435209374133E+0	0.00000000000000E+0
Node	913	8.86309478642999E+0	2.61106684215837E+0	0.00000000000000E+0
Node	914	8.86919148230947E+0	2.06545066140323E+0	0.00000000000000E+0
Node	915	8.83753923502245E+0	1.52746152657144E+0	0.00000000000000E+0
Node	916	8.83004693668738E+0	1.00649745560966E+0	0.00000000000000E+0
Node	917	8.34778674056534E+0	1.00667839960041E+0	0.00000000000000E+0
Node	918	7.88433972694786E+0	1.00151530180358E+0	0.00000000000000E+0

Node	919	7.43628921603556E+0	9.95822248579352E-1	0.00000000000000E+0
Node	920	7.51854707049833E+0	1.51432265143751E+0	0.00000000000000E+0
Node	921	7.54145324635028E+0	2.04640226687963E+0	0.00000000000000E+0
Node	922	7.59030381899490E+0	2.58827962956943E+0	0.00000000000000E+0
Node	923	7.67506476788885E+0	3.13116030470399E+0	0.00000000000000E+0
Node	924	7.14985338127060E+0	3.19428422897360E+0	0.00000000000000E+0
Node	925	6.01544628660449E+0	3.39570379469476E+0	0.00000000000000E+0
Node	926	4.86007060805730E+0	3.26096063540955E+0	0.00000000000000E+0
Node	927	4.32085951111327E+0	2.73330692420397E+0	0.00000000000000E+0
Node	928	4.27636861112419E+0	2.18021892399619E+0	0.00000000000000E+0
Node	929	4.15548287511780E+0	1.59923088453496E+0	0.00000000000000E+0
Node	930	4.26638171261370E+0	1.02707343795699E+0	0.00000000000000E+0
Node	931	3.77874095413976E+0	9.88588873012413E-1	0.00000000000000E+0
Node	932	3.74430613456209E+0	1.45652365712048E+0	0.00000000000000E+0
Node	933	3.74704074395177E+0	1.80020005622892E+0	0.00000000000000E+0
Node	934	3.78772126838868E+0	2.27502320026113E+0	0.00000000000000E+0
Node	935	3.81199495965968E+0	2.78281401331745E+0	0.00000000000000E+0
Node	936	3.81973655768123E+0	3.29376293438965E+0	0.00000000000000E+0
Node	937	4.32977529924261E+0	3.26962241136673E+0	0.00000000000000E+0
Node	938	5.41542747470505E+0	3.28680823120617E+0	0.00000000000000E+0
Node	939	6.60915420168669E+0	3.26226099224182E+0	0.00000000000000E+0
Node	940	8.23382343043807E+0	3.02042776727706E+0	0.00000000000000E+0
Node	941	8.80720081118857E+0	3.15703616525571E+0	0.00000000000000E+0
Node	942	9.96246863509880E+0	3.37994033868337E+0	0.00000000000000E+0
Node	943	1.11062576177590E+1	3.23708675648613E+0	0.00000000000000E+0
Node	944	1.24970271836210E+1	1.47943229278438E+0	0.00000000000000E+0
Node	945	8.38736294202127E+0	2.56067488062039E+0	0.00000000000000E+0

Node	946	8.40278056800929E+0	2.04831738531882E+0	0.00000000000000E+0
Node	947	8.37824965444284E+0	1.52272594820473E+0	0.00000000000000E+0
Node	948	7.93670756944877E+0	1.51418136596429E+0	0.00000000000000E+0
Node	949	7.98015477665255E+0	2.03700029080117E+0	0.00000000000000E+0
Node	950	8.04903012669148E+0	2.55257577097236E+0	0.00000000000000E+0
Node	951	1.65000000003543E+1	3.82222222118966E+0	0.00000000000000E+0
Node	952	1.65000000003543E+1	3.34444444340243E+0	0.00000000000000E+0
Node	953	1.65000000003543E+1	2.86666666561521E+0	0.00000000000000E+0
Node	954	1.65000000003543E+1	2.38888888782798E+0	0.00000000000000E+0
Node	955	1.65000000003543E+1	1.91111111004075E+0	0.00000000000000E+0
Node	956	1.65000000003543E+1	1.43333333225353E+0	0.00000000000000E+0
Node	957	1.65000000003543E+1	9.55555554466303E-1	0.00000000000000E+0
Node	958	1.65000000003543E+1	4.77777776679078E-1	0.00000000000000E+0
Node	959	1.65000000003543E+1	-1.10814823983673E-9	0.00000000000000E+0
Node	960	1.60291666671921E+1	-1.05718929907515E-9	0.00000000000000E+0
Node	961	1.55583333339566E+1	-1.00623035830565E-9	0.00000000000000E+0
Node	962	1.50875000007212E+1	-9.55271417536152E-10	0.00000000000000E+0
Node	963	1.46166666674858E+1	-9.04312476766650E-10	0.00000000000000E+0
Node	964	1.41458333342504E+1	-8.53353535997149E-10	0.00000000000000E+0
Node	965	1.57499999996535E+1	1.49947533193914E+0	7.35322362263549E-26
Node	966	1.55275924999334E+1	2.03233909455375E+0	8.08390780173777E-26
Node	967	1.49999999996536E+1	2.24947533876972E+0	8.80540350147284E-26
Node	968	1.44724075005239E+1	2.03233909600551E+0	9.94286477800623E-26
Node	969	1.42499999996536E+1	1.49947533566090E+0	7.10067047295026E-26
Node	970	1.44671362421773E+1	9.71882839566730E-1	9.46916474896602E-26
Node	971	1.49999999996535E+1	7.49475339389719E-1	8.86854178906031E-26
Node	972	1.55275924957001E+1	9.66611577869020E-1	1.01001112330254E-25

Node	973	1.42505521568585E+1	2.60228538210314E+0	0.00000000000000E+0
Node	974	1.41006193201597E+1	3.10547623491363E+0	0.00000000000000E+0
Node	975	1.39494364268338E+1	3.40600077422700E+0	0.00000000000000E+0
Node	976	1.40744079197923E+1	3.76882953178266E+0	0.00000000000000E+0
Node	977	1.60436282768289E+1	3.80567255031456E+0	0.00000000000000E+0
Node	978	1.60590924296987E+1	3.33102368094364E+0	0.00000000000000E+0
Node	979	1.60483176907046E+1	2.88308207555497E+0	0.00000000000000E+0
Node	980	1.62236214915810E+1	1.40374900000415E+0	0.00000000000000E+0
Node	981	1.60468063804682E+1	9.75272266984095E-1	0.00000000000000E+0
Node	982	1.60862990589542E+1	4.48045727213509E-1	0.00000000000000E+0
Node	983	1.57696492639523E+1	3.46834334726315E-1	0.00000000000000E+0
Node	984	1.43094195603883E+1	4.50645156572042E-1	0.00000000000000E+0
Node	985	1.48083333334436E+1	3.74737669140786E-1	0.00000000000000E+0
Node	986	1.56765527154907E+1	5.70633981801975E-1	0.00000000000000E+0
Node	987	1.59215362313702E+1	2.38912870537816E+0	0.00000000000000E+0
Node	988	1.52447027619146E+1	3.13489502497215E+0	0.00000000000000E+0
Node	989	1.61250000000039E+1	1.70529322098995E+0	0.00000000000000E+0
Node	990	1.54686270449973E+1	2.67859177583819E+0	0.00000000000000E+0
Node	991	1.47541818133029E+1	2.88243731659414E+0	0.00000000000000E+0
Node	992	1.57177547613258E+1	2.94797891447458E+0	0.00000000000000E+0
Node	993	1.56471865850669E+1	3.29188385552719E+0	0.00000000000000E+0
Node	994	1.55862540103935E+1	3.76944430014806E+0	0.00000000000000E+0
Node	995	1.51088156042913E+1	3.68666715192906E+0	0.00000000000000E+0
Node	996	1.45287606826637E+1	3.54767102042893E+0	0.00000000000000E+0
Node	997	1.53749999996535E+1	1.49947533380178E+0	6.59556453942308E-26
Node	998	1.49999999996535E+1	1.49947533566443E+0	5.83790545621067E-26
Node	999	1.49999999996535E+1	1.12447533752707E+0	7.35322362263549E-26

Node	1000	1.53008641674111E+1	1.19685408607264E+0	7.73427199760589E-26
Node	1001	1.46249999996536E+1	1.49947533566267E+0	6.46928796458046E-26
Node	1002	1.46973787495472E+1	1.19861116851007E+0	7.74359405791426E-26
Node	1003	1.08749999998041E+1	1.50122127723331E+0	6.59744508909382E-26
Node	1004	1.04999999998041E+1	1.50122127909596E+0	5.83978600588141E-26
Node	1005	1.04999999998041E+1	1.12622128049293E+0	7.26039678735381E-26
Node	1006	1.08008641675915E+1	1.19860002922064E+0	7.73615255060931E-26
Node	1007	1.01249999998041E+1	1.50122128095864E+0	6.21861554748761E-26
Node	1008	1.01973787493375E+1	1.20035711282553E+0	7.74547459853186E-26
Node	1009	6.37499999958034E+0	1.50296722066501E+0	6.59932563972032E-26
Node	1010	5.99999999958034E+0	1.50296722252766E+0	5.84166655650791E-26
Node	1011	5.99999999958031E+0	1.12796722439030E+0	7.35698472293273E-26
Node	1012	6.30086416733795E+0	1.20034597293587E+0	7.73803309790315E-26
Node	1013	5.62499999958036E+0	1.50296722252590E+0	6.47304906487770E-26
Node	1014	5.69737874947405E+0	1.20210305537330E+0	7.74735515821150E-26
Node	1015	1.31818181828213E+1	1.20036414261751E+1	0.00000000000000E+0
Node	1016	1.26886363645932E+1	1.20036414262083E+1	0.00000000000000E+0
Node	1017	1.21954545463652E+1	1.20036414262415E+1	0.00000000000000E+0
Node	1018	1.17022727281372E+1	1.20036414262748E+1	0.00000000000000E+0
Node	1019	1.12090909099092E+1	1.20036414263080E+1	0.00000000000000E+0
Node	1020	1.07159090916812E+1	1.20036414263412E+1	0.00000000000000E+0
Node	1021	1.02227272734531E+1	1.20036414263744E+1	0.00000000000000E+0
Node	1022	9.72954545522516E+0	1.20036414264076E+1	0.00000000000000E+0
Node	1023	9.23636363699713E+0	1.20036414264408E+1	0.00000000000000E+0
Node	1024	8.74318181876911E+0	1.20036414264741E+1	0.00000000000000E+0
Node	1025	8.25000000054108E+0	1.20036414265073E+1	0.00000000000000E+0
Node	1026	7.75681818231306E+0	1.20036414265405E+1	0.00000000000000E+0

Node	1027	7.26363636408504E+0	1.20036414265737E+1	0.00000000000000E+0
Node	1028	6.77045454585702E+0	1.20036414266069E+1	0.00000000000000E+0
Node	1029	6.27727272762899E+0	1.20036414266402E+1	0.00000000000000E+0
Node	1030	5.78409090940097E+0	1.20036414266734E+1	0.00000000000000E+0
Node	1031	5.29090909117295E+0	1.20036414267066E+1	0.00000000000000E+0
Node	1032	4.79772727294492E+0	1.20036414267398E+1	0.00000000000000E+0
Node	1033	4.30454545471690E+0	1.20036414267730E+1	0.00000000000000E+0
Node	1034	3.81136363648888E+0	1.20036414268062E+1	0.00000000000000E+0
Node	1035	3.31818181826086E+0	1.20036414268395E+1	0.00000000000000E+0
Node	1036	3.31818181820095E+0	1.65036428677598E+1	0.00000000000000E+0
Node	1037	3.81136363642568E+0	1.65036428677342E+1	0.00000000000000E+0
Node	1038	4.30454545465040E+0	1.65036428677085E+1	0.00000000000000E+0
Node	1039	4.79772727287512E+0	1.65036428676829E+1	0.00000000000000E+0
Node	1040	5.29090909109985E+0	1.65036428676572E+1	0.00000000000000E+0
Node	1041	5.78409090932457E+0	1.65036428676316E+1	0.00000000000000E+0
Node	1042	6.27727272754930E+0	1.65036428676059E+1	0.00000000000000E+0
Node	1043	6.77045454577402E+0	1.65036428675803E+1	0.00000000000000E+0
Node	1044	7.26363636399875E+0	1.65036428675546E+1	0.00000000000000E+0
Node	1045	7.75681818222347E+0	1.65036428675289E+1	0.00000000000000E+0
Node	1046	8.25000000044820E+0	1.65036428675033E+1	0.00000000000000E+0
Node	1047	8.74318181867292E+0	1.65036428674776E+1	0.00000000000000E+0
Node	1048	9.23636363689765E+0	1.65036428674520E+1	0.00000000000000E+0
Node	1049	9.72954545512238E+0	1.65036428674263E+1	0.00000000000000E+0
Node	1050	1.02227272733471E+1	1.65036428674007E+1	0.00000000000000E+0
Node	1051	1.07159090915718E+1	1.65036428673750E+1	0.00000000000000E+0
Node	1052	1.12090909097965E+1	1.65036428673494E+1	0.00000000000000E+0
Node	1053	1.17022727280212E+1	1.65036428673237E+1	0.00000000000000E+0

Node	1054	1.21954545462460E+1	1.65036428672981E+1	0.00000000000000E+0
Node	1055	1.26886363644707E+1	1.65036428672724E+1	0.00000000000000E+0
Node	1056	1.31818181826954E+1	1.65036428672467E+1	0.00000000000000E+0
Node	1057	6.75068424787189E+0	1.49637918687317E+1	1.33260061060602E-23
Node	1058	6.52827675020820E+0	1.54966556296234E+1	1.33336305890213E-23
Node	1059	6.00068425345982E+0	1.57137918761823E+1	1.33411591927962E-23
Node	1060	5.47309175073752E+0	1.54966556356142E+1	1.33537885559674E-23
Node	1061	5.25068424601659E+0	1.49637918741644E+1	1.33266373425869E-23
Node	1062	5.46782048853723E+0	1.44361993761337E+1	1.33500086091625E-23
Node	1063	6.00068424784250E+0	1.42137918755614E+1	1.33436847084625E-23
Node	1064	6.52827674374375E+0	1.44309281146401E+1	1.33547456821332E-23
Node	1065	1.12506842481785E+1	1.49637918681159E+1	5.51587961143221E-15
Node	1066	1.10282767484486E+1	1.54966556307397E+1	5.51587961144111E-15
Node	1067	1.05006842481515E+1	1.57137918749456E+1	5.51587961144989E-15
Node	1068	9.97309174984805E+0	1.54966556325827E+1	5.51587961146126E-15
Node	1069	9.75068424818531E+0	1.49637918735486E+1	5.51587961143284E-15
Node	1070	9.96782048989886E+0	1.44361993761734E+1	5.51587961145496E-15
Node	1071	1.05006842481784E+1	1.42137918755664E+1	5.51587961144736E-15
Node	1072	1.10282767442251E+1	1.44309281140457E+1	5.51587961145968E-15
Node	1073	9.62590510977483E+0	1.60065128393033E+1	0.00000000000000E+0
Node	1074	9.36270410347585E+0	1.49654045557742E+1	0.00000000000000E+0
Node	1075	9.58205952785950E+0	1.39462596450850E+1	0.00000000000000E+0
Node	1076	1.05290485999314E+1	1.37782794055923E+1	0.00000000000000E+0
Node	1077	1.16274958935805E+1	1.39374453908917E+1	0.00000000000000E+0
Node	1078	1.17283232521503E+1	1.49668110506333E+1	0.00000000000000E+0
Node	1079	1.00979095073813E+1	1.60001492465261E+1	0.00000000000000E+0
Node	1080	9.51534103853185E+0	1.54880300522617E+1	0.00000000000000E+0

Node	1081	9.50237596417854E+0	1.44501163647706E+1	0.00000000000000E+0
Node	1082	1.00487889952520E+1	1.38953703155440E+1	0.00000000000000E+0
Node	1083	1.10773494921509E+1	1.38914869180299E+1	0.00000000000000E+0
Node	1084	1.16358880425421E+1	1.44499839792661E+1	0.00000000000000E+0
Node	1085	1.16459853317234E+1	1.54896522637353E+1	0.00000000000000E+0
Node	1086	5.14985268339979E+0	1.60278052524301E+1	0.00000000000000E+0
Node	1087	4.79633614964270E+0	1.49894273304445E+1	0.00000000000000E+0
Node	1088	4.73248462701285E+0	1.37873873814262E+1	0.00000000000000E+0
Node	1089	5.97445112927082E+0	1.36819171478987E+1	0.00000000000000E+0
Node	1090	7.10379212625026E+0	1.36596113849738E+1	0.00000000000000E+0
Node	1091	7.24216371610591E+0	1.49375600419530E+1	0.00000000000000E+0
Node	1092	5.62859132612925E+0	1.60001492480419E+1	0.00000000000000E+0
Node	1093	4.99822484731334E+0	1.55230594497720E+1	0.00000000000000E+0
Node	1094	4.77221973250503E+0	1.44530296799380E+1	0.00000000000000E+0
Node	1095	5.37795454128314E+0	1.37649826789510E+1	0.00000000000000E+0
Node	1096	6.51748207093764E+0	1.37133275380162E+1	0.00000000000000E+0
Node	1097	7.14910787302181E+0	1.43260805623692E+1	0.00000000000000E+0
Node	1098	7.16907346362869E+0	1.54701092462322E+1	0.00000000000000E+0
Node	1099	1.31779714480422E+1	1.24995078182325E+1	0.00000000000000E+0
Node	1100	1.26806008981335E+1	1.24950457166379E+1	0.00000000000000E+0
Node	1101	1.21826155282674E+1	1.24900211831806E+1	0.00000000000000E+0
Node	1102	1.16839264956638E+1	1.24844609698371E+1	0.00000000000000E+0
Node	1103	1.11852117529599E+1	1.24793157916048E+1	0.00000000000000E+0
Node	1104	1.06883724815797E+1	1.24771366484293E+1	0.00000000000000E+0
Node	1105	1.01950042391172E+1	1.24814452890825E+1	0.00000000000000E+0
Node	1106	9.70452797513433E+0	1.24892657189989E+1	0.00000000000000E+0
Node	1107	9.21536380842212E+0	1.24988895399991E+1	0.00000000000000E+0

Node	1108	8.72453132780857E+0	1.25094788580192E+1	0.00000000000000E+0
Node	1109	8.22749048679477E+0	1.25169927103421E+1	0.00000000000000E+0
Node	1110	7.72179247433101E+0	1.25114426534279E+1	0.00000000000000E+0
Node	1111	7.22764996855717E+0	1.24901233980169E+1	0.00000000000000E+0
Node	1112	6.85632869737871E+0	1.24948739113177E+1	0.00000000000000E+0
Node	1113	6.35901123708725E+0	1.25341661774441E+1	0.00000000000000E+0
Node	1114	5.83940696833010E+0	1.25576252111276E+1	0.00000000000000E+0
Node	1115	5.31256361319692E+0	1.25722314373995E+1	0.00000000000000E+0
Node	1116	4.78370111864834E+0	1.25725116349174E+1	0.00000000000000E+0
Node	1117	4.26516865694713E+0	1.25545832783447E+1	0.00000000000000E+0
Node	1118	3.77894021713743E+0	1.25186936978419E+1	0.00000000000000E+0
Node	1119	3.30305176397891E+0	1.25052163125479E+1	0.00000000000000E+0
Node	1120	3.29039238875184E+0	1.29960252242308E+1	0.00000000000000E+0
Node	1121	3.29694518116398E+0	1.34634656600798E+1	0.00000000000000E+0
Node	1122	3.38867755664864E+0	1.39402751717301E+1	0.00000000000000E+0
Node	1123	3.41422554417470E+0	1.45229585246454E+1	0.00000000000000E+0
Node	1124	3.35125095124439E+0	1.50494977209118E+1	0.00000000000000E+0
Node	1125	3.31916924879034E+0	1.55400085118077E+1	0.00000000000000E+0
Node	1126	3.31305017966801E+0	1.60220250205782E+1	0.00000000000000E+0
Node	1127	3.78870736546002E+0	1.60409344128854E+1	0.00000000000000E+0
Node	1128	4.24361235993260E+0	1.60532230306327E+1	0.00000000000000E+0
Node	1129	4.69138818875228E+0	1.60408446839243E+1	0.00000000000000E+0
Node	1130	6.13897849018097E+0	1.61087173719046E+1	0.00000000000000E+0
Node	1131	6.64936565124573E+0	1.60001492450465E+1	0.00000000000000E+0
Node	1132	7.19894238622837E+0	1.59984947429261E+1	0.00000000000000E+0
Node	1133	7.72025780297738E+0	1.59825708628346E+1	0.00000000000000E+0
Node	1134	8.21869453327109E+0	1.59800370956410E+1	0.00000000000000E+0

Node	1135	8.69836134247025E+0	1.59869934822796E+1	0.00000000000000E+0
Node	1136	9.16502092243163E+0	1.59960340043468E+1	0.00000000000000E+0
Node	1137	1.06082966692236E+1	1.61087173712863E+1	0.00000000000000E+0
Node	1138	1.11186838320627E+1	1.60001492456047E+1	0.00000000000000E+0
Node	1139	1.16588803274496E+1	1.60073079504852E+1	0.00000000000000E+0
Node	1140	1.21755279365233E+1	1.59992061108038E+1	0.00000000000000E+0
Node	1141	1.26789943639040E+1	1.59985785832612E+1	0.00000000000000E+0
Node	1142	1.31777834634369E+1	1.60007466812498E+1	0.00000000000000E+0
Node	1143	1.31752530784372E+1	1.54976562301005E+1	0.00000000000000E+0
Node	1144	1.31739756422270E+1	1.49945018643228E+1	0.00000000000000E+0
Node	1145	1.31716159547065E+1	1.44921152119160E+1	0.00000000000000E+0
Node	1146	1.31706223862616E+1	1.39913383525571E+1	0.00000000000000E+0
Node	1147	1.31717759433892E+1	1.34926682812629E+1	0.00000000000000E+0
Node	1148	1.31744667137404E+1	1.29957025426509E+1	0.00000000000000E+0
Node	1149	3.78613004705272E+0	1.55849972528074E+1	0.00000000000000E+0
Node	1150	4.18851380631530E+0	1.56273078131417E+1	0.00000000000000E+0
Node	1151	4.57180701229492E+0	1.55774523071085E+1	0.00000000000000E+0
Node	1152	4.40303127893796E+0	1.51152628817764E+1	0.00000000000000E+0
Node	1153	4.09161569997508E+0	1.45993104242614E+1	0.00000000000000E+0
Node	1154	5.33780598020969E+0	1.31541494807735E+1	0.00000000000000E+0
Node	1155	7.68222104906763E+0	1.36471809902359E+1	0.00000000000000E+0
Node	1156	7.71926672724977E+0	1.42758818761038E+1	0.00000000000000E+0
Node	1157	7.72448898466124E+0	1.48853311992818E+1	0.00000000000000E+0
Node	1158	7.70586779224044E+0	1.54472076037469E+1	0.00000000000000E+0
Node	1159	8.20525711816909E+0	1.54450297096669E+1	0.00000000000000E+0
Node	1160	8.66607214854282E+0	1.54650207965755E+1	0.00000000000000E+0
Node	1161	9.09999405487100E+0	1.54810758779758E+1	0.00000000000000E+0

Node	1162	9.05495154776561E+0	1.49613506487777E+1	0.00000000000000E+0
Node	1163	9.09759480440212E+0	1.44551007571748E+1	0.00000000000000E+0
Node	1164	9.13975067459663E+0	1.39831367449279E+1	0.00000000000000E+0
Node	1165	1.16438522826806E+1	1.34469861484713E+1	0.00000000000000E+0
Node	1166	1.21589582076265E+1	1.34661911364650E+1	0.00000000000000E+0
Node	1167	1.21528937569485E+1	1.39613245177994E+1	0.00000000000000E+0
Node	1168	1.21594510387074E+1	1.44660121658512E+1	0.00000000000000E+0
Node	1169	1.21823649913697E+1	1.49758928346204E+1	0.00000000000000E+0
Node	1170	1.21690595254396E+1	1.54882596985235E+1	0.00000000000000E+0
Node	1171	1.26741747821930E+1	1.54917569155988E+1	0.00000000000000E+0
Node	1172	1.26740166703679E+1	1.49847220997842E+1	0.00000000000000E+0
Node	1173	1.26669723069706E+1	1.44792450552131E+1	0.00000000000000E+0
Node	1174	1.26642497557399E+1	1.39772946657661E+1	0.00000000000000E+0
Node	1175	1.26671468280966E+1	1.34802881997506E+1	0.00000000000000E+0
Node	1176	1.26731595723214E+1	1.29869308441798E+1	0.00000000000000E+0
Node	1177	1.21703142768023E+1	1.29768330125782E+1	0.00000000000000E+0
Node	1178	1.16650294015701E+1	1.29648495460990E+1	0.00000000000000E+0
Node	1179	1.11582638314094E+1	1.29520671148557E+1	0.00000000000000E+0
Node	1180	1.06555293395855E+1	1.29441304120091E+1	0.00000000000000E+0
Node	1181	1.01621415022402E+1	1.29557130461734E+1	0.00000000000000E+0
Node	1182	9.67593361836593E+0	1.29734242793112E+1	0.00000000000000E+0
Node	1183	9.19402145836999E+0	1.29943811773676E+1	0.00000000000000E+0
Node	1184	8.71028482029394E+0	1.30204970502599E+1	0.00000000000000E+0
Node	1185	8.21168945018514E+0	1.30458622670458E+1	0.00000000000000E+0
Node	1186	7.67284089427964E+0	1.30371368112113E+1	0.00000000000000E+0
Node	1187	7.06635751197394E+0	1.29518564492737E+1	0.00000000000000E+0
Node	1188	6.46192967985439E+0	1.30802182844162E+1	0.00000000000000E+0

Node	1189	5.90224390121668E+0	1.31194628769915E+1	0.00000000000000E+0
Node	1190	4.76121367744762E+0	1.31593295101208E+1	0.00000000000000E+0
Node	1191	4.19490547681204E+0	1.31241147020530E+1	0.00000000000000E+0
Node	1192	3.73678269408011E+0	1.30124717078880E+1	0.00000000000000E+0
Node	1193	3.68393187799324E+0	1.34149768861662E+1	0.00000000000000E+0
Node	1194	4.01855055681563E+0	1.37722076566948E+1	0.00000000000000E+0
Node	1195	3.84569285609471E+0	1.51317043461809E+1	0.00000000000000E+0
Node	1196	4.14852434329157E+0	1.52925477640015E+1	0.00000000000000E+0
Node	1197	1.11233218598453E+1	1.34202940636614E+1	0.00000000000000E+0
Node	1198	1.06078494293565E+1	1.33916386290810E+1	0.00000000000000E+0
Node	1199	1.01159788223884E+1	1.34241301775842E+1	0.00000000000000E+0
Node	1200	9.63732247741079E+0	1.34564151550976E+1	0.00000000000000E+0
Node	1201	9.16970767711054E+0	1.34896601976956E+1	0.00000000000000E+0
Node	1202	8.70662667931338E+0	1.35395281096682E+1	0.00000000000000E+0
Node	1203	8.23109547948514E+0	1.36162720378429E+1	0.00000000000000E+0
Node	1204	8.22744621027872E+0	1.48805672194783E+1	0.00000000000000E+0
Node	1205	8.66050225364040E+0	1.49365506333209E+1	0.00000000000000E+0
Node	1206	8.69568478256372E+0	1.44225136412584E+1	0.00000000000000E+0
Node	1207	8.71293742960343E+0	1.40449056775816E+1	0.00000000000000E+0
Node	1208	8.31659891135526E+0	1.42467085194178E+1	0.00000000000000E+0
Node	1209	1.87568424773488E+0	1.50045607637224E+1	5.30361358248686E-26
Node	1210	1.50068424773488E+0	1.50045607655850E+1	4.54595449927445E-26
Node	1211	1.50068424773485E+0	1.46295607674477E+1	6.06127266569926E-26
Node	1212	1.80154841549249E+0	1.47019395159932E+1	6.44232104066969E-26
Node	1213	1.12568424773490E+0	1.50045607655833E+1	5.17733700764424E-26
Node	1214	1.19806299762859E+0	1.47036965984307E+1	6.45164310097803E-26
Node	1215	1.50068424928532E+0	1.53795607671377E+1	6.02970352207174E-26

Node	1216	1.80154841779030E+0	1.53071820163143E+1	6.48107473357453E-26
Node	1217	1.19982007983631E+0	1.53071820175288E+1	6.44232106819514E-26
Node	1218	1.87499999983303E+0	6.00471350250818E+0	1.14481418231579E-25
Node	1219	1.49999999983303E+0	6.00471350437083E+0	1.06904827399455E-25
Node	1220	1.49999999983299E+0	5.62971350623347E+0	1.22058009063703E-25
Node	1221	1.80086416759063E+0	5.70209225477904E+0	1.25868492813407E-25
Node	1222	1.49999999981952E+0	6.37971350592303E+0	1.23320773715181E-25
Node	1223	1.80086416899398E+0	6.30733475546861E+0	1.26256029800897E-25
Node	1224	1.12499999983642E+0	6.00471350522454E+0	1.14797109394456E-25
Node	1225	1.19737874946005E+0	5.70384933764493E+0	1.25961713372200E-25
Node	1226	1.19913583131073E+0	6.30733475636751E+0	1.25868493101872E-25
Node	1227	1.87568424773490E+0	1.05047135752960E+1	1.43955225810358E-25
Node	1228	1.50068424773490E+0	1.05047135771586E+1	1.36378634978234E-25
Node	1229	1.50068424773486E+0	1.01297135790213E+1	1.51531816642482E-25
Node	1230	1.80154841549250E+0	1.02020923275669E+1	1.55342300392186E-25
Node	1231	1.12568424773491E+0	1.05047135771569E+1	1.42692460061931E-25
Node	1232	1.19806299762860E+0	1.02038494100043E+1	1.55435520995269E-25
Node	1233	1.50068424928533E+0	1.08797135787113E+1	1.51216125206206E-25
Node	1234	1.80154841779032E+0	1.08073348278879E+1	1.55729837321234E-25
Node	1235	1.19982007983633E+0	1.08073348291024E+1	1.55342300667440E-25
Node	1236	1.53749999998337E+1	1.04994760100289E+1	1.62894358062948E-25
Node	1237	1.4999999998337E+1	1.04994760118916E+1	1.55317767230824E-25
Node	1238	1.4999999998337E+1	1.01244760137542E+1	1.70470948895072E-25
Node	1239	1.53008641675913E+1	1.01968547622998E+1	1.74281432644776E-25
Node	1240	1.4999999998202E+1	1.08744760134438E+1	1.71733713546550E-25
Node	1241	1.53008641689947E+1	1.08020972629894E+1	1.74668969632267E-25
Node	1242	1.46249999998371E+1	1.04994760127453E+1	1.63210049225825E-25

Node	1243	1.46973787494607E+1	1.01986118451657E+1	1.74374653203569E-25
Node	1244	1.46991358313114E+1	1.08020972638883E+1	1.74281432933242E-25
Node	1245	1.53756842477473E+1	1.49637918699310E+1	-7.43641088029926E-25
Node	1246	1.50006842477473E+1	1.49637918717936E+1	-7.51217678862051E-25
Node	1247	1.50006842477473E+1	1.45887918736563E+1	-7.36064497197802E-25
Node	1248	1.53015484155049E+1	1.46611706222018E+1	-7.32254013448098E-25
Node	1249	1.50006842492977E+1	1.53387918733463E+1	-7.36380188634078E-25
Node	1250	1.53015484178027E+1	1.52664131225229E+1	-7.31866476519050E-25
Node	1251	1.46256842477473E+1	1.49637918717919E+1	-7.44903853778353E-25
Node	1252	1.46980629976410E+1	1.46629277046393E+1	-7.32160792845015E-25
Node	1253	1.46998200798487E+1	1.52664131237374E+1	-7.32254013172844E-25
Node	1254	5.9999999958036E+0	1.87796722408030E+0	7.32541557913902E-26
Node	1255	6.30086416874905E+0	1.80558847362252E+0	7.77678679660443E-26
Node	1256	5.69913583079506E+0	1.80558847410585E+0	7.73803312217776E-26
Node	1257	1.49999999980810E+0	1.12971316735614E+0	7.26415788771507E-26
Node	1258	1.49999999980812E+0	1.50471316595916E+0	5.84354710624267E-26
Node	1259	1.12499999980812E+0	1.50471316782184E+0	6.22237664784887E-26
Node	1260	1.19737874934150E+0	1.20384899968873E+0	7.74923569889312E-26
Node	1261	1.50000000120512E+0	1.87971316735613E+0	7.26415788726592E-26
Node	1262	1.19913583216288E+0	1.80733441892722E+0	7.73991368679499E-26
Node	1263	1.87499999980812E+0	1.50471316409651E+0	6.60120618945508E-26
Node	1264	1.80086416759554E+0	1.20209191608383E+0	7.73991365097059E-26
Node	1265	1.80086416976630E+0	1.80733441663032E+0	7.77866734012529E-26
Node	1266	1.05000000012011E+1	1.87622128049293E+0	7.26039678690466E-26
Node	1267	1.08008641697623E+1	1.80384252976712E+0	7.77490623976403E-26
Node	1268	1.01991358321589E+1	1.80384253206402E+0	7.73615258643374E-26
Node	1269	5.24999999977200E+0	1.05029679024802E+1	1.62931969066016E-25

Node	1270	5.46713624121475E+0	9.97537540391020E+0	1.88185380181615E-25
Node	1271	5.99999999977197E+0	9.75296790154881E+0	1.83767593863339E-25
Node	1272	5.99999999977199E+0	1.01279679001518E+1	1.69561486048615E-25
Node	1273	5.99999999977200E+0	1.05029678987548E+1	1.55355378233891E-25
Node	1274	5.62499999977200E+0	1.05029679006175E+1	1.59143673649953E-25
Node	1275	5.69737874930538E+0	1.02021037324844E+1	1.74412264160396E-25
Node	1276	6.00000000256601E+0	1.12529679015488E+1	1.83767593854357E-25
Node	1277	5.47240750266557E+0	1.10358316615567E+1	1.93260044420640E-25
Node	1278	6.00000000116900E+0	1.08779679001518E+1	1.69561486044124E-25
Node	1279	5.69913583212676E+0	1.08055891517229E+1	1.74319044039415E-25
Node	1280	6.52759249590800E+0	9.97010414057454E+0	1.97024369657124E-25
Node	1281	6.74999999977200E+0	1.05029678950295E+1	1.70508559898140E-25
Node	1282	6.37499999977200E+0	1.05029678968922E+1	1.62931969066016E-25
Node	1283	6.30086416755942E+0	1.02003466488795E+1	1.74319043681170E-25
Node	1284	6.52759250102324E+0	1.10358316565287E+1	1.77180024282935E-25
Node	1285	6.30086416973018E+0	1.08055891494260E+1	1.74706580572718E-25
Node	1286	9.75068424817855E+0	1.04637897571967E+1	5.51587961142463E-15
Node	1287	9.96782048962130E+0	9.93619725862674E+0	5.51587961144989E-15
Node	1288	1.05006842481785E+1	9.71378975626535E+0	5.51587961144547E-15
Node	1289	1.05006842481785E+1	1.00887897548683E+1	5.51587961143126E-15
Node	1290	1.05006842481785E+1	1.04637897534714E+1	5.51587961141706E-15
Node	1291	1.01256842481785E+1	1.04637897553340E+1	5.51587961142085E-15
Node	1292	1.01980629977119E+1	1.01629255872009E+1	5.51587961143611E-15
Node	1293	1.05006842509725E+1	1.12137897562653E+1	5.51587961144547E-15
Node	1294	9.97309175107211E+0	1.09966535162733E+1	5.51587961145496E-15
Node	1295	1.05006842495755E+1	1.08387897548683E+1	5.51587961143126E-15
Node	1296	1.01998200805333E+1	1.07664110064394E+1	5.51587961143602E-15

Node	1297	1.10282767443145E+1	9.93092599529107E+0	5.51587961145873E-15
Node	1298	1.12506842481785E+1	1.04637897497461E+1	5.51587961143221E-15
Node	1299	1.08756842481785E+1	1.04637897516087E+1	5.51587961142463E-15
Node	1300	1.08015484159659E+1	1.01611685035960E+1	5.51587961143602E-15
Node	1301	1.10282767494297E+1	1.09966535112453E+1	5.51587961143888E-15
Node	1302	1.08015484181367E+1	1.07664110041425E+1	5.51587961143641E-15
Node	1303	1.49999999996536E+1	1.87447533721707E+0	7.32165447884178E-26
Node	1304	1.53008641688222E+1	1.80209658675929E+0	7.77302569630719E-26
Node	1305	1.46991358308683E+1	1.80209658724262E+0	7.73427202188052E-26
Node	1306	1.49999999997436E+1	5.62447567547302E+0	1.21054518714399E-25
Node	1307	1.49999999997436E+1	5.99947567407605E+0	1.06848410899675E-25
Node	1308	1.46249999997436E+1	5.99947567593873E+0	1.10636706315737E-25
Node	1309	1.46973787492770E+1	5.69861150780562E+0	1.25905296826180E-25
Node	1310	1.50000000011406E+1	6.37447567547303E+0	1.21054518709908E-25
Node	1311	1.46991358320984E+1	6.30209692704411E+0	1.25812076705199E-25
Node	1312	1.53749999997436E+1	5.99947567221340E+0	1.14425001731799E-25
Node	1313	1.53008641675311E+1	5.69685442420073E+0	1.25812076346954E-25
Node	1314	1.53008641697018E+1	6.30209692474721E+0	1.26199613238501E-25
Node	1315	1.08756842481785E+1	1.49637918699785E+1	5.51587961142463E-15
Node	1316	1.05006842481785E+1	1.49637918718412E+1	5.51587961141706E-15
Node	1317	1.05006842481785E+1	1.45887918737038E+1	5.51587961143221E-15
Node	1318	1.08015484159361E+1	1.46611706222494E+1	5.51587961143602E-15
Node	1319	6.37568424787189E+0	1.49637918705943E+1	1.33184294202998E-23
Node	1320	6.00068424787189E+0	1.49637918724570E+1	1.33108527345394E-23
Node	1321	6.00068424785719E+0	1.45887918740092E+1	1.33272687215010E-23
Node	1322	6.30154841556637E+0	1.46611706227546E+1	1.33298163999655E-23
Node	1323	1.05006842481650E+1	1.53387918733934E+1	5.51587961143347E-15

Node	1324	1.08015484173394E+1	1.52664131229389E+1	5.51587961143641E-15
Node	1325	6.00068425066585E+0	1.53387918743196E+1	1.33260059636678E-23
Node	1326	6.30154841865741E+0	1.52664131230809E+1	1.33302039368557E-23
Node	1327	6.00068424762553E+0	5.21378941581767E+0	1.33411590978679E-23
Node	1328	6.52827674582131E+0	5.43092565734433E+0	1.33534747924079E-23
Node	1329	6.75068424762553E+0	5.96378941581767E+0	1.33260059162037E-23
Node	1330	6.37568424762553E+0	5.96378941581767E+0	1.33184293253715E-23
Node	1331	6.00068424762553E+0	5.96378941581767E+0	1.33108527345394E-23
Node	1332	6.00068424762553E+0	5.58878941581767E+0	1.33260059162037E-23
Node	1333	6.30154841609955E+0	5.66116816537902E+0	1.33298164000600E-23
Node	1334	5.25068424763258E+0	5.96378941581767E+0	1.33266372985254E-23
Node	1335	5.46782048915511E+0	5.43619691762258E+0	1.33487537718777E-23
Node	1336	5.62568424762906E+0	5.96378941581767E+0	1.33187450165324E-23
Node	1337	5.69806299718903E+0	5.66292524734388E+0	1.33299096206877E-23
Node	1338	6.00068424759733E+0	6.71378941581767E+0	1.33436846271549E-23
Node	1339	6.00068424761143E+0	6.33878941581767E+0	1.33272686808472E-23
Node	1340	6.52827674581122E+0	6.49665317430099E+0	1.33349012015517E-23
Node	1341	6.30154841609149E+0	6.26641066625965E+0	1.33302039368853E-23
Node	1342	5.47309174942253E+0	6.49665317428037E+0	1.33550592406954E-23
Node	1343	5.69982007914558E+0	6.26641066625277E+0	1.33298164000597E-23
Node	1344	1.12506842479321E+1	5.96378941147655E+0	5.51587961143221E-15
Node	1345	1.10335480084842E+1	6.49138191376895E+0	5.51587961145432E-15
Node	1346	1.05006842479051E+1	6.71378941830625E+0	5.51587961144989E-15
Node	1347	9.97309174960170E+0	6.49665317594336E+0	5.51587961146126E-15
Node	1348	9.75068424793896E+0	5.96378941690927E+0	5.51587961143284E-15
Node	1349	9.96782048965250E+0	5.43619691953408E+0	5.51587961145496E-15
Node	1350	1.05006842479321E+1	5.21378941892713E+0	5.51587961144736E-15

Node	1351	1.10282767439787E+1	5.43092565740644E+0	5.51587961145968E-15
Node	1352	1.14934976560166E+1	4.99756877950408E+0	0.00000000000000E+0
Node	1353	1.21163600318613E+1	5.99495154709291E+0	0.00000000000000E+0
Node	1354	1.14229585629070E+1	6.85871954791579E+0	0.00000000000000E+0
Node	1355	1.04663901916840E+1	7.54750521112059E+0	0.00000000000000E+0
Node	1356	9.64037400378195E+0	6.82615977216588E+0	0.00000000000000E+0
Node	1357	8.92507176097056E+0	5.94269181297274E+0	0.00000000000000E+0
Node	1358	1.06411052450745E+1	4.62318468945813E+0	0.00000000000000E+0
Node	1359	1.17948815533395E+1	5.58119646420530E+0	0.00000000000000E+0
Node	1360	1.17425277456720E+1	6.36977309445881E+0	0.00000000000000E+0
Node	1361	1.09400584850466E+1	7.20799090386275E+0	0.00000000000000E+0
Node	1362	1.00823204338259E+1	7.13679677202049E+0	0.00000000000000E+0
Node	1363	9.30959381496997E+0	6.37414963844954E+0	0.00000000000000E+0
Node	1364	9.30074363627642E+0	5.53771397206063E+0	0.00000000000000E+0
Node	1365	1.03617057594513E+1	4.75689470946357E+0	0.00000000000000E+0
Node	1366	1.08548875777734E+1	4.75689470946357E+0	0.00000000000000E+0
Node	1367	9.61204677067934E+0	1.15216654732863E+1	0.00000000000000E+0
Node	1368	9.29452960316390E+0	1.04885066778578E+1	0.00000000000000E+0
Node	1369	9.35766518365029E+0	9.39491778270557E+0	0.00000000000000E+0
Node	1370	1.04946000039967E+1	9.23029039650688E+0	0.00000000000000E+0
Node	1371	1.16563386819807E+1	9.38646302140092E+0	0.00000000000000E+0
Node	1372	1.17333833321426E+1	1.04688151742270E+1	0.00000000000000E+0
Node	1373	1.00979095079933E+1	1.15001474679943E+1	0.00000000000000E+0
Node	1374	9.48016262201331E+0	1.10151444916939E+1	0.00000000000000E+0
Node	1375	9.35903809496960E+0	9.94945603511611E+0	0.00000000000000E+0
Node	1376	9.92361886340226E+0	9.34821797620510E+0	0.00000000000000E+0
Node	1377	1.10856975532063E+1	9.29987299854363E+0	0.00000000000000E+0

Node	1378	1.16503013010655E+1	9.94328046456899E+0	0.00000000000000E+0
Node	1379	1.16494092014019E+1	1.09949646220304E+1	0.00000000000000E+0
Node	1380	5.15416592109521E+0	1.15334585327278E+1	0.00000000000000E+0
Node	1381	4.83240432392692E+0	1.05176995107583E+1	0.00000000000000E+0
Node	1382	4.90047235909939E+0	9.47225686163374E+0	0.00000000000000E+0
Node	1383	5.99737855008515E+0	9.27617478938375E+0	0.00000000000000E+0
Node	1384	7.13504782811704E+0	9.36326163335555E+0	0.00000000000000E+0
Node	1385	7.24244337054477E+0	1.04950703192122E+1	0.00000000000000E+0
Node	1386	5.62824920209328E+0	1.15197365406360E+1	0.00000000000000E+0
Node	1387	5.01217823110473E+0	1.10358714335561E+1	0.00000000000000E+0
Node	1388	4.90207515837393E+0	1.00138086989847E+1	0.00000000000000E+0
Node	1389	5.44599553517434E+0	9.39703873946691E+0	0.00000000000000E+0
Node	1390	6.55252630692336E+0	9.34964054106433E+0	0.00000000000000E+0
Node	1391	7.15242657194019E+0	9.94097410421882E+0	0.00000000000000E+0
Node	1392	7.16969023402798E+0	1.10153212676546E+1	0.00000000000000E+0
Node	1393	5.89238757684895E+0	4.75689470790884E+0	0.00000000000000E+0
Node	1394	6.89296700452225E+0	4.85119665504453E+0	0.00000000000000E+0
Node	1395	7.13716772078707E+0	6.06058785368849E+0	0.00000000000000E+0
Node	1396	6.40277473872100E+0	4.86546283225086E+0	0.00000000000000E+0
Node	1397	7.01493223345538E+0	5.43608578179728E+0	0.00000000000000E+0
Node	1398	3.31723783702371E+0	4.79286866499473E+0	0.00000000000000E+0
Node	1399	3.31333079879514E+0	5.28455832255258E+0	0.00000000000000E+0
Node	1400	3.30507085905762E+0	5.77299526294431E+0	0.00000000000000E+0
Node	1401	3.29349018746582E+0	6.25467710865245E+0	0.00000000000000E+0
Node	1402	3.27837133830654E+0	6.72439571674779E+0	0.00000000000000E+0
Node	1403	3.26853421499153E+0	7.17799490210942E+0	0.00000000000000E+0
Node	1404	3.28198706413496E+0	7.63330505555007E+0	0.00000000000000E+0

Node	1405	3.30033741744619E+0	8.10819387801325E+0	0.00000000000000E+0
Node	1406	3.31513095997505E+0	8.59804019859427E+0	0.00000000000000E+0
Node	1407	3.32653266682081E+0	9.09767672276885E+0	0.00000000000000E+0
Node	1408	3.33523479343386E+0	9.60733310770191E+0	0.00000000000000E+0
Node	1409	3.33573304342978E+0	1.01236856139215E+1	0.00000000000000E+0
Node	1410	3.30086742243258E+0	1.05929026732343E+1	0.00000000000000E+0
Node	1411	3.29327921120305E+0	1.10599940854490E+1	0.00000000000000E+0
Node	1412	3.30253046420860E+0	1.15307722111097E+1	0.00000000000000E+0
Node	1413	3.77293050353768E+0	1.15366632887994E+1	0.00000000000000E+0
Node	1414	4.23291873923648E+0	1.15369012453388E+1	0.00000000000000E+0
Node	1415	4.69376037095228E+0	1.15328026859128E+1	0.00000000000000E+0
Node	1416	6.13863636473407E+0	1.16283046642107E+1	0.00000000000000E+0
Node	1417	6.64902352665325E+0	1.15197365381220E+1	0.00000000000000E+0
Node	1418	7.19907832157688E+0	1.15220008199865E+1	0.00000000000000E+0
Node	1419	7.72267065572125E+0	1.15123309944336E+1	0.00000000000000E+0
Node	1420	8.22460734627042E+0	1.15158665052076E+1	0.00000000000000E+0
Node	1421	8.70328531844953E+0	1.15248914716688E+1	0.00000000000000E+0
Node	1422	9.14802604628393E+0	1.15259996450255E+1	0.00000000000000E+0
Node	1423	1.06082966706341E+1	1.16087155915690E+1	0.00000000000000E+0
Node	1424	1.11186838325533E+1	1.15001474654803E+1	0.00000000000000E+0
Node	1425	1.16605939030232E+1	1.15110692041761E+1	0.00000000000000E+0
Node	1426	1.21782603878559E+1	1.15068694799472E+1	0.00000000000000E+0
Node	1427	1.26817085155522E+1	1.15103277453941E+1	0.00000000000000E+0
Node	1428	1.31794140415458E+1	1.15160069165929E+1	0.00000000000000E+0
Node	1429	1.31789348358125E+1	1.10277798867809E+1	0.00000000000000E+0
Node	1430	1.31806319081874E+1	1.05391504480616E+1	0.00000000000000E+0
Node	1431	1.31826381278181E+1	1.00510776297547E+1	0.00000000000000E+0

Node	1432	1.31877398606779E+1	9.56565907746133E+0	0.00000000000000E+0
Node	1433	1.31965638690210E+1	9.08691752624370E+0	0.00000000000000E+0
Node	1434	1.32063691363071E+1	8.61920285210219E+0	0.00000000000000E+0
Node	1435	1.32086197467697E+1	8.16176114009380E+0	0.00000000000000E+0
Node	1436	1.31852982823212E+1	7.69791361580976E+0	0.00000000000000E+0
Node	1437	1.31626494879239E+1	7.20933786609584E+0	0.00000000000000E+0
Node	1438	1.31694334804907E+1	6.71527443654849E+0	0.00000000000000E+0
Node	1439	1.31738730221426E+1	6.23190022358772E+0	0.00000000000000E+0
Node	1440	1.31560858929638E+1	5.74480478287669E+0	0.00000000000000E+0
Node	1441	1.31766223348452E+1	5.27426306852502E+0	0.00000000000000E+0
Node	1442	1.31796587789715E+1	4.79266985035469E+0	0.00000000000000E+0
Node	1443	1.26838831060001E+1	4.81499423840623E+0	0.00000000000000E+0
Node	1444	1.21725909483573E+1	4.87035633217929E+0	0.00000000000000E+0
Node	1445	9.62003537278014E+0	5.00722942613361E+0	0.00000000000000E+0
Node	1446	9.11729457780745E+0	4.81705102633216E+0	0.00000000000000E+0
Node	1447	8.70023639823887E+0	4.72666502497180E+0	0.00000000000000E+0
Node	1448	7.84801100737097E+0	4.79334174292894E+0	0.00000000000000E+0
Node	1449	7.37585018448000E+0	4.83718702980800E+0	0.00000000000000E+0
Node	1450	5.37936479203142E+0	4.86809845519815E+0	0.00000000000000E+0
Node	1451	4.83469573699462E+0	4.83467049165577E+0	0.00000000000000E+0
Node	1452	4.31522095449580E+0	4.82120994798561E+0	0.00000000000000E+0
Node	1453	3.81243873501929E+0	4.80543874824677E+0	0.00000000000000E+0
Node	1454	3.74435197830453E+0	1.10749435147337E+1	0.00000000000000E+0
Node	1455	4.15931460006592E+0	1.10735973318851E+1	0.00000000000000E+0
Node	1456	4.58721821142493E+0	1.10549935658483E+1	0.00000000000000E+0
Node	1457	4.47614221011339E+0	1.05721555824681E+1	0.00000000000000E+0
Node	1458	4.41063954625934E+0	1.00876715457743E+1	0.00000000000000E+0

Node	1459	4.37807638719239E+0	9.54492516151805E+0	0.00000000000000E+0
Node	1460	4.34846080295020E+0	9.00611708322055E+0	0.00000000000000E+0
Node	1461	4.87574235565690E+0	8.93325484656527E+0	0.00000000000000E+0
Node	1462	5.42428620641553E+0	8.86262760817616E+0	0.00000000000000E+0
Node	1463	5.98572561418988E+0	8.79909482235508E+0	0.00000000000000E+0
Node	1464	6.55520046788831E+0	8.79084343473589E+0	0.00000000000000E+0
Node	1465	7.13471881769112E+0	8.78964776000980E+0	0.00000000000000E+0
Node	1466	7.70918624253637E+0	8.80471674543950E+0	0.00000000000000E+0
Node	1467	7.70051961591348E+0	9.37278412812923E+0	0.00000000000000E+0
Node	1468	7.70902068603497E+0	9.93810783312129E+0	0.00000000000000E+0
Node	1469	7.72947165470594E+0	1.04894277204388E+1	0.00000000000000E+0
Node	1470	7.71060089848481E+0	1.10090346586795E+1	0.00000000000000E+0
Node	1471	8.22260777929265E+0	1.10240908696422E+1	0.00000000000000E+0
Node	1472	8.69686360930137E+0	1.10551146924391E+1	0.00000000000000E+0
Node	1473	9.03821710645499E+0	1.10539084457033E+1	0.00000000000000E+0
Node	1474	8.82178964643283E+0	1.06193919626247E+1	0.00000000000000E+0
Node	1475	8.80955295161394E+0	9.40789433537250E+0	0.00000000000000E+0
Node	1476	9.33845082461536E+0	8.87410278412854E+0	0.00000000000000E+0
Node	1477	1.04493082340282E+1	8.73729056364060E+0	0.00000000000000E+0
Node	1478	1.11605218444484E+1	8.64708361136340E+0	0.00000000000000E+0
Node	1479	1.16984962774096E+1	8.83329394258770E+0	0.00000000000000E+0
Node	1480	1.21938607545311E+1	1.04933275721338E+1	0.00000000000000E+0
Node	1481	1.21754913613822E+1	1.10028882648367E+1	0.00000000000000E+0
Node	1482	1.26805298357448E+1	1.10150263029709E+1	0.00000000000000E+0
Node	1483	1.26856527984326E+1	1.05179244864141E+1	0.00000000000000E+0
Node	1484	1.26866758821554E+1	1.00206398202038E+1	0.00000000000000E+0
Node	1485	1.26959441944193E+1	9.52668557725782E+0	0.00000000000000E+0

Node	1486	1.27161155554728E+1	9.04583465069369E+0	0.00000000000000E+0
Node	1487	1.27443154383879E+1	8.59245089166927E+0	0.00000000000000E+0
Node	1488	1.27672973076155E+1	8.17601472302781E+0	0.00000000000000E+0
Node	1489	1.26949204825770E+1	7.74888556790781E+0	0.00000000000000E+0
Node	1490	1.26209336165239E+1	7.23503278990271E+0	0.00000000000000E+0
Node	1491	1.26658067526469E+1	6.71315278247510E+0	0.00000000000000E+0
Node	1492	1.26939607635231E+1	5.29695775069696E+0	0.00000000000000E+0
Node	1493	1.23159024785210E+1	5.36928349469601E+0	0.00000000000000E+0
Node	1494	1.25970393286303E+1	5.72946361236870E+0	0.00000000000000E+0
Node	1495	1.26937883215785E+1	6.24270387760135E+0	0.00000000000000E+0
Node	1496	1.23309914998034E+1	6.29937301733884E+0	0.00000000000000E+0
Node	1497	1.21767564047985E+1	6.66210657578615E+0	0.00000000000000E+0
Node	1498	1.19597958271490E+1	7.26933381545006E+0	0.00000000000000E+0
Node	1499	1.13671144447709E+1	7.70918808248437E+0	0.00000000000000E+0
Node	1500	1.08180348084222E+1	8.03749222401898E+0	0.00000000000000E+0
Node	1501	1.02686592686885E+1	8.23859847077486E+0	0.00000000000000E+0
Node	1502	1.00251470394412E+1	7.80774094458014E+0	0.00000000000000E+0
Node	1503	9.72042115668147E+0	7.45611297351359E+0	0.00000000000000E+0
Node	1504	9.33765026046973E+0	7.13570399122888E+0	0.00000000000000E+0
Node	1505	8.92924346174279E+0	6.76028998925441E+0	0.00000000000000E+0
Node	1506	8.49500439297254E+0	6.32538266239660E+0	0.00000000000000E+0
Node	1507	8.18570821678175E+0	5.79184599959894E+0	0.00000000000000E+0
Node	1508	8.59494519966332E+0	5.53352097898420E+0	0.00000000000000E+0
Node	1509	8.91331865391489E+0	5.23436543122183E+0	0.00000000000000E+0
Node	1510	3.80588441416427E+0	5.31046762679155E+0	0.00000000000000E+0
Node	1511	3.78795329494808E+0	5.81050084947021E+0	0.00000000000000E+0
Node	1512	3.76436278993044E+0	6.29847343878962E+0	0.00000000000000E+0

Node	1513	3.72434683549792E+0	6.76089305999083E+0	0.00000000000000E+0
Node	1514	3.68565688096201E+0	7.16819577000295E+0	0.00000000000000E+0
Node	1515	3.73040191555029E+0	7.57797679935509E+0	0.00000000000000E+0
Node	1516	3.77617341233139E+0	8.04880962260606E+0	0.00000000000000E+0
Node	1517	3.85594340315783E+0	9.60968746671785E+0	0.00000000000000E+0
Node	1518	3.88363989636636E+0	1.02156700421509E+1	0.00000000000000E+0
Node	1519	3.75002924600167E+0	1.06279928992918E+1	0.00000000000000E+0
Node	1520	4.06915149918678E+0	1.06245634773301E+1	0.00000000000000E+0
Node	1521	3.83182620008107E+0	9.06758915451270E+0	0.00000000000000E+0
Node	1522	3.80745125541682E+0	8.55042022238906E+0	0.00000000000000E+0
Node	1523	4.31139199498092E+0	8.47657233174262E+0	0.00000000000000E+0
Node	1524	4.83904855990866E+0	8.38764394075303E+0	0.00000000000000E+0
Node	1525	5.40054087326235E+0	8.31825247716284E+0	0.00000000000000E+0
Node	1526	5.97533875053820E+0	8.26537232217545E+0	0.00000000000000E+0
Node	1527	6.55757663634370E+0	8.22537352636305E+0	0.00000000000000E+0
Node	1528	7.14909159295434E+0	8.20246139387771E+0	0.00000000000000E+0
Node	1529	7.73995429099551E+0	8.22067955709899E+0	0.00000000000000E+0
Node	1530	8.30501279904598E+0	8.29259410808773E+0	0.00000000000000E+0
Node	1531	8.26727075589699E+0	8.83756966797474E+0	0.00000000000000E+0
Node	1532	8.25729440530787E+0	9.39010343230227E+0	0.00000000000000E+0
Node	1533	8.25871619674952E+0	9.95477103351574E+0	0.00000000000000E+0
Node	1534	8.25866998548909E+0	1.05196011496479E+1	0.00000000000000E+0
Node	1535	1.21810240737638E+1	9.98325002226348E+0	0.00000000000000E+0
Node	1536	1.21908595962413E+1	9.46940467990337E+0	0.00000000000000E+0
Node	1537	1.22246969311429E+1	8.97091347503603E+0	0.00000000000000E+0
Node	1538	1.22849789216136E+1	8.52236276178760E+0	0.00000000000000E+0
Node	1539	1.24202294328142E+1	8.19605558915307E+0	0.00000000000000E+0

Node	1540	1.22061278999966E+1	7.88426625376467E+0	0.00000000000000E+0
Node	1541	1.17463728422280E+1	8.32171200860260E+0	0.00000000000000E+0
Node	1542	9.87268980055117E+0	8.83169611060446E+0	0.00000000000000E+0
Node	1543	9.77505192893895E+0	8.36535484434103E+0	0.00000000000000E+0
Node	1544	9.63919843522986E+0	7.98172334599779E+0	0.00000000000000E+0
Node	1545	9.06157342203197E+0	7.49573088322144E+0	0.00000000000000E+0
Node	1546	8.58099545313936E+0	7.20212090732428E+0	0.00000000000000E+0
Node	1547	7.95211377847417E+0	6.80192338958703E+0	0.00000000000000E+0
Node	1548	7.68984179039267E+0	6.01577116277895E+0	0.00000000000000E+0
Node	1549	7.50777488801673E+0	5.39813313389580E+0	0.00000000000000E+0
Node	1550	7.97167523499574E+0	5.28938197895409E+0	0.00000000000000E+0
Node	1551	8.37219783589694E+0	5.15634979327328E+0	0.00000000000000E+0
Node	1552	8.65537704671507E+0	5.04216389546933E+0	0.00000000000000E+0
Node	1553	4.30929448742740E+0	5.34558635841407E+0	0.00000000000000E+0
Node	1554	4.27458380580834E+0	5.86719278796327E+0	0.00000000000000E+0
Node	1555	4.24753355244073E+0	6.37681490984553E+0	0.00000000000000E+0
Node	1556	4.16195813731200E+0	6.86140980754033E+0	0.00000000000000E+0
Node	1557	4.00971633400654E+0	7.16204381516470E+0	0.00000000000000E+0
Node	1558	4.16756432618321E+0	7.46280520935432E+0	0.00000000000000E+0
Node	1559	4.25963714814049E+0	7.95409602821633E+0	0.00000000000000E+0
Node	1560	4.78133941796290E+0	7.81533885248201E+0	0.00000000000000E+0
Node	1561	5.37890755935423E+0	7.75242073613195E+0	0.00000000000000E+0
Node	1562	5.97330648210378E+0	7.71636145577004E+0	0.00000000000000E+0
Node	1563	6.56560858959684E+0	7.64308501750989E+0	0.00000000000000E+0
Node	1564	7.17771524777803E+0	7.57652419205671E+0	0.00000000000000E+0
Node	1565	7.80910209737708E+0	7.58711548254885E+0	0.00000000000000E+0
Node	1566	8.39201113463000E+0	7.74694798835858E+0	0.00000000000000E+0

Node	1567	8.89672103313788E+0	7.90495732421305E+0	0.00000000000000E+0
Node	1568	8.82799201536794E+0	8.36665543385941E+0	0.00000000000000E+0
Node	1569	8.80880848820817E+0	8.86809237001253E+0	0.00000000000000E+0
Node	1570	8.81350577908530E+0	9.98018705817939E+0	0.00000000000000E+0
Node	1571	4.84081521066769E+0	5.38927225283913E+0	0.00000000000000E+0
Node	1572	4.75103293601787E+0	5.94560147763998E+0	0.00000000000000E+0
Node	1573	4.78323799401806E+0	6.49199381331116E+0	0.00000000000000E+0
Node	1574	4.65587874191628E+0	7.15692681511198E+0	0.00000000000000E+0
Node	1575	5.37329561857552E+0	7.15274686580092E+0	0.00000000000000E+0
Node	1576	5.98876943590530E+0	7.20135124152270E+0	0.00000000000000E+0
Node	1577	6.56882044819769E+0	7.05394279618137E+0	0.00000000000000E+0
Node	1578	7.20233770616002E+0	6.87463193024753E+0	0.00000000000000E+0
Node	1579	9.43376637144659E+0	7.73776590433070E+0	0.00000000000000E+0
Node	1580	9.31879489498242E+0	8.00855218817756E+0	0.00000000000000E+0
Node	1581	9.31370187584766E+0	8.40342817490136E+0	0.00000000000000E+0
Node	1582	8.28770043064766E+0	4.74679796295365E+0	0.00000000000000E+0
Node	1583	1.08756842479321E+1	5.96378941333920E+0	5.51587961142463E-15
Node	1584	1.05006842479321E+1	5.96378941520184E+0	5.51587961141706E-15
Node	1585	1.05006842479321E+1	5.58878941706449E+0	5.51587961143221E-15
Node	1586	1.08015484156897E+1	5.66116816561005E+0	5.51587961143602E-15
Node	1587	1.05006842479186E+1	6.33878941675404E+0	5.51587961143347E-15
Node	1588	1.08033054990592E+1	6.26465358431704E+0	5.51587961143618E-15
Node	1589	1.01256842479355E+1	5.96378941605555E+0	5.51587961142495E-15
Node	1590	1.01980629975592E+1	5.66292524847595E+0	5.51587961143611E-15
Node	1591	1.01998200794098E+1	6.26641066719852E+0	5.51587961143602E-15
Node	1592	5.62568424694424E+0	1.49637918733107E+1	1.33187450385632E-23
Node	1593	5.69806299683202E+0	1.46629277054091E+1	1.33299096205416E-23

Node	1594	5.69982008037378E+0	1.52664131253624E+1	1.33298164003360E-23
Node	1595	1.01256842481819E+1	1.49637918726949E+1	5.51587961142495E-15
Node	1596	1.01980629978055E+1	1.46629277051153E+1	5.51587961143611E-15
Node	1597	1.01998200796562E+1	1.52664131238378E+1	5.51587961143602E-15
Node	1598	2.82499999981819E+0	1.65036428677883E+1	5.00000000000000E-1
Node	1599	2.82499999981819E+0	1.65036428677910E+1	1.00000000000000E+0
Node	1600	2.82499999981819E+0	1.65036428677938E+1	1.50000000000000E+0
Node	1601	2.82499999981819E+0	1.65036428677966E+1	2.00000000000000E+0
Node	1602	2.82499999981819E+0	1.65036428677994E+1	2.50000000000000E+0
Node	1603	2.82499999981819E+0	1.65036428678022E+1	3.00000000000000E+0
Node	1604	2.82499999981819E+0	1.65036428678050E+1	3.50000000000000E+0
Node	1605	2.82499999981819E+0	1.65036428678077E+1	4.00000000000000E+0
Node	1606	2.82499999981819E+0	1.65036428678105E+1	4.50000000000000E+0
Node	1607	2.82499999981819E+0	1.65036428678133E+1	5.00000000000000E+0
Node	1608	2.82499999981819E+0	1.65036428678161E+1	5.50000000000000E+0
Node	1609	2.82499999981819E+0	1.65036428678189E+1	6.00000000000000E+0
Node	1610	2.82499999981819E+0	1.65036428678216E+1	6.50000000000000E+0
Node	1611	2.82499999981819E+0	1.65036428678244E+1	7.00000000000000E+0
Node	1612	2.82499999981819E+0	1.65036428678272E+1	7.50000000000000E+0
Node	1613	2.82499999981819E+0	1.65036428678300E+1	8.00000000000000E+0
Node	1614	2.82499999981819E+0	1.65036428678328E+1	8.50000000000000E+0
Node	1615	2.82499999981819E+0	1.65036428678355E+1	9.00000000000000E+0
Node	1616	1.36750000001443E+1	1.65036428672211E+1	9.00000000000000E+0
Node	1617	1.36750000001443E+1	1.65036428672211E+1	8.50000000000000E+0
Node	1618	1.36750000001443E+1	1.65036428672211E+1	8.00000000000000E+0
Node	1619	1.36750000001443E+1	1.65036428672211E+1	7.50000000000000E+0
Node	1620	1.36750000001443E+1	1.65036428672211E+1	7.00000000000000E+0

Node	1621	1.36750000001443E+1	1.65036428672211E+1	6.50000000000000E+0
Node	1622	1.36750000001443E+1	1.65036428672211E+1	6.00000000000000E+0
Node	1623	1.36750000001443E+1	1.65036428672211E+1	5.50000000000000E+0
Node	1624	1.36750000001443E+1	1.65036428672211E+1	5.00000000000000E+0
Node	1625	1.36750000001443E+1	1.65036428672211E+1	4.50000000000000E+0
Node	1626	1.36750000001443E+1	1.65036428672211E+1	4.00000000000000E+0
Node	1627	1.36750000001443E+1	1.65036428672211E+1	3.50000000000000E+0
Node	1628	1.36750000001443E+1	1.65036428672211E+1	3.00000000000000E+0
Node	1629	1.36750000001443E+1	1.65036428672211E+1	2.50000000000000E+0
Node	1630	1.36750000001443E+1	1.65036428672211E+1	2.00000000000000E+0
Node	1631	1.36750000001443E+1	1.65036428672211E+1	1.50000000000000E+0
Node	1632	1.36750000001443E+1	1.65036428672211E+1	1.00000000000000E+0
Node	1633	1.36750000001443E+1	1.65036428672211E+1	5.00000000000000E-1
Node	1634	2.82499999981819E+0	1.20036414268727E+1	5.00000000000000E-1
Node	1635	2.82499999981819E+0	1.20036414268727E+1	1.00000000000000E+0
Node	1636	2.82499999981819E+0	1.20036414268727E+1	1.50000000000000E+0
Node	1637	2.82499999981819E+0	1.20036414268727E+1	2.00000000000000E+0
Node	1638	2.82499999981819E+0	1.20036414268727E+1	2.50000000000000E+0
Node	1639	2.82499999981819E+0	1.20036414268727E+1	3.00000000000000E+0
Node	1640	2.82499999981819E+0	1.20036414268727E+1	3.50000000000000E+0
Node	1641	2.82499999981819E+0	1.20036414268727E+1	4.00000000000000E+0
Node	1642	2.82499999981819E+0	1.20036414268727E+1	4.50000000000000E+0
Node	1643	2.82499999981819E+0	1.20036414268727E+1	5.00000000000000E+0
Node	1644	2.82499999981819E+0	1.20036414268727E+1	5.50000000000000E+0
Node	1645	2.82499999981819E+0	1.20036414268727E+1	6.00000000000000E+0
Node	1646	2.82499999981819E+0	1.20036414268727E+1	6.50000000000000E+0
Node	1647	2.82499999981819E+0	1.20036414268727E+1	7.00000000000000E+0

Node	1648	2.82499999981819E+0	1.20036414268727E+1	7.50000000000000E+0
Node	1649	2.82499999981819E+0	1.20036414268727E+1	8.00000000000000E+0
Node	1650	2.82499999981819E+0	1.20036414268727E+1	8.50000000000000E+0
Node	1651	2.82499999981819E+0	1.20036414268727E+1	9.00000000000000E+0
Node	1652	1.36750000004405E+1	1.20036414258649E+1	9.00000000000000E+0
Node	1653	1.36750000004302E+1	1.20036414258803E+1	8.50000000000000E+0
Node	1654	1.36750000004199E+1	1.20036414258957E+1	8.00000000000000E+0
Node	1655	1.36750000004096E+1	1.20036414259111E+1	7.50000000000000E+0
Node	1656	1.36750000003993E+1	1.20036414259265E+1	7.00000000000000E+0
Node	1657	1.36750000003890E+1	1.20036414259419E+1	6.50000000000000E+0
Node	1658	1.36750000003787E+1	1.20036414259573E+1	6.00000000000000E+0
Node	1659	1.36750000003684E+1	1.20036414259726E+1	5.50000000000000E+0
Node	1660	1.36750000003581E+1	1.20036414259880E+1	5.00000000000000E+0
Node	1661	1.36750000003478E+1	1.20036414260034E+1	4.50000000000000E+0
Node	1662	1.36750000003375E+1	1.20036414260188E+1	4.00000000000000E+0
Node	1663	1.36750000003272E+1	1.20036414260342E+1	3.50000000000000E+0
Node	1664	1.36750000003169E+1	1.20036414260496E+1	3.00000000000000E+0
Node	1665	1.36750000003066E+1	1.20036414260650E+1	2.50000000000000E+0
Node	1666	1.36750000002963E+1	1.20036414260803E+1	2.00000000000000E+0
Node	1667	1.36750000002860E+1	1.20036414260957E+1	1.50000000000000E+0
Node	1668	1.36750000002757E+1	1.20036414261111E+1	1.00000000000000E+0
Node	1669	1.36750000002654E+1	1.20036414261265E+1	5.00000000000000E-1
Node	1670	1.36749999992685E+1	4.29999999899483E+0	9.00000000000000E+0
Node	1671	1.36749999993122E+1	4.29999999901278E+0	8.50000000000000E+0
Node	1672	1.36749999993559E+1	4.29999999903073E+0	8.00000000000000E+0
Node	1673	1.36749999993996E+1	4.29999999904868E+0	7.50000000000000E+0
Node	1674	1.36749999994434E+1	4.29999999906663E+0	7.00000000000000E+0

Node	1675	1.36749999994871E+1	4.29999999908458E+0	6.50000000000000E+0
Node	1676	1.36749999995308E+1	4.29999999910253E+0	6.00000000000000E+0
Node	1677	1.36749999995745E+1	4.29999999912048E+0	5.50000000000000E+0
Node	1678	1.36749999996182E+1	4.29999999913843E+0	5.00000000000000E+0
Node	1679	1.36749999996619E+1	4.29999999915638E+0	4.50000000000000E+0
Node	1680	1.36749999997056E+1	4.29999999917433E+0	4.00000000000000E+0
Node	1681	1.36749999997493E+1	4.29999999919228E+0	3.50000000000000E+0
Node	1682	1.36749999997930E+1	4.29999999921022E+0	3.00000000000000E+0
Node	1683	1.36749999998367E+1	4.29999999922817E+0	2.50000000000000E+0
Node	1684	1.36749999998804E+1	4.29999999924612E+0	2.00000000000000E+0
Node	1685	1.36749999999242E+1	4.29999999926407E+0	1.50000000000000E+0
Node	1686	1.36749999999679E+1	4.29999999928202E+0	1.00000000000000E+0
Node	1687	1.36750000000116E+1	4.29999999929997E+0	5.00000000000000E-1
Node	1688	1.36749999993397E+1	4.78147758815643E+0	5.00000000000000E-1
Node	1689	1.36749999994547E+1	5.26295517733597E+0	5.00000000000000E-1
Node	1690	1.36749999995696E+1	5.74443276651552E+0	5.00000000000000E-1
Node	1691	1.36749999996846E+1	6.22591035569506E+0	5.00000000000000E-1
Node	1692	1.36749999997995E+1	6.70738794487461E+0	5.00000000000000E-1
Node	1693	1.36749999999144E+1	7.18886553405415E+0	5.00000000000000E-1
Node	1694	1.36750000000294E+1	7.67034312323370E+0	5.00000000000000E-1
Node	1695	1.36750000001443E+1	8.15182071241324E+0	5.00000000000000E-1
Node	1696	1.36750000002592E+1	8.63329830159279E+0	5.00000000000000E-1
Node	1697	1.36750000003742E+1	9.11477589077234E+0	5.00000000000000E-1
Node	1698	1.36750000004891E+1	9.59625347995188E+0	5.00000000000000E-1
Node	1699	1.36750000006041E+1	1.00777310691314E+1	5.00000000000000E-1
Node	1700	1.36750000007190E+1	1.05592086583109E+1	5.00000000000000E-1
Node	1701	1.36750000008339E+1	1.10406862474905E+1	5.00000000000000E-1

Node	1702	1.36750000009489E+1	1.15221638366700E+1	5.00000000000000E-1
Node	1703	1.36749999993397E+1	4.78147758815643E+0	1.00000000000000E+0
Node	1704	1.36749999994547E+1	5.26295517733597E+0	1.00000000000000E+0
Node	1705	1.36749999995696E+1	5.74443276651552E+0	1.00000000000000E+0
Node	1706	1.36749999996846E+1	6.22591035569506E+0	1.00000000000000E+0
Node	1707	1.36749999997995E+1	6.70738794487461E+0	1.00000000000000E+0
Node	1708	1.36749999999144E+1	7.18886553405415E+0	1.00000000000000E+0
Node	1709	1.36750000000294E+1	7.67034312323370E+0	1.00000000000000E+0
Node	1710	1.36750000001443E+1	8.15182071241324E+0	1.00000000000000E+0
Node	1711	1.36750000002592E+1	8.63329830159279E+0	1.00000000000000E+0
Node	1712	1.36750000003742E+1	9.11477589077234E+0	1.00000000000000E+0
Node	1713	1.36750000004891E+1	9.59625347995188E+0	1.00000000000000E+0
Node	1714	1.36750000006041E+1	1.00777310691314E+1	1.00000000000000E+0
Node	1715	1.36750000007190E+1	1.05592086583109E+1	1.00000000000000E+0
Node	1716	1.36750000008339E+1	1.10406862474905E+1	1.00000000000000E+0
Node	1717	1.36750000009489E+1	1.15221638366700E+1	1.00000000000000E+0
Node	1718	1.36749999993397E+1	4.78147758815643E+0	1.50000000000000E+0
Node	1719	1.36749999994547E+1	5.26295517733597E+0	1.50000000000000E+0
Node	1720	1.36749999995696E+1	5.74443276651552E+0	1.50000000000000E+0
Node	1721	1.36749999996846E+1	6.22591035569506E+0	1.50000000000000E+0
Node	1722	1.36749999997995E+1	6.70738794487461E+0	1.50000000000000E+0
Node	1723	1.36749999999144E+1	7.18886553405415E+0	1.50000000000000E+0
Node	1724	1.36750000000294E+1	7.67034312323370E+0	1.50000000000000E+0
Node	1725	1.36750000001443E+1	8.15182071241324E+0	1.50000000000000E+0
Node	1726	1.36750000002592E+1	8.63329830159279E+0	1.50000000000000E+0
Node	1727	1.36750000003742E+1	9.11477589077234E+0	1.50000000000000E+0
Node	1728	1.36750000004891E+1	9.59625347995188E+0	1.50000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	203 di 729

Node	1729	1.36750000006041E+1	1.00777310691314E+1	1.50000000000000E+0
Node	1730	1.36750000007190E+1	1.05592086583109E+1	1.50000000000000E+0
Node	1731	1.36750000008339E+1	1.10406862474905E+1	1.50000000000000E+0
Node	1732	1.36750000009489E+1	1.15221638366700E+1	1.50000000000000E+0
Node	1733	1.36749999993397E+1	4.78147758815643E+0	2.00000000000000E+0
Node	1734	1.36749999994547E+1	5.26295517733597E+0	2.00000000000000E+0
Node	1735	1.36749999995696E+1	5.74443276651552E+0	2.00000000000000E+0
Node	1736	1.36749999996846E+1	6.22591035569506E+0	2.00000000000000E+0
Node	1737	1.36749999997995E+1	6.70738794487461E+0	2.00000000000000E+0
Node	1738	1.36749999999144E+1	7.18886553405415E+0	2.00000000000000E+0
Node	1739	1.36750000000294E+1	7.67034312323370E+0	2.00000000000000E+0
Node	1740	1.36750000001443E+1	8.15182071241324E+0	2.00000000000000E+0
Node	1741	1.36750000002592E+1	8.63329830159279E+0	2.00000000000000E+0
Node	1742	1.36750000003742E+1	9.11477589077234E+0	2.00000000000000E+0
Node	1743	1.36750000004891E+1	9.59625347995188E+0	2.00000000000000E+0
Node	1744	1.36750000006041E+1	1.00777310691314E+1	2.00000000000000E+0
Node	1745	1.36750000007190E+1	1.05592086583109E+1	2.00000000000000E+0
Node	1746	1.36750000008339E+1	1.10406862474905E+1	2.00000000000000E+0
Node	1747	1.36750000009489E+1	1.15221638366700E+1	2.00000000000000E+0
Node	1748	1.36749999993397E+1	4.78147758815643E+0	2.50000000000000E+0
Node	1749	1.36749999994547E+1	5.26295517733597E+0	2.50000000000000E+0
Node	1750	1.36749999995696E+1	5.74443276651552E+0	2.50000000000000E+0
Node	1751	1.36749999996846E+1	6.22591035569506E+0	2.50000000000000E+0
Node	1752	1.36749999997995E+1	6.70738794487461E+0	2.50000000000000E+0
Node	1753	1.36749999999144E+1	7.18886553405415E+0	2.50000000000000E+0
Node	1754	1.36750000000294E+1	7.67034312323370E+0	2.50000000000000E+0
Node	1755	1.36750000001443E+1	8.15182071241324E+0	2.50000000000000E+0

Node	1756	1.36750000002592E+1	8.63329830159279E+0	2.50000000000000E+0
Node	1757	1.36750000003742E+1	9.11477589077234E+0	2.50000000000000E+0
Node	1758	1.36750000004891E+1	9.59625347995188E+0	2.50000000000000E+0
Node	1759	1.36750000006041E+1	1.00777310691314E+1	2.50000000000000E+0
Node	1760	1.36750000007190E+1	1.05592086583109E+1	2.50000000000000E+0
Node	1761	1.36750000008339E+1	1.10406862474905E+1	2.50000000000000E+0
Node	1762	1.36750000009489E+1	1.15221638366700E+1	2.50000000000000E+0
Node	1763	1.36749999993397E+1	4.78147758815643E+0	3.00000000000000E+0
Node	1764	1.36749999994547E+1	5.26295517733597E+0	3.00000000000000E+0
Node	1765	1.36749999995696E+1	5.74443276651552E+0	3.00000000000000E+0
Node	1766	1.36749999996846E+1	6.22591035569506E+0	3.00000000000000E+0
Node	1767	1.36749999997995E+1	6.70738794487461E+0	3.00000000000000E+0
Node	1768	1.36749999999144E+1	7.18886553405415E+0	3.00000000000000E+0
Node	1769	1.36750000000294E+1	7.67034312323370E+0	3.00000000000000E+0
Node	1770	1.36750000001443E+1	8.15182071241324E+0	3.00000000000000E+0
Node	1771	1.36750000002592E+1	8.63329830159279E+0	3.00000000000000E+0
Node	1772	1.36750000003742E+1	9.11477589077234E+0	3.00000000000000E+0
Node	1773	1.36750000004891E+1	9.59625347995188E+0	3.00000000000000E+0
Node	1774	1.36750000006041E+1	1.00777310691314E+1	3.00000000000000E+0
Node	1775	1.36750000007190E+1	1.05592086583109E+1	3.00000000000000E+0
Node	1776	1.36750000008339E+1	1.10406862474905E+1	3.00000000000000E+0
Node	1777	1.36750000009489E+1	1.15221638366700E+1	3.00000000000000E+0
Node	1778	1.36749999993397E+1	4.78147758815643E+0	3.50000000000000E+0
Node	1779	1.36749999994547E+1	5.26295517733597E+0	3.50000000000000E+0
Node	1780	1.36749999995696E+1	5.74443276651552E+0	3.50000000000000E+0
Node	1781	1.36749999996846E+1	6.22591035569506E+0	3.50000000000000E+0
Node	1782	1.36749999997995E+1	6.70738794487461E+0	3.50000000000000E+0

Node	1783	1.36749999999144E+1	7.18886553405415E+0	3.50000000000000E+0
Node	1784	1.36750000000294E+1	7.67034312323370E+0	3.50000000000000E+0
Node	1785	1.36750000001443E+1	8.15182071241324E+0	3.50000000000000E+0
Node	1786	1.36750000002592E+1	8.63329830159279E+0	3.50000000000000E+0
Node	1787	1.36750000003742E+1	9.11477589077234E+0	3.50000000000000E+0
Node	1788	1.36750000004891E+1	9.59625347995188E+0	3.50000000000000E+0
Node	1789	1.36750000006041E+1	1.00777310691314E+1	3.50000000000000E+0
Node	1790	1.36750000007190E+1	1.05592086583109E+1	3.50000000000000E+0
Node	1791	1.36750000008339E+1	1.10406862474905E+1	3.50000000000000E+0
Node	1792	1.36750000009489E+1	1.15221638366700E+1	3.50000000000000E+0
Node	1793	1.36749999993397E+1	4.78147758815643E+0	4.00000000000000E+0
Node	1794	1.36749999994547E+1	5.26295517733597E+0	4.00000000000000E+0
Node	1795	1.36749999995696E+1	5.74443276651552E+0	4.00000000000000E+0
Node	1796	1.36749999996846E+1	6.22591035569506E+0	4.00000000000000E+0
Node	1797	1.36749999997995E+1	6.70738794487461E+0	4.00000000000000E+0
Node	1798	1.36749999999144E+1	7.18886553405415E+0	4.00000000000000E+0
Node	1799	1.36750000000294E+1	7.67034312323370E+0	4.00000000000000E+0
Node	1800	1.36750000001443E+1	8.15182071241324E+0	4.00000000000000E+0
Node	1801	1.36750000002592E+1	8.63329830159279E+0	4.00000000000000E+0
Node	1802	1.36750000003742E+1	9.11477589077234E+0	4.00000000000000E+0
Node	1803	1.36750000004891E+1	9.59625347995188E+0	4.00000000000000E+0
Node	1804	1.36750000006041E+1	1.00777310691314E+1	4.00000000000000E+0
Node	1805	1.36750000007190E+1	1.05592086583109E+1	4.00000000000000E+0
Node	1806	1.36750000008339E+1	1.10406862474905E+1	4.00000000000000E+0
Node	1807	1.36750000009489E+1	1.15221638366700E+1	4.00000000000000E+0
Node	1808	1.36749999993397E+1	4.78147758815643E+0	4.50000000000000E+0
Node	1809	1.36749999994547E+1	5.26295517733597E+0	4.50000000000000E+0

Node	1810	1.36749999995696E+1	5.74443276651552E+0	4.50000000000000E+0
Node	1811	1.36749999996846E+1	6.22591035569506E+0	4.50000000000000E+0
Node	1812	1.36749999997995E+1	6.70738794487461E+0	4.50000000000000E+0
Node	1813	1.36749999999144E+1	7.18886553405415E+0	4.50000000000000E+0
Node	1814	1.36750000000294E+1	7.67034312323370E+0	4.50000000000000E+0
Node	1815	1.36750000001443E+1	8.15182071241324E+0	4.50000000000000E+0
Node	1816	1.36750000002592E+1	8.63329830159279E+0	4.50000000000000E+0
Node	1817	1.36750000003742E+1	9.11477589077234E+0	4.50000000000000E+0
Node	1818	1.36750000004891E+1	9.59625347995188E+0	4.50000000000000E+0
Node	1819	1.36750000006041E+1	1.00777310691314E+1	4.50000000000000E+0
Node	1820	1.36750000007190E+1	1.05592086583109E+1	4.50000000000000E+0
Node	1821	1.36750000008339E+1	1.10406862474905E+1	4.50000000000000E+0
Node	1822	1.36750000009489E+1	1.15221638366700E+1	4.50000000000000E+0
Node	1823	1.36749999993397E+1	4.78147758815643E+0	5.00000000000000E+0
Node	1824	1.36749999994547E+1	5.26295517733597E+0	5.00000000000000E+0
Node	1825	1.36749999995696E+1	5.74443276651552E+0	5.00000000000000E+0
Node	1826	1.36749999996846E+1	6.22591035569506E+0	5.00000000000000E+0
Node	1827	1.36749999997995E+1	6.70738794487461E+0	5.00000000000000E+0
Node	1828	1.36749999999144E+1	7.18886553405415E+0	5.00000000000000E+0
Node	1829	1.36750000000294E+1	7.67034312323370E+0	5.00000000000000E+0
Node	1830	1.36750000001443E+1	8.15182071241324E+0	5.00000000000000E+0
Node	1831	1.36750000002592E+1	8.63329830159279E+0	5.00000000000000E+0
Node	1832	1.36750000003742E+1	9.11477589077234E+0	5.00000000000000E+0
Node	1833	1.36750000004891E+1	9.59625347995188E+0	5.00000000000000E+0
Node	1834	1.36750000006041E+1	1.00777310691314E+1	5.00000000000000E+0
Node	1835	1.36750000007190E+1	1.05592086583109E+1	5.00000000000000E+0
Node	1836	1.36750000008339E+1	1.10406862474905E+1	5.00000000000000E+0

Node	1837	1.36750000009489E+1	1.15221638366700E+1	5.00000000000000E+0
Node	1838	1.36749999993397E+1	4.78147758815643E+0	5.50000000000000E+0
Node	1839	1.36749999994547E+1	5.26295517733597E+0	5.50000000000000E+0
Node	1840	1.36749999995696E+1	5.74443276651552E+0	5.50000000000000E+0
Node	1841	1.36749999996846E+1	6.22591035569506E+0	5.50000000000000E+0
Node	1842	1.36749999997995E+1	6.70738794487461E+0	5.50000000000000E+0
Node	1843	1.36749999999144E+1	7.18886553405415E+0	5.50000000000000E+0
Node	1844	1.36750000000294E+1	7.67034312323370E+0	5.50000000000000E+0
Node	1845	1.36750000001443E+1	8.15182071241324E+0	5.50000000000000E+0
Node	1846	1.36750000002592E+1	8.63329830159279E+0	5.50000000000000E+0
Node	1847	1.36750000003742E+1	9.11477589077234E+0	5.50000000000000E+0
Node	1848	1.36750000004891E+1	9.59625347995188E+0	5.50000000000000E+0
Node	1849	1.36750000006041E+1	1.00777310691314E+1	5.50000000000000E+0
Node	1850	1.36750000007190E+1	1.05592086583109E+1	5.50000000000000E+0
Node	1851	1.36750000008339E+1	1.10406862474905E+1	5.50000000000000E+0
Node	1852	1.36750000009489E+1	1.15221638366700E+1	5.50000000000000E+0
Node	1853	1.36749999993397E+1	4.78147758815643E+0	6.00000000000000E+0
Node	1854	1.36749999994547E+1	5.26295517733597E+0	6.00000000000000E+0
Node	1855	1.36749999995696E+1	5.74443276651552E+0	6.00000000000000E+0
Node	1856	1.36749999996846E+1	6.22591035569506E+0	6.00000000000000E+0
Node	1857	1.36749999997995E+1	6.70738794487461E+0	6.00000000000000E+0
Node	1858	1.36749999999144E+1	7.18886553405415E+0	6.00000000000000E+0
Node	1859	1.36750000000294E+1	7.67034312323370E+0	6.00000000000000E+0
Node	1860	1.36750000001443E+1	8.15182071241324E+0	6.00000000000000E+0
Node	1861	1.36750000002592E+1	8.63329830159279E+0	6.00000000000000E+0
Node	1862	1.36750000003742E+1	9.11477589077234E+0	6.00000000000000E+0
Node	1863	1.36750000004891E+1	9.59625347995188E+0	6.00000000000000E+0

Node	1864	1.36750000006041E+1	1.00777310691314E+1	6.00000000000000E+0
Node	1865	1.36750000007190E+1	1.05592086583109E+1	6.00000000000000E+0
Node	1866	1.36750000008339E+1	1.10406862474905E+1	6.00000000000000E+0
Node	1867	1.36750000009489E+1	1.15221638366700E+1	6.00000000000000E+0
Node	1868	1.36749999993397E+1	4.78147758815643E+0	6.50000000000000E+0
Node	1869	1.36749999994547E+1	5.26295517733597E+0	6.50000000000000E+0
Node	1870	1.36749999995696E+1	5.74443276651552E+0	6.50000000000000E+0
Node	1871	1.36749999996846E+1	6.22591035569506E+0	6.50000000000000E+0
Node	1872	1.36749999997995E+1	6.70738794487461E+0	6.50000000000000E+0
Node	1873	1.36749999999144E+1	7.18886553405415E+0	6.50000000000000E+0
Node	1874	1.36750000000294E+1	7.67034312323370E+0	6.50000000000000E+0
Node	1875	1.36750000001443E+1	8.15182071241324E+0	6.50000000000000E+0
Node	1876	1.36750000002592E+1	8.63329830159279E+0	6.50000000000000E+0
Node	1877	1.36750000003742E+1	9.11477589077234E+0	6.50000000000000E+0
Node	1878	1.36750000004891E+1	9.59625347995188E+0	6.50000000000000E+0
Node	1879	1.36750000006041E+1	1.00777310691314E+1	6.50000000000000E+0
Node	1880	1.36750000007190E+1	1.05592086583109E+1	6.50000000000000E+0
Node	1881	1.36750000008339E+1	1.10406862474905E+1	6.50000000000000E+0
Node	1882	1.36750000009489E+1	1.15221638366700E+1	6.50000000000000E+0
Node	1883	1.36749999993397E+1	4.78147758815643E+0	7.00000000000000E+0
Node	1884	1.36749999994547E+1	5.26295517733597E+0	7.00000000000000E+0
Node	1885	1.36749999995696E+1	5.74443276651552E+0	7.00000000000000E+0
Node	1886	1.36749999996846E+1	6.22591035569506E+0	7.00000000000000E+0
Node	1887	1.36749999997995E+1	6.70738794487461E+0	7.00000000000000E+0
Node	1888	1.36749999999144E+1	7.18886553405415E+0	7.00000000000000E+0
Node	1889	1.36750000000294E+1	7.67034312323370E+0	7.00000000000000E+0
Node	1890	1.36750000001443E+1	8.15182071241324E+0	7.00000000000000E+0

Node	1891	1.36750000002592E+1	8.63329830159279E+0	7.00000000000000E+0
Node	1892	1.36750000003742E+1	9.11477589077234E+0	7.00000000000000E+0
Node	1893	1.36750000004891E+1	9.59625347995188E+0	7.00000000000000E+0
Node	1894	1.36750000006041E+1	1.00777310691314E+1	7.00000000000000E+0
Node	1895	1.36750000007190E+1	1.05592086583109E+1	7.00000000000000E+0
Node	1896	1.36750000008339E+1	1.10406862474905E+1	7.00000000000000E+0
Node	1897	1.36750000009489E+1	1.15221638366700E+1	7.00000000000000E+0
Node	1898	1.36749999993397E+1	4.78147758815643E+0	7.50000000000000E+0
Node	1899	1.36749999994547E+1	5.26295517733597E+0	7.50000000000000E+0
Node	1900	1.36749999995696E+1	5.74443276651552E+0	7.50000000000000E+0
Node	1901	1.36749999996846E+1	6.22591035569506E+0	7.50000000000000E+0
Node	1902	1.36749999997995E+1	6.70738794487461E+0	7.50000000000000E+0
Node	1903	1.36749999999144E+1	7.18886553405415E+0	7.50000000000000E+0
Node	1904	1.36750000000294E+1	7.67034312323370E+0	7.50000000000000E+0
Node	1905	1.36750000001443E+1	8.15182071241324E+0	7.50000000000000E+0
Node	1906	1.36750000002592E+1	8.63329830159279E+0	7.50000000000000E+0
Node	1907	1.36750000003742E+1	9.11477589077234E+0	7.50000000000000E+0
Node	1908	1.36750000004891E+1	9.59625347995188E+0	7.50000000000000E+0
Node	1909	1.36750000006041E+1	1.00777310691314E+1	7.50000000000000E+0
Node	1910	1.36750000007190E+1	1.05592086583109E+1	7.50000000000000E+0
Node	1911	1.36750000008339E+1	1.10406862474905E+1	7.50000000000000E+0
Node	1912	1.36750000009489E+1	1.15221638366700E+1	7.50000000000000E+0
Node	1913	1.36749999993397E+1	4.78147758815643E+0	8.00000000000000E+0
Node	1914	1.36749999994547E+1	5.26295517733597E+0	8.00000000000000E+0
Node	1915	1.36749999995696E+1	5.74443276651552E+0	8.00000000000000E+0
Node	1916	1.36749999996846E+1	6.22591035569506E+0	8.00000000000000E+0
Node	1917	1.36749999997995E+1	6.70738794487461E+0	8.00000000000000E+0

Node	1918	1.36749999999144E+1	7.18886553405416E+0	8.00000000000000E+0
Node	1919	1.36750000000294E+1	7.67034312323370E+0	8.00000000000000E+0
Node	1920	1.36750000001443E+1	8.15182071241325E+0	8.00000000000000E+0
Node	1921	1.36750000002592E+1	8.63329830159279E+0	8.00000000000000E+0
Node	1922	1.36750000003742E+1	9.11477589077234E+0	8.00000000000000E+0
Node	1923	1.36750000004891E+1	9.59625347995188E+0	8.00000000000000E+0
Node	1924	1.36750000006041E+1	1.00777310691314E+1	8.00000000000000E+0
Node	1925	1.36750000007190E+1	1.05592086583109E+1	8.00000000000000E+0
Node	1926	1.36750000008339E+1	1.10406862474905E+1	8.00000000000000E+0
Node	1927	1.36750000009489E+1	1.15221638366700E+1	8.00000000000000E+0
Node	1928	1.36749999993397E+1	4.78147758815643E+0	8.50000000000000E+0
Node	1929	1.36749999994547E+1	5.26295517733597E+0	8.50000000000000E+0
Node	1930	1.36749999995696E+1	5.74443276651552E+0	8.50000000000000E+0
Node	1931	1.36749999996846E+1	6.22591035569506E+0	8.50000000000000E+0
Node	1932	1.36749999997995E+1	6.70738794487461E+0	8.50000000000000E+0
Node	1933	1.36749999999144E+1	7.18886553405416E+0	8.50000000000000E+0
Node	1934	1.36750000000294E+1	7.67034312323370E+0	8.50000000000000E+0
Node	1935	1.36750000001443E+1	8.15182071241325E+0	8.50000000000000E+0
Node	1936	1.36750000002592E+1	8.63329830159279E+0	8.50000000000000E+0
Node	1937	1.36750000003742E+1	9.11477589077234E+0	8.50000000000000E+0
Node	1938	1.36750000004891E+1	9.59625347995188E+0	8.50000000000000E+0
Node	1939	1.36750000006041E+1	1.00777310691314E+1	8.50000000000000E+0
Node	1940	1.36750000007190E+1	1.05592086583109E+1	8.50000000000000E+0
Node	1941	1.36750000008339E+1	1.10406862474905E+1	8.50000000000000E+0
Node	1942	1.36750000009489E+1	1.15221638366700E+1	8.50000000000000E+0
Node	1943	1.36749999993397E+1	4.78147758815643E+0	9.00000000000000E+0
Node	1944	1.36749999994547E+1	5.26295517733597E+0	9.00000000000000E+0

Node	1945	1.36749999995696E+1	5.74443276651552E+0	9.00000000000000E+0
Node	1946	1.36749999996846E+1	6.22591035569506E+0	9.00000000000000E+0
Node	1947	1.36749999997995E+1	6.70738794487461E+0	9.00000000000000E+0
Node	1948	1.36749999999144E+1	7.18886553405416E+0	9.00000000000000E+0
Node	1949	1.36750000000294E+1	7.67034312323370E+0	9.00000000000000E+0
Node	1950	1.36750000001443E+1	8.15182071241325E+0	9.00000000000000E+0
Node	1951	1.36750000002592E+1	8.63329830159279E+0	9.00000000000000E+0
Node	1952	1.36750000003742E+1	9.11477589077234E+0	9.00000000000000E+0
Node	1953	1.36750000004891E+1	9.59625347995188E+0	9.00000000000000E+0
Node	1954	1.36750000006041E+1	1.00777310691314E+1	9.00000000000000E+0
Node	1955	1.36750000007190E+1	1.05592086583109E+1	9.00000000000000E+0
Node	1956	1.36750000008339E+1	1.10406862474905E+1	9.00000000000000E+0
Node	1957	1.36750000009489E+1	1.15221638366700E+1	9.00000000000000E+0
Node	1958	2.82499999980206E+0	4.30000000000000E+0	9.00000000000000E+0
Node	1959	2.82499999978593E+0	4.30000000000000E+0	8.50000000000000E+0
Node	1960	2.82499999976979E+0	4.30000000000000E+0	8.00000000000000E+0
Node	1961	2.82499999975366E+0	4.30000000000000E+0	7.50000000000000E+0
Node	1962	2.82499999973753E+0	4.30000000000000E+0	7.00000000000000E+0
Node	1963	2.82499999972140E+0	4.30000000000000E+0	6.50000000000000E+0
Node	1964	2.82499999970527E+0	4.30000000000000E+0	6.00000000000000E+0
Node	1965	2.82499999968914E+0	4.30000000000000E+0	5.50000000000000E+0
Node	1966	2.82499999967300E+0	4.30000000000000E+0	5.00000000000000E+0
Node	1967	2.82499999965687E+0	4.30000000000000E+0	4.50000000000000E+0
Node	1968	2.82499999964074E+0	4.30000000000000E+0	4.00000000000000E+0
Node	1969	2.82499999962461E+0	4.30000000000000E+0	3.50000000000000E+0
Node	1970	2.82499999960848E+0	4.30000000000000E+0	3.00000000000000E+0
Node	1971	2.82499999959235E+0	4.30000000000000E+0	2.50000000000000E+0

Node	1972	2.82499999957622E+0	4.30000000000000E+0	2.00000000000000E+0
Node	1973	2.82499999956008E+0	4.30000000000000E+0	1.50000000000000E+0
Node	1974	2.82499999954395E+0	4.30000000000000E+0	1.00000000000000E+0
Node	1975	2.82499999952782E+0	4.30000000000000E+0	5.00000000000000E-1
Node	1976	3.31818181623846E+0	4.2999999995350E+0	4.999999999976E-1
Node	1977	3.8113636377294E+0	4.2999999990699E+0	4.999999999975E-1
Node	1978	4.30454545170651E+0	4.2999999986049E+0	5.00000000000038E-1
Node	1979	4.79772726981666E+0	4.2999999981398E+0	5.00000000000149E-1
Node	1980	5.29090908801948E+0	4.2999999976748E+0	5.00000000000214E-1
Node	1981	5.78409090627351E+0	4.2999999972097E+0	5.00000000000195E-1
Node	1982	6.27727272455591E+0	4.2999999967447E+0	5.00000000000164E-1
Node	1983	6.77045454285362E+0	4.2999999962796E+0	5.00000000000141E-1
Node	1984	7.26363636115930E+0	4.2999999958145E+0	5.00000000000129E-1
Node	1985	7.75681817946897E+0	4.2999999953495E+0	5.00000000000123E-1
Node	1986	8.24999999778058E+0	4.2999999948844E+0	5.00000000000121E-1
Node	1987	8.74318181609308E+0	4.2999999944194E+0	5.00000000000119E-1
Node	1988	9.23636363440600E+0	4.2999999939543E+0	5.00000000000119E-1
Node	1989	9.72954545271910E+0	4.2999999934893E+0	5.00000000000119E-1
Node	1990	1.02227272710322E+1	4.2999999930242E+0	5.00000000000118E-1
Node	1991	1.07159090893454E+1	4.2999999925592E+0	5.00000000000116E-1
Node	1992	1.12090909076587E+1	4.2999999920941E+0	5.00000000000113E-1
Node	1993	1.17022727259719E+1	4.2999999916290E+0	5.00000000000106E-1
Node	1994	1.21954545442851E+1	4.2999999911640E+0	5.00000000000094E-1
Node	1995	1.26886363625983E+1	4.2999999906989E+0	5.00000000000074E-1
Node	1996	1.31818181809116E+1	4.2999999902339E+0	5.00000000000043E-1
Node	1997	3.31818181690050E+0	4.2999999995350E+0	9.999999999927E-1
Node	1998	3.81136363437347E+0	4.2999999990699E+0	9.999999999909E-1

Node	1999	4.30454545215113E+0	4.29999999986049E+0	1.00000000000004E+0
Node	2000	4.79772727013680E+0	4.29999999981398E+0	1.00000000000025E+0
Node	2001	5.29090908825750E+0	4.29999999976748E+0	1.00000000000030E+0
Node	2002	5.78409090646037E+0	4.29999999972097E+0	1.00000000000029E+0
Node	2003	6.27727272471095E+0	4.29999999967447E+0	1.00000000000026E+0
Node	2004	6.77045454298795E+0	4.29999999962796E+0	1.00000000000024E+0
Node	2005	7.26363636127891E+0	4.29999999958145E+0	1.00000000000023E+0
Node	2006	7.75681817957694E+0	4.29999999953495E+0	1.00000000000023E+0
Node	2007	8.24999999787842E+0	4.29999999948844E+0	1.00000000000023E+0
Node	2008	8.74318181618153E+0	4.29999999944194E+0	1.00000000000023E+0
Node	2009	9.23636363448539E+0	4.29999999939543E+0	1.00000000000023E+0
Node	2010	9.72954545278957E+0	4.29999999934893E+0	1.00000000000023E+0
Node	2011	1.02227272710939E+1	4.29999999930242E+0	1.00000000000022E+0
Node	2012	1.07159090893982E+1	4.29999999925592E+0	1.00000000000022E+0
Node	2013	1.12090909077027E+1	4.29999999920941E+0	1.00000000000022E+0
Node	2014	1.17022727260071E+1	4.29999999916290E+0	1.00000000000020E+0
Node	2015	1.21954545443115E+1	4.29999999911640E+0	1.00000000000018E+0
Node	2016	1.26886363626159E+1	4.29999999906989E+0	1.00000000000014E+0
Node	2017	1.31818181809204E+1	4.29999999902339E+0	1.00000000000008E+0
Node	2018	3.31818181718284E+0	4.2999999995350E+0	1.4999999999984E+0
Node	2019	3.81136363471309E+0	4.2999999990699E+0	1.4999999999977E+0
Node	2020	4.30454545245444E+0	4.29999999986049E+0	1.4999999999993E+0
Node	2021	4.79772727038715E+0	4.29999999981398E+0	1.50000000000008E+0
Node	2022	5.29090908846277E+0	4.29999999976748E+0	1.50000000000017E+0
Node	2023	5.78409090663251E+0	4.29999999972097E+0	1.50000000000021E+0
Node	2024	6.27727272485967E+0	4.29999999967447E+0	1.50000000000024E+0
Node	2025	6.77045454311968E+0	4.29999999962796E+0	1.50000000000026E+0

Node	2026	7.26363636139750E+0	4.29999999958145E+0	1.50000000000028E+0
Node	2027	7.75681817968453E+0	4.29999999953495E+0	1.50000000000029E+0
Node	2028	8.24999999797614E+0	4.29999999948844E+0	1.50000000000030E+0
Node	2029	8.74318181626994E+0	4.29999999944194E+0	1.50000000000030E+0
Node	2030	9.23636363456476E+0	4.29999999939543E+0	1.50000000000030E+0
Node	2031	9.72954545286004E+0	4.29999999934893E+0	1.50000000000030E+0
Node	2032	1.02227272711555E+1	4.29999999930242E+0	1.50000000000030E+0
Node	2033	1.07159090894511E+1	4.29999999925592E+0	1.50000000000030E+0
Node	2034	1.12090909077467E+1	4.29999999920941E+0	1.50000000000029E+0
Node	2035	1.17022727260423E+1	4.29999999916290E+0	1.50000000000028E+0
Node	2036	1.21954545443379E+1	4.29999999911640E+0	1.50000000000025E+0
Node	2037	1.26886363626335E+1	4.29999999906989E+0	1.50000000000019E+0
Node	2038	1.31818181809292E+1	4.29999999902339E+0	1.50000000000011E+0
Node	2039	3.31818181732235E+0	4.2999999995350E+0	1.9999999999974E+0
Node	2040	3.81136363491557E+0	4.2999999990699E+0	1.9999999999959E+0
Node	2041	4.30454545266651E+0	4.29999999986049E+0	1.9999999999963E+0
Node	2042	4.79772727058534E+0	4.29999999981398E+0	1.9999999999977E+0
Node	2043	5.29090908864080E+0	4.29999999976748E+0	1.9999999999992E+0
Node	2044	5.78409090679134E+0	4.29999999972097E+0	2.00000000000004E+0
Node	2045	6.27727272500222E+0	4.29999999967447E+0	2.00000000000015E+0
Node	2046	6.77045454324869E+0	4.29999999962796E+0	2.00000000000023E+0
Node	2047	7.26363636151495E+0	4.29999999958145E+0	2.00000000000028E+0
Node	2048	7.75681817979167E+0	4.29999999953495E+0	2.00000000000031E+0
Node	2049	8.24999999807368E+0	4.29999999948844E+0	2.00000000000033E+0
Node	2050	8.74318181635829E+0	4.29999999944194E+0	2.00000000000034E+0
Node	2051	9.23636363464412E+0	4.29999999939543E+0	2.00000000000035E+0
Node	2052	9.72954545293051E+0	4.29999999934893E+0	2.00000000000035E+0

Node	2053	1.02227272712171E+1	4.29999999930242E+0	2.00000000000035E+0
Node	2054	1.07159090895039E+1	4.29999999925592E+0	2.00000000000035E+0
Node	2055	1.12090909077907E+1	4.29999999920941E+0	2.00000000000034E+0
Node	2056	1.17022727260775E+1	4.29999999916290E+0	2.00000000000032E+0
Node	2057	1.21954545443643E+1	4.29999999911640E+0	2.00000000000028E+0
Node	2058	1.26886363626511E+1	4.29999999906989E+0	2.00000000000023E+0
Node	2059	1.31818181809380E+1	4.29999999902339E+0	2.00000000000013E+0
Node	2060	3.31818181740451E+0	4.2999999995350E+0	2.499999999966E+0
Node	2061	3.81136363505080E+0	4.2999999990699E+0	2.499999999942E+0
Node	2062	4.30454545282564E+0	4.29999999986049E+0	2.499999999938E+0
Node	2063	4.79772727074887E+0	4.29999999981398E+0	2.499999999950E+0
Node	2064	5.29090908879854E+0	4.29999999976748E+0	2.499999999969E+0
Node	2065	5.78409090693920E+0	4.29999999972097E+0	2.499999999988E+0
Node	2066	6.27727272513920E+0	4.29999999967447E+0	2.50000000000005E+0
Node	2067	6.77045454337502E+0	4.29999999962796E+0	2.50000000000017E+0
Node	2068	7.26363636163116E+0	4.29999999958145E+0	2.50000000000026E+0
Node	2069	7.75681817989826E+0	4.29999999953495E+0	2.50000000000031E+0
Node	2070	8.24999999817100E+0	4.29999999948844E+0	2.50000000000034E+0
Node	2071	8.74318181644654E+0	4.29999999944194E+0	2.50000000000036E+0
Node	2072	9.23636363472344E+0	4.29999999939543E+0	2.50000000000037E+0
Node	2073	9.72954545300096E+0	4.29999999934893E+0	2.50000000000037E+0
Node	2074	1.02227272712787E+1	4.29999999930242E+0	2.50000000000037E+0
Node	2075	1.07159090895567E+1	4.29999999925592E+0	2.50000000000037E+0
Node	2076	1.12090909078347E+1	4.29999999920941E+0	2.50000000000036E+0
Node	2077	1.17022727261127E+1	4.29999999916290E+0	2.50000000000034E+0
Node	2078	1.21954545443907E+1	4.29999999911640E+0	2.50000000000031E+0
Node	2079	1.26886363626687E+1	4.29999999906989E+0	2.50000000000024E+0

Node	2080	1.31818181809468E+1	4.29999999902339E+0	2.50000000000014E+0
Node	2081	3.31818181746220E+0	4.29999999995350E+0	2.9999999999961E+0
Node	2082	3.81136363515337E+0	4.29999999990699E+0	2.9999999999932E+0
Node	2083	4.30454545295579E+0	4.29999999986049E+0	2.9999999999923E+0
Node	2084	4.79772727089132E+0	4.29999999981398E+0	2.9999999999933E+0
Node	2085	5.29090908894274E+0	4.29999999976748E+0	2.9999999999953E+0
Node	2086	5.78409090707911E+0	4.29999999972097E+0	2.9999999999976E+0
Node	2087	6.27727272527182E+0	4.29999999967447E+0	2.9999999999997E+0
Node	2088	6.77045454349908E+0	4.29999999962796E+0	3.00000000000013E+0
Node	2089	7.26363636174626E+0	4.29999999958145E+0	3.00000000000023E+0
Node	2090	7.75681818000431E+0	4.29999999953495E+0	3.00000000000030E+0
Node	2091	8.24999999826807E+0	4.29999999948844E+0	3.00000000000034E+0
Node	2092	8.74318181653469E+0	4.29999999944194E+0	3.00000000000037E+0
Node	2093	9.23636363480271E+0	4.29999999939543E+0	3.00000000000038E+0
Node	2094	9.72954545307140E+0	4.29999999934893E+0	3.00000000000038E+0
Node	2095	1.02227272713403E+1	4.29999999930242E+0	3.00000000000039E+0
Node	2096	1.07159090896095E+1	4.29999999925592E+0	3.00000000000038E+0
Node	2097	1.12090909078787E+1	4.29999999920941E+0	3.00000000000037E+0
Node	2098	1.17022727261479E+1	4.29999999916290E+0	3.00000000000035E+0
Node	2099	1.21954545444171E+1	4.29999999911640E+0	3.00000000000032E+0
Node	2100	1.26886363626863E+1	4.29999999906989E+0	3.00000000000025E+0
Node	2101	1.31818181809556E+1	4.29999999902339E+0	3.00000000000014E+0
Node	2102	3.31818181750913E+0	4.29999999995350E+0	3.4999999999960E+0
Node	2103	3.81136363524037E+0	4.29999999990699E+0	3.4999999999928E+0
Node	2104	4.30454545307091E+0	4.29999999986049E+0	3.4999999999916E+0
Node	2105	4.79772727102188E+0	4.29999999981398E+0	3.4999999999924E+0
Node	2106	5.29090908907869E+0	4.29999999976748E+0	3.4999999999945E+0

Node	2107	5.78409090721382E+0	4.29999999972097E+0	3.4999999999970E+0
Node	2108	6.27727272540140E+0	4.29999999967447E+0	3.4999999999992E+0
Node	2109	6.77045454362148E+0	4.29999999962796E+0	3.50000000000009E+0
Node	2110	7.26363636186048E+0	4.29999999958145E+0	3.50000000000022E+0
Node	2111	7.75681818010993E+0	4.29999999953495E+0	3.50000000000030E+0
Node	2112	8.24999999836493E+0	4.29999999948844E+0	3.50000000000034E+0
Node	2113	8.74318181662274E+0	4.29999999944194E+0	3.50000000000037E+0
Node	2114	9.23636363488194E+0	4.29999999939543E+0	3.50000000000038E+0
Node	2115	9.72954545314181E+0	4.29999999934893E+0	3.50000000000039E+0
Node	2116	1.02227272714019E+1	4.29999999930242E+0	3.50000000000039E+0
Node	2117	1.07159090896623E+1	4.29999999925592E+0	3.50000000000039E+0
Node	2118	1.12090909079227E+1	4.29999999920941E+0	3.50000000000038E+0
Node	2119	1.17022727261831E+1	4.29999999916290E+0	3.50000000000036E+0
Node	2120	1.21954545444435E+1	4.29999999911640E+0	3.50000000000032E+0
Node	2121	1.26886363627039E+1	4.29999999906989E+0	3.50000000000025E+0
Node	2122	1.31818181809644E+1	4.29999999902339E+0	3.50000000000015E+0
Node	2123	3.31818181755126E+0	4.29999999995350E+0	3.9999999999960E+0
Node	2124	3.81136363532007E+0	4.29999999990699E+0	3.9999999999928E+0
Node	2125	4.30454545317850E+0	4.29999999986049E+0	3.9999999999914E+0
Node	2126	4.79772727114610E+0	4.29999999981398E+0	3.9999999999922E+0
Node	2127	5.29090908920996E+0	4.29999999976748E+0	3.9999999999942E+0
Node	2128	5.78409090734539E+0	4.29999999972097E+0	3.9999999999967E+0
Node	2129	6.27727272552903E+0	4.29999999967447E+0	3.9999999999990E+0
Node	2130	6.77045454374274E+0	4.29999999962796E+0	4.00000000000008E+0
Node	2131	7.26363636197408E+0	4.29999999958145E+0	4.00000000000021E+0
Node	2132	7.75681818021523E+0	4.29999999953495E+0	4.00000000000029E+0
Node	2133	8.24999999846162E+0	4.29999999948844E+0	4.00000000000034E+0

Node	2134	8.74318181671071E+0	4.29999999944194E+0	4.00000000000037E+0
Node	2135	9.23636363496113E+0	4.29999999939543E+0	4.00000000000038E+0
Node	2136	9.72954545321221E+0	4.29999999934893E+0	4.00000000000039E+0
Node	2137	1.02227272714635E+1	4.29999999930242E+0	4.00000000000039E+0
Node	2138	1.07159090897151E+1	4.29999999925592E+0	4.00000000000039E+0
Node	2139	1.12090909079667E+1	4.29999999920941E+0	4.00000000000038E+0
Node	2140	1.17022727262183E+1	4.29999999916290E+0	4.00000000000036E+0
Node	2141	1.21954545444699E+1	4.29999999911640E+0	4.00000000000032E+0
Node	2142	1.26886363627215E+1	4.29999999906989E+0	4.00000000000025E+0
Node	2143	1.31818181809732E+1	4.29999999902339E+0	4.00000000000015E+0
Node	2144	3.31818181759125E+0	4.2999999995350E+0	4.4999999999961E+0
Node	2145	3.81136363539642E+0	4.2999999990699E+0	4.4999999999929E+0
Node	2146	4.30454545328246E+0	4.29999999986049E+0	4.4999999999915E+0
Node	2147	4.79772727126708E+0	4.29999999981398E+0	4.4999999999922E+0
Node	2148	5.29090908933870E+0	4.29999999976748E+0	4.4999999999942E+0
Node	2149	5.78409090747519E+0	4.29999999972097E+0	4.4999999999967E+0
Node	2150	6.27727272565551E+0	4.29999999967447E+0	4.4999999999990E+0
Node	2151	6.77045454386330E+0	4.29999999962796E+0	4.50000000000008E+0
Node	2152	7.26363636208727E+0	4.29999999958145E+0	4.50000000000021E+0
Node	2153	7.75681818032030E+0	4.29999999953495E+0	4.50000000000029E+0
Node	2154	8.24999999855820E+0	4.29999999948844E+0	4.50000000000034E+0
Node	2155	8.74318181679861E+0	4.29999999944194E+0	4.50000000000037E+0
Node	2156	9.23636363504030E+0	4.29999999939543E+0	4.50000000000038E+0
Node	2157	9.72954545328259E+0	4.29999999934893E+0	4.50000000000039E+0
Node	2158	1.02227272715251E+1	4.29999999930242E+0	4.50000000000040E+0
Node	2159	1.07159090897679E+1	4.29999999925592E+0	4.50000000000039E+0
Node	2160	1.12090909080107E+1	4.29999999920941E+0	4.50000000000038E+0

Node	2161	1.17022727262535E+1	4.29999999916290E+0	4.50000000000036E+0
Node	2162	1.21954545444963E+1	4.29999999911640E+0	4.50000000000033E+0
Node	2163	1.26886363627391E+1	4.29999999906989E+0	4.50000000000026E+0
Node	2164	1.31818181809820E+1	4.29999999902339E+0	4.50000000000015E+0
Node	2165	3.31818181763031E+0	4.2999999995350E+0	4.9999999999962E+0
Node	2166	3.81136363547124E+0	4.2999999990699E+0	4.9999999999930E+0
Node	2167	4.30454545338471E+0	4.29999999986049E+0	4.9999999999917E+0
Node	2168	4.79772727138646E+0	4.29999999981398E+0	4.9999999999925E+0
Node	2169	5.29090908946614E+0	4.29999999976748E+0	4.9999999999945E+0
Node	2170	5.78409090760401E+0	4.29999999972097E+0	4.9999999999969E+0
Node	2171	6.27727272578133E+0	4.29999999967447E+0	4.9999999999991E+0
Node	2172	6.77045454398344E+0	4.29999999962796E+0	5.00000000000008E+0
Node	2173	7.26363636220020E+0	4.29999999958145E+0	5.00000000000021E+0
Node	2174	7.75681818042522E+0	4.29999999953495E+0	5.00000000000029E+0
Node	2175	8.24999999865469E+0	4.29999999948844E+0	5.00000000000034E+0
Node	2176	8.74318181688648E+0	4.29999999944194E+0	5.00000000000037E+0
Node	2177	9.23636363511944E+0	4.29999999939543E+0	5.00000000000038E+0
Node	2178	9.72954545335296E+0	4.29999999934893E+0	5.00000000000039E+0
Node	2179	1.02227272715867E+1	4.29999999930242E+0	5.00000000000040E+0
Node	2180	1.07159090898207E+1	4.29999999925592E+0	5.00000000000039E+0
Node	2181	1.12090909080546E+1	4.29999999920941E+0	5.00000000000038E+0
Node	2182	1.17022727262887E+1	4.29999999916290E+0	5.00000000000036E+0
Node	2183	1.21954545445227E+1	4.29999999911640E+0	5.00000000000033E+0
Node	2184	1.26886363627567E+1	4.29999999906989E+0	5.00000000000026E+0
Node	2185	1.31818181809908E+1	4.29999999902339E+0	5.00000000000015E+0
Node	2186	3.31818181766894E+0	4.2999999995350E+0	5.4999999999963E+0
Node	2187	3.81136363554538E+0	4.2999999990699E+0	5.4999999999932E+0

Node	2188	4.30454545348616E+0	4.29999999986049E+0	5.4999999999920E+0
Node	2189	4.79772727150506E+0	4.29999999981398E+0	5.4999999999928E+0
Node	2190	5.29090908959291E+0	4.29999999976748E+0	5.4999999999948E+0
Node	2191	5.78409090773233E+0	4.29999999972097E+0	5.4999999999971E+0
Node	2192	6.27727272590679E+0	4.29999999967447E+0	5.4999999999993E+0
Node	2193	6.77045454410333E+0	4.29999999962796E+0	5.50000000000010E+0
Node	2194	7.26363636231299E+0	4.29999999958145E+0	5.50000000000021E+0
Node	2195	7.75681818053006E+0	4.29999999953495E+0	5.50000000000029E+0
Node	2196	8.24999999875114E+0	4.29999999948844E+0	5.50000000000034E+0
Node	2197	8.74318181697432E+0	4.29999999944194E+0	5.50000000000037E+0
Node	2198	9.23636363519856E+0	4.29999999939543E+0	5.50000000000038E+0
Node	2199	9.72954545342333E+0	4.29999999934893E+0	5.50000000000039E+0
Node	2200	1.02227272716483E+1	4.29999999930242E+0	5.50000000000040E+0
Node	2201	1.07159090898734E+1	4.29999999925592E+0	5.50000000000039E+0
Node	2202	1.12090909080986E+1	4.29999999920941E+0	5.50000000000038E+0
Node	2203	1.17022727263239E+1	4.29999999916290E+0	5.50000000000036E+0
Node	2204	1.21954545445491E+1	4.29999999911640E+0	5.50000000000033E+0
Node	2205	1.26886363627743E+1	4.29999999906989E+0	5.50000000000026E+0
Node	2206	1.31818181809996E+1	4.29999999902339E+0	5.50000000000015E+0
Node	2207	3.31818181770738E+0	4.2999999995350E+0	5.9999999999964E+0
Node	2208	3.81136363561918E+0	4.2999999990699E+0	5.9999999999935E+0
Node	2209	4.30454545358720E+0	4.29999999986049E+0	5.9999999999924E+0
Node	2210	4.79772727162326E+0	4.29999999981398E+0	5.9999999999932E+0
Node	2211	5.29090908971933E+0	4.29999999976748E+0	5.9999999999952E+0
Node	2212	5.78409090786037E+0	4.29999999972097E+0	5.9999999999974E+0
Node	2213	6.27727272603205E+0	4.29999999967447E+0	5.9999999999995E+0
Node	2214	6.77045454422310E+0	4.29999999962796E+0	6.00000000000011E+0

Node	2215	7.26363636242569E+0	4.29999999958145E+0	6.00000000000022E+0
Node	2216	7.75681818063484E+0	4.29999999953495E+0	6.00000000000030E+0
Node	2217	8.24999999884755E+0	4.29999999948844E+0	6.00000000000034E+0
Node	2218	8.74318181706214E+0	4.29999999944194E+0	6.00000000000037E+0
Node	2219	9.23636363527767E+0	4.29999999939543E+0	6.00000000000038E+0
Node	2220	9.72954545349369E+0	4.29999999934893E+0	6.00000000000039E+0
Node	2221	1.02227272717099E+1	4.29999999930242E+0	6.00000000000040E+0
Node	2222	1.07159090899262E+1	4.29999999925592E+0	6.00000000000039E+0
Node	2223	1.12090909081426E+1	4.29999999920941E+0	6.00000000000038E+0
Node	2224	1.17022727263591E+1	4.29999999916290E+0	6.00000000000036E+0
Node	2225	1.21954545445755E+1	4.29999999911640E+0	6.00000000000032E+0
Node	2226	1.26886363627919E+1	4.29999999906989E+0	6.00000000000026E+0
Node	2227	1.31818181810084E+1	4.29999999902339E+0	6.00000000000015E+0
Node	2228	3.31818181774569E+0	4.2999999995350E+0	6.4999999999965E+0
Node	2229	3.81136363569277E+0	4.2999999990699E+0	6.4999999999937E+0
Node	2230	4.30454545368800E+0	4.29999999986049E+0	6.4999999999927E+0
Node	2231	4.79772727174121E+0	4.29999999981398E+0	6.4999999999936E+0
Node	2232	5.29090908984553E+0	4.29999999976748E+0	6.4999999999956E+0
Node	2233	5.78409090798823E+0	4.29999999972097E+0	6.4999999999978E+0
Node	2234	6.27727272615717E+0	4.29999999967447E+0	6.4999999999997E+0
Node	2235	6.77045454434277E+0	4.29999999962796E+0	6.50000000000012E+0
Node	2236	7.26363636253834E+0	4.29999999958145E+0	6.50000000000023E+0
Node	2237	7.75681818073959E+0	4.29999999953495E+0	6.50000000000030E+0
Node	2238	8.24999999894395E+0	4.29999999948844E+0	6.50000000000034E+0
Node	2239	8.74318181714995E+0	4.29999999944194E+0	6.50000000000037E+0
Node	2240	9.23636363535679E+0	4.29999999939543E+0	6.50000000000038E+0
Node	2241	9.72954545356405E+0	4.29999999934893E+0	6.50000000000039E+0

Node	2242	1.02227272717715E+1	4.29999999930242E+0	6.50000000000039E+0
Node	2243	1.07159090899790E+1	4.29999999925592E+0	6.50000000000039E+0
Node	2244	1.12090909081866E+1	4.29999999920941E+0	6.50000000000038E+0
Node	2245	1.17022727263942E+1	4.29999999916290E+0	6.50000000000036E+0
Node	2246	1.21954545446019E+1	4.29999999911640E+0	6.50000000000032E+0
Node	2247	1.26886363628095E+1	4.29999999906989E+0	6.50000000000025E+0
Node	2248	1.31818181810172E+1	4.29999999902339E+0	6.50000000000015E+0
Node	2249	3.31818181778389E+0	4.2999999995350E+0	6.999999999967E+0
Node	2250	3.81136363576614E+0	4.2999999990699E+0	6.999999999940E+0
Node	2251	4.30454545378850E+0	4.29999999986049E+0	6.999999999932E+0
Node	2252	4.79772727185887E+0	4.29999999981398E+0	6.999999999941E+0
Node	2253	5.29090908997148E+0	4.29999999976748E+0	6.999999999960E+0
Node	2254	5.78409090811590E+0	4.29999999972097E+0	6.999999999981E+0
Node	2255	6.27727272628216E+0	4.29999999967447E+0	6.999999999999E+0
Node	2256	6.77045454446235E+0	4.29999999962796E+0	7.00000000000014E+0
Node	2257	7.26363636265092E+0	4.29999999958145E+0	7.00000000000023E+0
Node	2258	7.75681818084430E+0	4.29999999953495E+0	7.00000000000030E+0
Node	2259	8.24999999904032E+0	4.29999999948844E+0	7.00000000000034E+0
Node	2260	8.74318181723774E+0	4.29999999944194E+0	7.00000000000036E+0
Node	2261	9.23636363543589E+0	4.29999999939543E+0	7.00000000000037E+0
Node	2262	9.72954545363440E+0	4.29999999934893E+0	7.00000000000038E+0
Node	2263	1.02227272718330E+1	4.29999999930242E+0	7.00000000000038E+0
Node	2264	1.07159090900318E+1	4.29999999925592E+0	7.00000000000038E+0
Node	2265	1.12090909082306E+1	4.29999999920941E+0	7.00000000000037E+0
Node	2266	1.17022727264294E+1	4.29999999916290E+0	7.00000000000035E+0
Node	2267	1.21954545446283E+1	4.29999999911640E+0	7.00000000000032E+0
Node	2268	1.26886363628271E+1	4.29999999906989E+0	7.00000000000025E+0

Node	2269	1.31818181810260E+1	4.29999999902339E+0	7.00000000000014E+0
Node	2270	3.31818181782191E+0	4.2999999995350E+0	7.499999999969E+0
Node	2271	3.81136363583918E+0	4.2999999990699E+0	7.499999999945E+0
Node	2272	4.30454545388859E+0	4.29999999986049E+0	7.499999999937E+0
Node	2273	4.79772727197609E+0	4.29999999981398E+0	7.499999999946E+0
Node	2274	5.29090909009704E+0	4.29999999976748E+0	7.499999999965E+0
Node	2275	5.78409090824327E+0	4.29999999972097E+0	7.4999999999984E+0
Node	2276	6.27727272640693E+0	4.29999999967447E+0	7.5000000000001E+0
Node	2277	6.77045454458179E+0	4.29999999962796E+0	7.50000000000014E+0
Node	2278	7.26363636276342E+0	4.29999999958145E+0	7.50000000000023E+0
Node	2279	7.75681818094896E+0	4.29999999953495E+0	7.50000000000029E+0
Node	2280	8.24999999913667E+0	4.29999999948844E+0	7.50000000000032E+0
Node	2281	8.74318181732553E+0	4.29999999944194E+0	7.50000000000034E+0
Node	2282	9.23636363551498E+0	4.29999999939543E+0	7.50000000000035E+0
Node	2283	9.72954545370475E+0	4.29999999934893E+0	7.50000000000036E+0
Node	2284	1.02227272718946E+1	4.29999999930242E+0	7.50000000000036E+0
Node	2285	1.07159090900846E+1	4.29999999925592E+0	7.50000000000036E+0
Node	2286	1.12090909082746E+1	4.29999999920941E+0	7.50000000000035E+0
Node	2287	1.17022727264646E+1	4.29999999916290E+0	7.50000000000034E+0
Node	2288	1.21954545446547E+1	4.29999999911640E+0	7.50000000000030E+0
Node	2289	1.26886363628447E+1	4.29999999906989E+0	7.50000000000024E+0
Node	2290	1.31818181810348E+1	4.29999999902339E+0	7.50000000000014E+0
Node	2291	3.31818181785972E+0	4.2999999995350E+0	7.999999999973E+0
Node	2292	3.81136363591175E+0	4.2999999990699E+0	7.999999999951E+0
Node	2293	4.30454545398802E+0	4.29999999986049E+0	7.999999999945E+0
Node	2294	4.79772727209261E+0	4.29999999981398E+0	7.999999999954E+0
Node	2295	5.29090909022199E+0	4.29999999976748E+0	7.999999999970E+0

Node	2296	5.78409090837016E+0	4.29999999972097E+0	7.99999999999988E+0
Node	2297	6.27727272653138E+0	4.29999999967447E+0	8.00000000000002E+0
Node	2298	6.77045454470102E+0	4.29999999962796E+0	8.00000000000013E+0
Node	2299	7.26363636287579E+0	4.29999999958145E+0	8.00000000000021E+0
Node	2300	7.75681818105355E+0	4.29999999953495E+0	8.00000000000026E+0
Node	2301	8.24999999923297E+0	4.29999999948844E+0	8.00000000000029E+0
Node	2302	8.74318181741329E+0	4.29999999944194E+0	8.00000000000031E+0
Node	2303	9.23636363559407E+0	4.29999999939543E+0	8.00000000000031E+0
Node	2304	9.72954545377509E+0	4.29999999934893E+0	8.00000000000032E+0
Node	2305	1.02227272719562E+1	4.29999999930242E+0	8.00000000000032E+0
Node	2306	1.07159090901374E+1	4.29999999925592E+0	8.00000000000032E+0
Node	2307	1.12090909083186E+1	4.29999999920941E+0	8.00000000000031E+0
Node	2308	1.17022727264998E+1	4.29999999916290E+0	8.00000000000030E+0
Node	2309	1.21954545446811E+1	4.29999999911640E+0	8.00000000000027E+0
Node	2310	1.26886363628623E+1	4.29999999906989E+0	8.00000000000022E+0
Node	2311	1.31818181810436E+1	4.29999999902339E+0	8.00000000000013E+0
Node	2312	3.31818181789730E+0	4.29999999995350E+0	8.4999999999979E+0
Node	2313	3.81136363598377E+0	4.29999999990699E+0	8.4999999999961E+0
Node	2314	4.30454545408660E+0	4.29999999986049E+0	8.4999999999957E+0
Node	2315	4.79772727220818E+0	4.29999999981398E+0	8.4999999999964E+0
Node	2316	5.29090909034608E+0	4.29999999976748E+0	8.4999999999978E+0
Node	2317	5.78409090849639E+0	4.29999999972097E+0	8.4999999999991E+0
Node	2318	6.27727272665536E+0	4.29999999967447E+0	8.50000000000003E+0
Node	2319	6.77045454481994E+0	4.29999999962796E+0	8.50000000000011E+0
Node	2320	7.26363636298798E+0	4.29999999958145E+0	8.50000000000017E+0
Node	2321	7.75681818115803E+0	4.29999999953495E+0	8.50000000000021E+0
Node	2322	8.24999999932922E+0	4.29999999948844E+0	8.50000000000023E+0

Node	2323	8.74318181750101E+0	4.29999999944194E+0	8.50000000000024E+0
Node	2324	9.23636363567314E+0	4.29999999939543E+0	8.50000000000025E+0
Node	2325	9.72954545384543E+0	4.29999999934893E+0	8.50000000000025E+0
Node	2326	1.02227272720178E+1	4.29999999930242E+0	8.50000000000025E+0
Node	2327	1.07159090901902E+1	4.29999999925592E+0	8.50000000000025E+0
Node	2328	1.12090909083626E+1	4.29999999920941E+0	8.50000000000025E+0
Node	2329	1.17022727265350E+1	4.29999999916290E+0	8.50000000000024E+0
Node	2330	1.21954545447075E+1	4.29999999911640E+0	8.50000000000022E+0
Node	2331	1.26886363628799E+1	4.29999999906989E+0	8.50000000000017E+0
Node	2332	1.31818181810524E+1	4.29999999902339E+0	8.50000000000010E+0
Node	2333	3.31818181793485E+0	4.29999999995350E+0	8.9999999999987E+0
Node	2334	3.81136363605547E+0	4.29999999990699E+0	8.9999999999977E+0
Node	2335	4.30454545418449E+0	4.29999999986049E+0	8.9999999999975E+0
Node	2336	4.79772727232288E+0	4.29999999981398E+0	8.9999999999980E+0
Node	2337	5.29090909046934E+0	4.29999999976748E+0	8.9999999999988E+0
Node	2338	5.78409090862194E+0	4.29999999972097E+0	8.9999999999996E+0
Node	2339	6.27727272677884E+0	4.29999999967447E+0	9.00000000000002E+0
Node	2340	6.77045454493853E+0	4.29999999962796E+0	9.00000000000007E+0
Node	2341	7.26363636309995E+0	4.29999999958145E+0	9.00000000000010E+0
Node	2342	7.75681818126238E+0	4.29999999953495E+0	9.00000000000012E+0
Node	2343	8.24999999942539E+0	4.29999999948844E+0	9.00000000000013E+0
Node	2344	8.74318181758870E+0	4.29999999944194E+0	9.00000000000014E+0
Node	2345	9.23636363575218E+0	4.29999999939543E+0	9.00000000000014E+0
Node	2346	9.72954545391575E+0	4.29999999934893E+0	9.00000000000014E+0
Node	2347	1.02227272720793E+1	4.29999999930242E+0	9.00000000000014E+0
Node	2348	1.07159090902429E+1	4.29999999925592E+0	9.00000000000014E+0
Node	2349	1.12090909084066E+1	4.29999999920941E+0	9.00000000000014E+0

Node	2350	1.17022727265702E+1	4.29999999916290E+0	9.00000000000014E+0
Node	2351	1.21954545447339E+1	4.29999999911640E+0	9.00000000000013E+0
Node	2352	1.26886363628975E+1	4.29999999906989E+0	9.00000000000010E+0
Node	2353	1.31818181810612E+1	4.29999999902339E+0	9.00000000000006E+0
Node	2354	2.82499999981819E+0	1.15221638376931E+1	5.00000000000000E-1
Node	2355	2.82499999981819E+0	1.10406862485136E+1	5.00000000000000E-1
Node	2356	2.82499999981819E+0	1.05592086593340E+1	5.00000000000000E-1
Node	2357	2.82499999981819E+0	1.00777310701545E+1	5.00000000000000E-1
Node	2358	2.82499999981819E+0	9.59625348097500E+0	5.00000000000000E-1
Node	2359	2.82499999981819E+0	9.11477589179546E+0	5.00000000000000E-1
Node	2360	2.82499999981819E+0	8.63329830261591E+0	5.00000000000000E-1
Node	2361	2.82499999981819E+0	8.15182071343637E+0	5.00000000000000E-1
Node	2362	2.82499999981819E+0	7.67034312425682E+0	5.00000000000000E-1
Node	2363	2.82499999981819E+0	7.18886553507728E+0	5.00000000000000E-1
Node	2364	2.82499999981819E+0	6.70738794589773E+0	5.00000000000000E-1
Node	2365	2.82499999981819E+0	6.22591035671819E+0	5.00000000000000E-1
Node	2366	2.82499999981819E+0	5.74443276753864E+0	5.00000000000000E-1
Node	2367	2.82499999981819E+0	5.26295517835909E+0	5.00000000000000E-1
Node	2368	2.82499999981819E+0	4.78147758917955E+0	5.00000000000000E-1
Node	2369	2.82499999981819E+0	1.15221638376931E+1	1.00000000000000E+0
Node	2370	2.82499999981819E+0	1.10406862485136E+1	1.00000000000000E+0
Node	2371	2.82499999981819E+0	1.05592086593340E+1	1.00000000000000E+0
Node	2372	2.82499999981819E+0	1.00777310701545E+1	1.00000000000000E+0
Node	2373	2.82499999981819E+0	9.59625348097500E+0	1.00000000000000E+0
Node	2374	2.82499999981819E+0	9.11477589179546E+0	1.00000000000000E+0
Node	2375	2.82499999981819E+0	8.63329830261591E+0	1.00000000000000E+0
Node	2376	2.82499999981819E+0	8.15182071343637E+0	1.00000000000000E+0

Node	2377	2.82499999981819E+0	7.67034312425682E+0	1.00000000000000E+0
Node	2378	2.82499999981819E+0	7.18886553507728E+0	1.00000000000000E+0
Node	2379	2.82499999981819E+0	6.70738794589773E+0	1.00000000000000E+0
Node	2380	2.82499999981819E+0	6.22591035671819E+0	1.00000000000000E+0
Node	2381	2.82499999981819E+0	5.74443276753864E+0	1.00000000000000E+0
Node	2382	2.82499999981819E+0	5.26295517835909E+0	1.00000000000000E+0
Node	2383	2.82499999981819E+0	4.78147758917955E+0	1.00000000000000E+0
Node	2384	2.82499999981819E+0	1.15221638376931E+1	1.50000000000000E+0
Node	2385	2.82499999981819E+0	1.10406862485136E+1	1.50000000000000E+0
Node	2386	2.82499999981819E+0	1.05592086593340E+1	1.50000000000000E+0
Node	2387	2.82499999981819E+0	1.00777310701545E+1	1.50000000000000E+0
Node	2388	2.82499999981819E+0	9.59625348097500E+0	1.50000000000000E+0
Node	2389	2.82499999981819E+0	9.11477589179546E+0	1.50000000000000E+0
Node	2390	2.82499999981819E+0	8.63329830261591E+0	1.50000000000000E+0
Node	2391	2.82499999981819E+0	8.15182071343637E+0	1.50000000000000E+0
Node	2392	2.82499999981819E+0	7.67034312425682E+0	1.50000000000000E+0
Node	2393	2.82499999981819E+0	7.18886553507728E+0	1.50000000000000E+0
Node	2394	2.82499999981819E+0	6.70738794589773E+0	1.50000000000000E+0
Node	2395	2.82499999981819E+0	6.22591035671819E+0	1.50000000000000E+0
Node	2396	2.82499999981819E+0	5.74443276753864E+0	1.50000000000000E+0
Node	2397	2.82499999981819E+0	5.26295517835910E+0	1.50000000000000E+0
Node	2398	2.82499999981819E+0	4.78147758917955E+0	1.50000000000000E+0
Node	2399	2.82499999981819E+0	1.15221638376931E+1	2.00000000000000E+0
Node	2400	2.82499999981819E+0	1.10406862485136E+1	2.00000000000000E+0
Node	2401	2.82499999981819E+0	1.05592086593340E+1	2.00000000000000E+0
Node	2402	2.82499999981819E+0	1.00777310701545E+1	2.00000000000000E+0
Node	2403	2.82499999981819E+0	9.59625348097500E+0	2.00000000000000E+0

Node	2404	2.82499999981819E+0	9.11477589179546E+0	2.00000000000000E+0
Node	2405	2.82499999981819E+0	8.63329830261591E+0	2.00000000000000E+0
Node	2406	2.82499999981819E+0	8.15182071343637E+0	2.00000000000000E+0
Node	2407	2.82499999981819E+0	7.67034312425682E+0	2.00000000000000E+0
Node	2408	2.82499999981819E+0	7.18886553507728E+0	2.00000000000000E+0
Node	2409	2.82499999981819E+0	6.70738794589773E+0	2.00000000000000E+0
Node	2410	2.82499999981819E+0	6.22591035671819E+0	2.00000000000000E+0
Node	2411	2.82499999981819E+0	5.74443276753864E+0	2.00000000000000E+0
Node	2412	2.82499999981819E+0	5.26295517835910E+0	2.00000000000000E+0
Node	2413	2.82499999981819E+0	4.78147758917955E+0	2.00000000000000E+0
Node	2414	2.82499999981819E+0	1.15221638376931E+1	2.50000000000000E+0
Node	2415	2.82499999981819E+0	1.10406862485136E+1	2.50000000000000E+0
Node	2416	2.82499999981819E+0	1.05592086593340E+1	2.50000000000000E+0
Node	2417	2.82499999981819E+0	1.00777310701545E+1	2.50000000000000E+0
Node	2418	2.82499999981819E+0	9.59625348097500E+0	2.50000000000000E+0
Node	2419	2.82499999981819E+0	9.11477589179546E+0	2.50000000000000E+0
Node	2420	2.82499999981819E+0	8.63329830261591E+0	2.50000000000000E+0
Node	2421	2.82499999981819E+0	8.15182071343637E+0	2.50000000000000E+0
Node	2422	2.82499999981819E+0	7.67034312425682E+0	2.50000000000000E+0
Node	2423	2.82499999981819E+0	7.18886553507728E+0	2.50000000000000E+0
Node	2424	2.82499999981819E+0	6.70738794589773E+0	2.50000000000000E+0
Node	2425	2.82499999981819E+0	6.22591035671819E+0	2.50000000000000E+0
Node	2426	2.82499999981819E+0	5.74443276753864E+0	2.50000000000000E+0
Node	2427	2.82499999981819E+0	5.26295517835910E+0	2.50000000000000E+0
Node	2428	2.82499999981819E+0	4.78147758917955E+0	2.50000000000000E+0
Node	2429	2.82499999981819E+0	1.15221638376931E+1	3.00000000000000E+0
Node	2430	2.82499999981819E+0	1.10406862485136E+1	3.00000000000000E+0

Node	2431	2.82499999981819E+0	1.05592086593340E+1	3.00000000000000E+0
Node	2432	2.82499999981819E+0	1.00777310701545E+1	3.00000000000000E+0
Node	2433	2.82499999981819E+0	9.59625348097500E+0	3.00000000000000E+0
Node	2434	2.82499999981819E+0	9.11477589179546E+0	3.00000000000000E+0
Node	2435	2.82499999981819E+0	8.63329830261591E+0	3.00000000000000E+0
Node	2436	2.82499999981819E+0	8.15182071343637E+0	3.00000000000000E+0
Node	2437	2.82499999981819E+0	7.67034312425682E+0	3.00000000000000E+0
Node	2438	2.82499999981819E+0	7.18886553507728E+0	3.00000000000000E+0
Node	2439	2.82499999981819E+0	6.70738794589773E+0	3.00000000000000E+0
Node	2440	2.82499999981819E+0	6.22591035671819E+0	3.00000000000000E+0
Node	2441	2.82499999981819E+0	5.74443276753864E+0	3.00000000000000E+0
Node	2442	2.82499999981819E+0	5.26295517835910E+0	3.00000000000000E+0
Node	2443	2.82499999981819E+0	4.78147758917955E+0	3.00000000000000E+0
Node	2444	2.82499999981819E+0	1.15221638376931E+1	3.50000000000000E+0
Node	2445	2.82499999981819E+0	1.10406862485136E+1	3.50000000000000E+0
Node	2446	2.82499999981819E+0	1.05592086593340E+1	3.50000000000000E+0
Node	2447	2.82499999981819E+0	1.00777310701545E+1	3.50000000000000E+0
Node	2448	2.82499999981819E+0	9.59625348097500E+0	3.50000000000000E+0
Node	2449	2.82499999981819E+0	9.11477589179546E+0	3.50000000000000E+0
Node	2450	2.82499999981819E+0	8.63329830261591E+0	3.50000000000000E+0
Node	2451	2.82499999981819E+0	8.15182071343637E+0	3.50000000000000E+0
Node	2452	2.82499999981819E+0	7.67034312425682E+0	3.50000000000000E+0
Node	2453	2.82499999981819E+0	7.18886553507728E+0	3.50000000000000E+0
Node	2454	2.82499999981819E+0	6.70738794589773E+0	3.50000000000000E+0
Node	2455	2.82499999981819E+0	6.22591035671819E+0	3.50000000000000E+0
Node	2456	2.82499999981819E+0	5.74443276753864E+0	3.50000000000000E+0
Node	2457	2.82499999981819E+0	5.26295517835910E+0	3.50000000000000E+0

Node	2458	2.82499999981819E+0	4.78147758917955E+0	3.50000000000000E+0
Node	2459	2.82499999981819E+0	1.15221638376931E+1	4.00000000000000E+0
Node	2460	2.82499999981819E+0	1.10406862485136E+1	4.00000000000000E+0
Node	2461	2.82499999981819E+0	1.05592086593340E+1	4.00000000000000E+0
Node	2462	2.82499999981819E+0	1.00777310701545E+1	4.00000000000000E+0
Node	2463	2.82499999981819E+0	9.59625348097500E+0	4.00000000000000E+0
Node	2464	2.82499999981819E+0	9.11477589179546E+0	4.00000000000000E+0
Node	2465	2.82499999981819E+0	8.63329830261591E+0	4.00000000000000E+0
Node	2466	2.82499999981819E+0	8.15182071343637E+0	4.00000000000000E+0
Node	2467	2.82499999981819E+0	7.67034312425682E+0	4.00000000000000E+0
Node	2468	2.82499999981819E+0	7.18886553507728E+0	4.00000000000000E+0
Node	2469	2.82499999981819E+0	6.70738794589773E+0	4.00000000000000E+0
Node	2470	2.82499999981819E+0	6.22591035671819E+0	4.00000000000000E+0
Node	2471	2.82499999981819E+0	5.74443276753864E+0	4.00000000000000E+0
Node	2472	2.82499999981819E+0	5.26295517835910E+0	4.00000000000000E+0
Node	2473	2.82499999981819E+0	4.78147758917955E+0	4.00000000000000E+0
Node	2474	2.82499999981819E+0	1.15221638376931E+1	4.50000000000000E+0
Node	2475	2.82499999981819E+0	1.10406862485136E+1	4.50000000000000E+0
Node	2476	2.82499999981819E+0	1.05592086593340E+1	4.50000000000000E+0
Node	2477	2.82499999981819E+0	1.00777310701545E+1	4.50000000000000E+0
Node	2478	2.82499999981819E+0	9.59625348097500E+0	4.50000000000000E+0
Node	2479	2.82499999981819E+0	9.11477589179546E+0	4.50000000000000E+0
Node	2480	2.82499999981819E+0	8.63329830261591E+0	4.50000000000000E+0
Node	2481	2.82499999981819E+0	8.15182071343637E+0	4.50000000000000E+0
Node	2482	2.82499999981819E+0	7.67034312425682E+0	4.50000000000000E+0
Node	2483	2.82499999981819E+0	7.18886553507728E+0	4.50000000000000E+0
Node	2484	2.82499999981819E+0	6.70738794589773E+0	4.50000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	231 di 729

Node	2485	2.82499999981819E+0	6.22591035671819E+0	4.50000000000000E+0
Node	2486	2.82499999981819E+0	5.74443276753864E+0	4.50000000000000E+0
Node	2487	2.82499999981819E+0	5.26295517835910E+0	4.50000000000000E+0
Node	2488	2.82499999981819E+0	4.78147758917955E+0	4.50000000000000E+0
Node	2489	2.82499999981819E+0	1.15221638376931E+1	5.00000000000000E+0
Node	2490	2.82499999981819E+0	1.10406862485136E+1	5.00000000000000E+0
Node	2491	2.82499999981819E+0	1.05592086593340E+1	5.00000000000000E+0
Node	2492	2.82499999981819E+0	1.00777310701545E+1	5.00000000000000E+0
Node	2493	2.82499999981819E+0	9.59625348097500E+0	5.00000000000000E+0
Node	2494	2.82499999981819E+0	9.11477589179546E+0	5.00000000000000E+0
Node	2495	2.82499999981819E+0	8.63329830261591E+0	5.00000000000000E+0
Node	2496	2.82499999981819E+0	8.15182071343637E+0	5.00000000000000E+0
Node	2497	2.82499999981819E+0	7.67034312425682E+0	5.00000000000000E+0
Node	2498	2.82499999981819E+0	7.18886553507728E+0	5.00000000000000E+0
Node	2499	2.82499999981819E+0	6.70738794589773E+0	5.00000000000000E+0
Node	2500	2.82499999981819E+0	6.22591035671819E+0	5.00000000000000E+0
Node	2501	2.82499999981819E+0	5.74443276753864E+0	5.00000000000000E+0
Node	2502	2.82499999981819E+0	5.26295517835910E+0	5.00000000000000E+0
Node	2503	2.82499999981819E+0	4.78147758917955E+0	5.00000000000000E+0
Node	2504	2.82499999981819E+0	1.15221638376931E+1	5.50000000000000E+0
Node	2505	2.82499999981819E+0	1.10406862485136E+1	5.50000000000000E+0
Node	2506	2.82499999981819E+0	1.05592086593340E+1	5.50000000000000E+0
Node	2507	2.82499999981819E+0	1.00777310701545E+1	5.50000000000000E+0
Node	2508	2.82499999981819E+0	9.59625348097500E+0	5.50000000000000E+0
Node	2509	2.82499999981819E+0	9.11477589179546E+0	5.50000000000000E+0
Node	2510	2.82499999981819E+0	8.63329830261591E+0	5.50000000000000E+0
Node	2511	2.82499999981819E+0	8.15182071343637E+0	5.50000000000000E+0

Node	2512	2.82499999981819E+0	7.67034312425682E+0	5.50000000000000E+0
Node	2513	2.82499999981819E+0	7.18886553507728E+0	5.50000000000000E+0
Node	2514	2.82499999981819E+0	6.70738794589773E+0	5.50000000000000E+0
Node	2515	2.82499999981819E+0	6.22591035671819E+0	5.50000000000000E+0
Node	2516	2.82499999981819E+0	5.74443276753864E+0	5.50000000000000E+0
Node	2517	2.82499999981819E+0	5.26295517835910E+0	5.50000000000000E+0
Node	2518	2.82499999981819E+0	4.78147758917955E+0	5.50000000000000E+0
Node	2519	2.82499999981819E+0	1.15221638376931E+1	6.00000000000000E+0
Node	2520	2.82499999981819E+0	1.10406862485136E+1	6.00000000000000E+0
Node	2521	2.82499999981819E+0	1.05592086593340E+1	6.00000000000000E+0
Node	2522	2.82499999981819E+0	1.00777310701545E+1	6.00000000000000E+0
Node	2523	2.82499999981819E+0	9.59625348097500E+0	6.00000000000000E+0
Node	2524	2.82499999981819E+0	9.11477589179546E+0	6.00000000000000E+0
Node	2525	2.82499999981819E+0	8.63329830261591E+0	6.00000000000000E+0
Node	2526	2.82499999981819E+0	8.15182071343636E+0	6.00000000000000E+0
Node	2527	2.82499999981819E+0	7.67034312425682E+0	6.00000000000000E+0
Node	2528	2.82499999981819E+0	7.18886553507728E+0	6.00000000000000E+0
Node	2529	2.82499999981819E+0	6.70738794589773E+0	6.00000000000000E+0
Node	2530	2.82499999981819E+0	6.22591035671818E+0	6.00000000000000E+0
Node	2531	2.82499999981819E+0	5.74443276753864E+0	6.00000000000000E+0
Node	2532	2.82499999981819E+0	5.26295517835910E+0	6.00000000000000E+0
Node	2533	2.82499999981819E+0	4.78147758917955E+0	6.00000000000000E+0
Node	2534	2.82499999981819E+0	1.15221638376931E+1	6.50000000000000E+0
Node	2535	2.82499999981819E+0	1.10406862485136E+1	6.50000000000000E+0
Node	2536	2.82499999981819E+0	1.05592086593340E+1	6.50000000000000E+0
Node	2537	2.82499999981819E+0	1.00777310701545E+1	6.50000000000000E+0
Node	2538	2.82499999981819E+0	9.59625348097500E+0	6.50000000000000E+0

Node	2539	2.82499999981819E+0	9.11477589179546E+0	6.50000000000000E+0
Node	2540	2.82499999981819E+0	8.63329830261591E+0	6.50000000000000E+0
Node	2541	2.82499999981819E+0	8.15182071343636E+0	6.50000000000000E+0
Node	2542	2.82499999981819E+0	7.67034312425682E+0	6.50000000000000E+0
Node	2543	2.82499999981819E+0	7.18886553507728E+0	6.50000000000000E+0
Node	2544	2.82499999981819E+0	6.70738794589773E+0	6.50000000000000E+0
Node	2545	2.82499999981819E+0	6.22591035671818E+0	6.50000000000000E+0
Node	2546	2.82499999981819E+0	5.74443276753864E+0	6.50000000000000E+0
Node	2547	2.82499999981819E+0	5.26295517835909E+0	6.50000000000000E+0
Node	2548	2.82499999981819E+0	4.78147758917955E+0	6.50000000000000E+0
Node	2549	2.82499999981819E+0	1.15221638376931E+1	7.00000000000000E+0
Node	2550	2.82499999981819E+0	1.10406862485136E+1	7.00000000000000E+0
Node	2551	2.82499999981819E+0	1.05592086593340E+1	7.00000000000000E+0
Node	2552	2.82499999981819E+0	1.00777310701545E+1	7.00000000000000E+0
Node	2553	2.82499999981819E+0	9.59625348097500E+0	7.00000000000000E+0
Node	2554	2.82499999981819E+0	9.11477589179546E+0	7.00000000000000E+0
Node	2555	2.82499999981819E+0	8.63329830261591E+0	7.00000000000000E+0
Node	2556	2.82499999981819E+0	8.15182071343636E+0	7.00000000000000E+0
Node	2557	2.82499999981819E+0	7.67034312425682E+0	7.00000000000000E+0
Node	2558	2.82499999981819E+0	7.18886553507728E+0	7.00000000000000E+0
Node	2559	2.82499999981819E+0	6.70738794589773E+0	7.00000000000000E+0
Node	2560	2.82499999981819E+0	6.22591035671818E+0	7.00000000000000E+0
Node	2561	2.82499999981819E+0	5.74443276753864E+0	7.00000000000000E+0
Node	2562	2.82499999981819E+0	5.26295517835909E+0	7.00000000000000E+0
Node	2563	2.82499999981819E+0	4.78147758917955E+0	7.00000000000000E+0
Node	2564	2.82499999981819E+0	1.15221638376931E+1	7.50000000000000E+0
Node	2565	2.82499999981819E+0	1.10406862485136E+1	7.50000000000000E+0

Node	2566	2.82499999981819E+0	1.05592086593340E+1	7.50000000000000E+0
Node	2567	2.82499999981819E+0	1.00777310701545E+1	7.50000000000000E+0
Node	2568	2.82499999981819E+0	9.59625348097500E+0	7.50000000000000E+0
Node	2569	2.82499999981819E+0	9.11477589179546E+0	7.50000000000000E+0
Node	2570	2.82499999981819E+0	8.63329830261591E+0	7.50000000000000E+0
Node	2571	2.82499999981819E+0	8.15182071343636E+0	7.50000000000000E+0
Node	2572	2.82499999981819E+0	7.67034312425682E+0	7.50000000000000E+0
Node	2573	2.82499999981819E+0	7.18886553507728E+0	7.50000000000000E+0
Node	2574	2.82499999981819E+0	6.70738794589773E+0	7.50000000000000E+0
Node	2575	2.82499999981819E+0	6.22591035671818E+0	7.50000000000000E+0
Node	2576	2.82499999981819E+0	5.74443276753864E+0	7.50000000000000E+0
Node	2577	2.82499999981819E+0	5.26295517835909E+0	7.50000000000000E+0
Node	2578	2.82499999981819E+0	4.78147758917955E+0	7.50000000000000E+0
Node	2579	2.82499999981819E+0	1.15221638376931E+1	8.00000000000000E+0
Node	2580	2.82499999981819E+0	1.10406862485136E+1	8.00000000000000E+0
Node	2581	2.82499999981819E+0	1.05592086593340E+1	8.00000000000000E+0
Node	2582	2.82499999981819E+0	1.00777310701545E+1	8.00000000000000E+0
Node	2583	2.82499999981819E+0	9.59625348097500E+0	8.00000000000000E+0
Node	2584	2.82499999981819E+0	9.11477589179546E+0	8.00000000000000E+0
Node	2585	2.82499999981819E+0	8.63329830261591E+0	8.00000000000000E+0
Node	2586	2.82499999981819E+0	8.15182071343636E+0	8.00000000000000E+0
Node	2587	2.82499999981819E+0	7.67034312425682E+0	8.00000000000000E+0
Node	2588	2.82499999981819E+0	7.18886553507728E+0	8.00000000000000E+0
Node	2589	2.82499999981819E+0	6.70738794589773E+0	8.00000000000000E+0
Node	2590	2.82499999981819E+0	6.22591035671818E+0	8.00000000000000E+0
Node	2591	2.82499999981819E+0	5.74443276753864E+0	8.00000000000000E+0
Node	2592	2.82499999981819E+0	5.26295517835909E+0	8.00000000000000E+0

Node	2593	2.82499999981819E+0	4.78147758917955E+0	8.00000000000000E+0
Node	2594	2.82499999981819E+0	1.15221638376931E+1	8.50000000000000E+0
Node	2595	2.82499999981819E+0	1.10406862485136E+1	8.50000000000000E+0
Node	2596	2.82499999981819E+0	1.05592086593340E+1	8.50000000000000E+0
Node	2597	2.82499999981819E+0	1.00777310701545E+1	8.50000000000000E+0
Node	2598	2.82499999981819E+0	9.59625348097500E+0	8.50000000000000E+0
Node	2599	2.82499999981819E+0	9.11477589179546E+0	8.50000000000000E+0
Node	2600	2.82499999981819E+0	8.63329830261591E+0	8.50000000000000E+0
Node	2601	2.82499999981819E+0	8.15182071343636E+0	8.50000000000000E+0
Node	2602	2.82499999981819E+0	7.67034312425682E+0	8.50000000000000E+0
Node	2603	2.82499999981819E+0	7.18886553507728E+0	8.50000000000000E+0
Node	2604	2.82499999981819E+0	6.70738794589773E+0	8.50000000000000E+0
Node	2605	2.82499999981819E+0	6.22591035671818E+0	8.50000000000000E+0
Node	2606	2.82499999981819E+0	5.74443276753864E+0	8.50000000000000E+0
Node	2607	2.82499999981819E+0	5.26295517835909E+0	8.50000000000000E+0
Node	2608	2.82499999981819E+0	4.78147758917955E+0	8.50000000000000E+0
Node	2609	2.82499999981819E+0	1.15221638376931E+1	9.00000000000000E+0
Node	2610	2.82499999981819E+0	1.10406862485136E+1	9.00000000000000E+0
Node	2611	2.82499999981819E+0	1.05592086593340E+1	9.00000000000000E+0
Node	2612	2.82499999981819E+0	1.00777310701545E+1	9.00000000000000E+0
Node	2613	2.82499999981819E+0	9.59625348097500E+0	9.00000000000000E+0
Node	2614	2.82499999981819E+0	9.11477589179545E+0	9.00000000000000E+0
Node	2615	2.82499999981819E+0	8.63329830261591E+0	9.00000000000000E+0
Node	2616	2.82499999981819E+0	8.15182071343636E+0	9.00000000000000E+0
Node	2617	2.82499999981819E+0	7.67034312425682E+0	9.00000000000000E+0
Node	2618	2.82499999981819E+0	7.18886553507728E+0	9.00000000000000E+0
Node	2619	2.82499999981819E+0	6.70738794589773E+0	9.00000000000000E+0

Node	2620	2.82499999981819E+0	6.22591035671818E+0	9.00000000000000E+0
Node	2621	2.82499999981819E+0	5.74443276753864E+0	9.00000000000000E+0
Node	2622	2.82499999981819E+0	5.26295517835909E+0	9.00000000000000E+0
Node	2623	2.82499999981819E+0	4.78147758917955E+0	9.00000000000000E+0
Node	2624	2.82499999981819E+0	1.60036427077310E+1	5.00000000000000E-1
Node	2625	2.82499999981819E+0	1.55036425476237E+1	5.00000000000000E-1
Node	2626	2.82499999981819E+0	1.50036423875164E+1	5.00000000000000E-1
Node	2627	2.82499999981819E+0	1.45036422274091E+1	5.00000000000000E-1
Node	2628	2.82499999981819E+0	1.40036420673018E+1	5.00000000000000E-1
Node	2629	2.82499999981819E+0	1.35036419071945E+1	5.00000000000000E-1
Node	2630	2.82499999981819E+0	1.30036417470873E+1	5.00000000000000E-1
Node	2631	2.82499999981819E+0	1.25036415869800E+1	5.00000000000000E-1
Node	2632	2.82499999981819E+0	1.60036427077310E+1	1.00000000000000E+0
Node	2633	2.82499999981819E+0	1.55036425476237E+1	1.00000000000000E+0
Node	2634	2.82499999981819E+0	1.50036423875164E+1	1.00000000000000E+0
Node	2635	2.82499999981819E+0	1.45036422274091E+1	1.00000000000000E+0
Node	2636	2.82499999981819E+0	1.40036420673018E+1	1.00000000000000E+0
Node	2637	2.82499999981819E+0	1.35036419071945E+1	1.00000000000000E+0
Node	2638	2.82499999981819E+0	1.30036417470873E+1	1.00000000000000E+0
Node	2639	2.82499999981819E+0	1.25036415869800E+1	1.00000000000000E+0
Node	2640	2.82499999981819E+0	1.60036427077310E+1	1.50000000000000E+0
Node	2641	2.82499999981819E+0	1.55036425476237E+1	1.50000000000000E+0
Node	2642	2.82499999981819E+0	1.50036423875164E+1	1.50000000000000E+0
Node	2643	2.82499999981819E+0	1.45036422274091E+1	1.50000000000000E+0
Node	2644	2.82499999981819E+0	1.40036420673018E+1	1.50000000000000E+0
Node	2645	2.82499999981819E+0	1.35036419071945E+1	1.50000000000000E+0
Node	2646	2.82499999981819E+0	1.30036417470873E+1	1.50000000000000E+0

Node	2647	2.82499999981819E+0	1.25036415869800E+1	1.50000000000000E+0
Node	2648	2.82499999981819E+0	1.60036427077310E+1	2.00000000000000E+0
Node	2649	2.82499999981819E+0	1.55036425476237E+1	2.00000000000000E+0
Node	2650	2.82499999981819E+0	1.50036423875164E+1	2.00000000000000E+0
Node	2651	2.82499999981819E+0	1.45036422274091E+1	2.00000000000000E+0
Node	2652	2.82499999981819E+0	1.40036420673018E+1	2.00000000000000E+0
Node	2653	2.82499999981819E+0	1.35036419071945E+1	2.00000000000000E+0
Node	2654	2.82499999981819E+0	1.30036417470873E+1	2.00000000000000E+0
Node	2655	2.82499999981819E+0	1.25036415869800E+1	2.00000000000000E+0
Node	2656	2.82499999981819E+0	1.60036427077310E+1	2.50000000000000E+0
Node	2657	2.82499999981819E+0	1.55036425476237E+1	2.50000000000000E+0
Node	2658	2.82499999981819E+0	1.50036423875164E+1	2.50000000000000E+0
Node	2659	2.82499999981819E+0	1.45036422274091E+1	2.50000000000000E+0
Node	2660	2.82499999981819E+0	1.40036420673018E+1	2.50000000000000E+0
Node	2661	2.82499999981819E+0	1.35036419071945E+1	2.50000000000000E+0
Node	2662	2.82499999981819E+0	1.30036417470873E+1	2.50000000000000E+0
Node	2663	2.82499999981819E+0	1.25036415869800E+1	2.50000000000000E+0
Node	2664	2.82499999981819E+0	1.60036427077310E+1	3.00000000000000E+0
Node	2665	2.82499999981819E+0	1.55036425476237E+1	3.00000000000000E+0
Node	2666	2.82499999981819E+0	1.50036423875164E+1	3.00000000000000E+0
Node	2667	2.82499999981819E+0	1.45036422274091E+1	3.00000000000000E+0
Node	2668	2.82499999981819E+0	1.40036420673018E+1	3.00000000000000E+0
Node	2669	2.82499999981819E+0	1.35036419071945E+1	3.00000000000000E+0
Node	2670	2.82499999981819E+0	1.30036417470873E+1	3.00000000000000E+0
Node	2671	2.82499999981819E+0	1.25036415869800E+1	3.00000000000000E+0
Node	2672	2.82499999981819E+0	1.60036427077310E+1	3.50000000000000E+0
Node	2673	2.82499999981819E+0	1.55036425476237E+1	3.50000000000000E+0

Node	2674	2.82499999981819E+0	1.50036423875164E+1	3.50000000000000E+0
Node	2675	2.82499999981819E+0	1.45036422274091E+1	3.50000000000000E+0
Node	2676	2.82499999981819E+0	1.40036420673018E+1	3.50000000000000E+0
Node	2677	2.82499999981819E+0	1.35036419071945E+1	3.50000000000000E+0
Node	2678	2.82499999981819E+0	1.30036417470873E+1	3.50000000000000E+0
Node	2679	2.82499999981819E+0	1.25036415869800E+1	3.50000000000000E+0
Node	2680	2.82499999981819E+0	1.60036427077310E+1	4.00000000000000E+0
Node	2681	2.82499999981819E+0	1.55036425476237E+1	4.00000000000000E+0
Node	2682	2.82499999981819E+0	1.50036423875164E+1	4.00000000000000E+0
Node	2683	2.82499999981819E+0	1.45036422274091E+1	4.00000000000000E+0
Node	2684	2.82499999981819E+0	1.40036420673018E+1	4.00000000000000E+0
Node	2685	2.82499999981819E+0	1.35036419071945E+1	4.00000000000000E+0
Node	2686	2.82499999981819E+0	1.30036417470873E+1	4.00000000000000E+0
Node	2687	2.82499999981819E+0	1.25036415869800E+1	4.00000000000000E+0
Node	2688	2.82499999981819E+0	1.60036427077310E+1	4.50000000000000E+0
Node	2689	2.82499999981819E+0	1.55036425476237E+1	4.50000000000000E+0
Node	2690	2.82499999981819E+0	1.50036423875164E+1	4.50000000000000E+0
Node	2691	2.82499999981819E+0	1.45036422274091E+1	4.50000000000000E+0
Node	2692	2.82499999981819E+0	1.40036420673018E+1	4.50000000000000E+0
Node	2693	2.82499999981819E+0	1.35036419071945E+1	4.50000000000000E+0
Node	2694	2.82499999981819E+0	1.30036417470873E+1	4.50000000000000E+0
Node	2695	2.82499999981819E+0	1.25036415869800E+1	4.50000000000000E+0
Node	2696	2.82499999981819E+0	1.60036427077310E+1	5.00000000000000E+0
Node	2697	2.82499999981819E+0	1.55036425476237E+1	5.00000000000000E+0
Node	2698	2.82499999981819E+0	1.50036423875164E+1	5.00000000000000E+0
Node	2699	2.82499999981819E+0	1.45036422274091E+1	5.00000000000000E+0
Node	2700	2.82499999981819E+0	1.40036420673018E+1	5.00000000000000E+0

Node	2701	2.82499999981819E+0	1.35036419071945E+1	5.00000000000000E+0
Node	2702	2.82499999981819E+0	1.30036417470873E+1	5.00000000000000E+0
Node	2703	2.82499999981819E+0	1.25036415869800E+1	5.00000000000000E+0
Node	2704	2.82499999981819E+0	1.60036427077310E+1	5.50000000000000E+0
Node	2705	2.82499999981819E+0	1.55036425476237E+1	5.50000000000000E+0
Node	2706	2.82499999981819E+0	1.50036423875164E+1	5.50000000000000E+0
Node	2707	2.82499999981819E+0	1.45036422274091E+1	5.50000000000000E+0
Node	2708	2.82499999981819E+0	1.40036420673018E+1	5.50000000000000E+0
Node	2709	2.82499999981819E+0	1.35036419071945E+1	5.50000000000000E+0
Node	2710	2.82499999981819E+0	1.30036417470873E+1	5.50000000000000E+0
Node	2711	2.82499999981819E+0	1.25036415869800E+1	5.50000000000000E+0
Node	2712	2.82499999981819E+0	1.60036427077310E+1	6.00000000000000E+0
Node	2713	2.82499999981819E+0	1.55036425476237E+1	6.00000000000000E+0
Node	2714	2.82499999981819E+0	1.50036423875164E+1	6.00000000000000E+0
Node	2715	2.82499999981819E+0	1.45036422274091E+1	6.00000000000000E+0
Node	2716	2.82499999981819E+0	1.40036420673018E+1	6.00000000000000E+0
Node	2717	2.82499999981819E+0	1.35036419071945E+1	6.00000000000000E+0
Node	2718	2.82499999981819E+0	1.30036417470873E+1	6.00000000000000E+0
Node	2719	2.82499999981819E+0	1.25036415869800E+1	6.00000000000000E+0
Node	2720	2.82499999981819E+0	1.60036427077310E+1	6.50000000000000E+0
Node	2721	2.82499999981819E+0	1.55036425476237E+1	6.50000000000000E+0
Node	2722	2.82499999981819E+0	1.50036423875164E+1	6.50000000000000E+0
Node	2723	2.82499999981819E+0	1.45036422274091E+1	6.50000000000000E+0
Node	2724	2.82499999981819E+0	1.40036420673018E+1	6.50000000000000E+0
Node	2725	2.82499999981819E+0	1.35036419071945E+1	6.50000000000000E+0
Node	2726	2.82499999981819E+0	1.30036417470873E+1	6.50000000000000E+0
Node	2727	2.82499999981819E+0	1.25036415869800E+1	6.50000000000000E+0

Node	2728	2.82499999981819E+0	1.60036427077310E+1	7.00000000000000E+0
Node	2729	2.82499999981819E+0	1.55036425476237E+1	7.00000000000000E+0
Node	2730	2.82499999981819E+0	1.50036423875164E+1	7.00000000000000E+0
Node	2731	2.82499999981819E+0	1.45036422274091E+1	7.00000000000000E+0
Node	2732	2.82499999981819E+0	1.40036420673018E+1	7.00000000000000E+0
Node	2733	2.82499999981819E+0	1.35036419071945E+1	7.00000000000000E+0
Node	2734	2.82499999981819E+0	1.30036417470873E+1	7.00000000000000E+0
Node	2735	2.82499999981819E+0	1.25036415869800E+1	7.00000000000000E+0
Node	2736	2.82499999981819E+0	1.60036427077310E+1	7.50000000000000E+0
Node	2737	2.82499999981819E+0	1.55036425476237E+1	7.50000000000000E+0
Node	2738	2.82499999981819E+0	1.50036423875164E+1	7.50000000000000E+0
Node	2739	2.82499999981819E+0	1.45036422274091E+1	7.50000000000000E+0
Node	2740	2.82499999981819E+0	1.40036420673018E+1	7.50000000000000E+0
Node	2741	2.82499999981819E+0	1.35036419071945E+1	7.50000000000000E+0
Node	2742	2.82499999981819E+0	1.30036417470873E+1	7.50000000000000E+0
Node	2743	2.82499999981819E+0	1.25036415869800E+1	7.50000000000000E+0
Node	2744	2.82499999981819E+0	1.60036427077310E+1	8.00000000000000E+0
Node	2745	2.82499999981819E+0	1.55036425476237E+1	8.00000000000000E+0
Node	2746	2.82499999981819E+0	1.50036423875164E+1	8.00000000000000E+0
Node	2747	2.82499999981819E+0	1.45036422274091E+1	8.00000000000000E+0
Node	2748	2.82499999981819E+0	1.40036420673018E+1	8.00000000000000E+0
Node	2749	2.82499999981819E+0	1.35036419071945E+1	8.00000000000000E+0
Node	2750	2.82499999981819E+0	1.30036417470873E+1	8.00000000000000E+0
Node	2751	2.82499999981819E+0	1.25036415869800E+1	8.00000000000000E+0
Node	2752	2.82499999981819E+0	1.60036427077310E+1	8.50000000000000E+0
Node	2753	2.82499999981819E+0	1.55036425476237E+1	8.50000000000000E+0
Node	2754	2.82499999981819E+0	1.50036423875164E+1	8.50000000000000E+0

Node	2755	2.82499999981819E+0	1.45036422274091E+1	8.50000000000000E+0
Node	2756	2.82499999981819E+0	1.40036420673018E+1	8.50000000000000E+0
Node	2757	2.82499999981819E+0	1.35036419071945E+1	8.50000000000000E+0
Node	2758	2.82499999981819E+0	1.30036417470873E+1	8.50000000000000E+0
Node	2759	2.82499999981819E+0	1.25036415869800E+1	8.50000000000000E+0
Node	2760	2.82499999981819E+0	1.60036427077310E+1	9.00000000000000E+0
Node	2761	2.82499999981819E+0	1.55036425476237E+1	9.00000000000000E+0
Node	2762	2.82499999981819E+0	1.50036423875164E+1	9.00000000000000E+0
Node	2763	2.82499999981819E+0	1.45036422274091E+1	9.00000000000000E+0
Node	2764	2.82499999981819E+0	1.40036420673018E+1	9.00000000000000E+0
Node	2765	2.82499999981819E+0	1.35036419071945E+1	9.00000000000000E+0
Node	2766	2.82499999981819E+0	1.30036417470873E+1	9.00000000000000E+0
Node	2767	2.82499999981819E+0	1.25036415869800E+1	9.00000000000000E+0
Node	2768	1.36750000010638E+1	1.25036415863774E+1	5.00000000000038E-1
Node	2769	1.36750000010638E+1	1.30036417466594E+1	4.9999999999823E-1
Node	2770	1.36750000010638E+1	1.35036419068542E+1	4.99999999998919E-1
Node	2771	1.36750000010638E+1	1.40036420670114E+1	4.99999999997507E-1
Node	2772	1.36750000010638E+1	1.45036422271490E+1	4.99999999996752E-1
Node	2773	1.36750000010638E+1	1.50036423872754E+1	4.99999999997142E-1
Node	2774	1.36750000010638E+1	1.55036425473954E+1	4.99999999997862E-1
Node	2775	1.36750000010638E+1	1.60036427075120E+1	4.99999999998794E-1
Node	2776	1.36750000010638E+1	1.25036415862321E+1	1.00000000000033E+0
Node	2777	1.36750000010638E+1	1.30036417465286E+1	1.00000000000006E+0
Node	2778	1.36750000010638E+1	1.35036419067601E+1	9.99999999998077E-1
Node	2779	1.36750000010638E+1	1.40036420669484E+1	9.99999999995290E-1
Node	2780	1.36750000010638E+1	1.45036422271079E+1	9.99999999994710E-1
Node	2781	1.36750000010638E+1	1.50036423872494E+1	9.99999999995241E-1

Node	2782	1.36750000010638E+1	1.55036425473801E+1	9.9999999996295E-1
Node	2783	1.36750000010638E+1	1.60036427075049E+1	9.9999999997845E-1
Node	2784	1.36750000010638E+1	1.25036415861712E+1	1.50000000000094E+0
Node	2785	1.36750000010638E+1	1.30036417464572E+1	1.50000000000088E+0
Node	2786	1.36750000010638E+1	1.35036419066998E+1	1.4999999999828E+0
Node	2787	1.36750000010638E+1	1.40036420669027E+1	1.4999999999603E+0
Node	2788	1.36750000010638E+1	1.45036422270753E+1	1.4999999999506E+0
Node	2789	1.36750000010638E+1	1.50036423872273E+1	1.4999999999503E+0
Node	2790	1.36750000010638E+1	1.55036425473665E+1	1.4999999999580E+0
Node	2791	1.36750000010638E+1	1.60036427074985E+1	1.4999999999743E+0
Node	2792	1.36750000010638E+1	1.25036415861431E+1	2.00000000000171E+0
Node	2793	1.36750000010638E+1	1.30036417464183E+1	2.00000000000214E+0
Node	2794	1.36750000010638E+1	1.35036419066615E+1	2.00000000000056E+0
Node	2795	1.36750000010638E+1	1.40036420668700E+1	1.9999999999846E+0
Node	2796	1.36750000010638E+1	1.45036422270497E+1	1.9999999999681E+0
Node	2797	1.36750000010638E+1	1.50036423872088E+1	1.9999999999595E+0
Node	2798	1.36750000010638E+1	1.55036425473545E+1	1.9999999999610E+0
Node	2799	1.36750000010638E+1	1.60036427074926E+1	1.9999999999746E+0
Node	2800	1.36750000010638E+1	1.25036415861284E+1	2.50000000000236E+0
Node	2801	1.36750000010638E+1	1.30036417463951E+1	2.50000000000355E+0
Node	2802	1.36750000010638E+1	1.35036419066357E+1	2.50000000000278E+0
Node	2803	1.36750000010638E+1	1.40036420668457E+1	2.50000000000083E+0
Node	2804	1.36750000010638E+1	1.45036422270292E+1	2.4999999999869E+0
Node	2805	1.36750000010638E+1	1.50036423871930E+1	2.4999999999713E+0
Node	2806	1.36750000010638E+1	1.55036425473440E+1	2.4999999999670E+0
Node	2807	1.36750000010638E+1	1.60036427074874E+1	2.4999999999768E+0
Node	2808	1.36750000010638E+1	1.25036415861191E+1	3.00000000000270E+0

Node	2809	1.36750000010638E+1	1.30036417463791E+1	3.000000000000442E+0
Node	2810	1.36750000010638E+1	1.35036419066164E+1	3.000000000000424E+0
Node	2811	1.36750000010638E+1	1.40036420668263E+1	3.000000000000248E+0
Node	2812	1.36750000010638E+1	1.45036422270119E+1	3.000000000000009E+0
Node	2813	1.36750000010638E+1	1.50036423871793E+1	2.99999999999809E+0
Node	2814	1.36750000010638E+1	1.55036425473345E+1	2.99999999999725E+0
Node	2815	1.36750000010638E+1	1.60036427074825E+1	2.99999999999792E+0
Node	2816	1.36750000010638E+1	1.25036415861121E+1	3.500000000000283E+0
Node	2817	1.36750000010638E+1	1.30036417463664E+1	3.500000000000483E+0
Node	2818	1.36750000010638E+1	1.35036419066005E+1	3.500000000000499E+0
Node	2819	1.36750000010638E+1	1.40036420668096E+1	3.500000000000338E+0
Node	2820	1.36750000010638E+1	1.45036422269965E+1	3.500000000000090E+0
Node	2821	1.36750000010638E+1	1.50036423871667E+1	3.49999999999870E+0
Node	2822	1.36750000010638E+1	1.55036425473257E+1	3.49999999999762E+0
Node	2823	1.36750000010638E+1	1.60036427074780E+1	3.49999999999810E+0
Node	2824	1.36750000010638E+1	1.25036415861061E+1	4.000000000000284E+0
Node	2825	1.36750000010638E+1	1.30036417463552E+1	4.000000000000494E+0
Node	2826	1.36750000010638E+1	1.35036419065860E+1	4.000000000000525E+0
Node	2827	1.36750000010638E+1	1.40036420667942E+1	4.000000000000373E+0
Node	2828	1.36750000010638E+1	1.45036422269822E+1	4.000000000000124E+0
Node	2829	1.36750000010638E+1	1.50036423871549E+1	3.99999999999897E+0
Node	2830	1.36750000010638E+1	1.55036425473174E+1	3.99999999999780E+0
Node	2831	1.36750000010638E+1	1.60036427074737E+1	3.99999999999819E+0
Node	2832	1.36750000010638E+1	1.25036415861004E+1	4.500000000000279E+0
Node	2833	1.36750000010638E+1	1.30036417463447E+1	4.500000000000488E+0
Node	2834	1.36750000010638E+1	1.35036419065723E+1	4.500000000000522E+0
Node	2835	1.36750000010638E+1	1.40036420667794E+1	4.500000000000372E+0

Node	2836	1.36750000010638E+1	1.45036422269683E+1	4.50000000000125E+0
Node	2837	1.36750000010638E+1	1.50036423871435E+1	4.49999999999898E+0
Node	2838	1.36750000010638E+1	1.55036425473093E+1	4.49999999999782E+0
Node	2839	1.36750000010638E+1	1.60036427074695E+1	4.49999999999820E+0
Node	2840	1.36750000010638E+1	1.25036415860949E+1	5.00000000000271E+0
Node	2841	1.36750000010638E+1	1.30036417463344E+1	5.00000000000473E+0
Node	2842	1.36750000010638E+1	1.35036419065588E+1	5.00000000000503E+0
Node	2843	1.36750000010638E+1	1.40036420667650E+1	5.00000000000350E+0
Node	2844	1.36750000010638E+1	1.45036422269548E+1	5.00000000000105E+0
Node	2845	1.36750000010638E+1	1.50036423871322E+1	4.99999999999884E+0
Node	2846	1.36750000010638E+1	1.55036425473013E+1	4.99999999999774E+0
Node	2847	1.36750000010638E+1	1.60036427074654E+1	4.99999999999817E+0
Node	2848	1.36750000010638E+1	1.25036415860895E+1	5.50000000000261E+0
Node	2849	1.36750000010638E+1	1.30036417463242E+1	5.50000000000454E+0
Node	2850	1.36750000010638E+1	1.35036419065456E+1	5.50000000000474E+0
Node	2851	1.36750000010638E+1	1.40036420667507E+1	5.50000000000316E+0
Node	2852	1.36750000010638E+1	1.45036422269414E+1	5.50000000000073E+0
Node	2853	1.36750000010638E+1	1.50036423871211E+1	5.49999999999859E+0
Node	2854	1.36750000010638E+1	1.55036425472934E+1	5.49999999999758E+0
Node	2855	1.36750000010638E+1	1.60036427074613E+1	5.49999999999809E+0
Node	2856	1.36750000010638E+1	1.25036415860841E+1	6.00000000000250E+0
Node	2857	1.36750000010638E+1	1.30036417463140E+1	6.00000000000431E+0
Node	2858	1.36750000010638E+1	1.35036419065323E+1	6.00000000000441E+0
Node	2859	1.36750000010638E+1	1.40036420667365E+1	6.00000000000276E+0
Node	2860	1.36750000010638E+1	1.45036422269280E+1	6.00000000000035E+0
Node	2861	1.36750000010638E+1	1.50036423871100E+1	5.99999999999830E+0
Node	2862	1.36750000010638E+1	1.55036425472856E+1	5.99999999999739E+0

Node	2863	1.36750000010638E+1	1.60036427074573E+1	5.9999999999800E+0
Node	2864	1.36750000010638E+1	1.25036415860788E+1	6.50000000000237E+0
Node	2865	1.36750000010638E+1	1.30036417463039E+1	6.50000000000407E+0
Node	2866	1.36750000010638E+1	1.35036419065191E+1	6.50000000000404E+0
Node	2867	1.36750000010638E+1	1.40036420667223E+1	6.50000000000234E+0
Node	2868	1.36750000010638E+1	1.45036422269147E+1	6.4999999999995E+0
Node	2869	1.36750000010638E+1	1.50036423870990E+1	6.4999999999800E+0
Node	2870	1.36750000010638E+1	1.55036425472777E+1	6.4999999999720E+0
Node	2871	1.36750000010638E+1	1.60036427074532E+1	6.4999999999791E+0
Node	2872	1.36750000010638E+1	1.25036415860734E+1	7.00000000000223E+0
Node	2873	1.36750000010638E+1	1.30036417462939E+1	7.00000000000379E+0
Node	2874	1.36750000010638E+1	1.35036419065060E+1	7.00000000000365E+0
Node	2875	1.36750000010638E+1	1.40036420667081E+1	7.00000000000191E+0
Node	2876	1.36750000010638E+1	1.45036422269014E+1	6.9999999999959E+0
Node	2877	1.36750000010638E+1	1.50036423870880E+1	6.9999999999774E+0
Node	2878	1.36750000010638E+1	1.55036425472699E+1	6.9999999999706E+0
Node	2879	1.36750000010638E+1	1.60036427074492E+1	6.9999999999785E+0
Node	2880	1.36750000010638E+1	1.25036415860681E+1	7.50000000000205E+0
Node	2881	1.36750000010638E+1	1.30036417462839E+1	7.50000000000344E+0
Node	2882	1.36750000010638E+1	1.35036419064929E+1	7.50000000000322E+0
Node	2883	1.36750000010638E+1	1.40036420666941E+1	7.50000000000149E+0
Node	2884	1.36750000010638E+1	1.45036422268882E+1	7.4999999999929E+0
Node	2885	1.36750000010638E+1	1.50036423870770E+1	7.4999999999759E+0
Node	2886	1.36750000010638E+1	1.55036425472621E+1	7.4999999999702E+0
Node	2887	1.36750000010638E+1	1.60036427074451E+1	7.4999999999786E+0
Node	2888	1.36750000010638E+1	1.25036415860628E+1	8.00000000000179E+0
Node	2889	1.36750000010638E+1	1.30036417462739E+1	8.00000000000299E+0

Node	2890	1.36750000010638E+1	1.35036419064800E+1	8.00000000000271E+0
Node	2891	1.36750000010638E+1	1.40036420666802E+1	8.00000000000110E+0
Node	2892	1.36750000010638E+1	1.45036422268751E+1	7.9999999999912E+0
Node	2893	1.36750000010638E+1	1.50036423870661E+1	7.9999999999764E+0
Node	2894	1.36750000010638E+1	1.55036425472544E+1	7.9999999999718E+0
Node	2895	1.36750000010638E+1	1.60036427074411E+1	7.9999999999799E+0
Node	2896	1.36750000010638E+1	1.25036415860576E+1	8.50000000000141E+0
Node	2897	1.36750000010638E+1	1.30036417462641E+1	8.50000000000233E+0
Node	2898	1.36750000010638E+1	1.35036419064673E+1	8.50000000000204E+0
Node	2899	1.36750000010638E+1	1.40036420666665E+1	8.50000000000072E+0
Node	2900	1.36750000010638E+1	1.45036422268622E+1	8.4999999999915E+0
Node	2901	1.36750000010638E+1	1.50036423870554E+1	8.4999999999800E+0
Node	2902	1.36750000010638E+1	1.55036425472468E+1	8.4999999999766E+0
Node	2903	1.36750000010638E+1	1.60036427074372E+1	8.4999999999834E+0
Node	2904	1.36750000010638E+1	1.25036415860524E+1	9.00000000000084E+0
Node	2905	1.36750000010638E+1	1.30036417462544E+1	9.00000000000137E+0
Node	2906	1.36750000010638E+1	1.35036419064547E+1	9.00000000000115E+0
Node	2907	1.36750000010638E+1	1.40036420666530E+1	9.00000000000034E+0
Node	2908	1.36750000010638E+1	1.45036422268496E+1	8.9999999999943E+0
Node	2909	1.36750000010638E+1	1.50036423870449E+1	8.9999999999877E+0
Node	2910	1.36750000010638E+1	1.55036425472394E+1	8.9999999999859E+0
Node	2911	1.36750000010638E+1	1.60036427074333E+1	8.9999999999900E+0
Node	2912	1.49999999996535E+1	1.49947533566443E+0	-3.30000000000000E+1
Node	2913	1.04999999998041E+1	1.50122127909596E+0	-3.30000000000000E+1
Node	2914	5.99999999958034E+0	1.50296722252766E+0	-3.30000000000000E+1
Node	2915	1.50068424773488E+0	1.50045607655850E+1	-3.30000000000000E+1
Node	2916	1.49999999983303E+0	6.00471350437083E+0	-3.30000000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	247 di 729

Node	2917	1.50068424773490E+0	1.05047135771586E+1	-3.30000000000000E+1
Node	2918	1.49999999998337E+1	1.04994760118916E+1	-3.30000000000000E+1
Node	2919	1.50006842477473E+1	1.49637918717936E+1	-3.30000000000000E+1
Node	2920	1.49999999980812E+0	1.50471316595916E+0	-3.30000000000000E+1
Node	2921	5.99999999977200E+0	1.05029678987548E+1	-3.30000000000000E+1
Node	2922	1.05006842481785E+1	1.04637897534714E+1	-3.30000000000000E+1
Node	2923	1.49999999997436E+1	5.99947567407605E+0	-3.30000000000000E+1
Node	2924	1.05006842481785E+1	1.49637918718412E+1	-3.30000000000000E+1
Node	2925	6.00068424787189E+0	1.49637918724570E+1	-3.30000000000000E+1
Node	2926	6.00068424762553E+0	5.96378941581767E+0	-3.30000000000000E+1
Node	2927	1.05006842479321E+1	5.96378941520184E+0	-3.30000000000000E+1
Node	2928	4.79772727232288E+0	3.99999999981398E+0	8.9999999999980E+0
Node	2929	7.26363636309995E+0	3.99999999958145E+0	9.00000000000010E+0
Node	2930	9.23636363575218E+0	3.99999999939543E+0	9.00000000000014E+0
Node	2931	1.17022727265702E+1	3.99999999916290E+0	9.00000000000014E+0

/ _____

/ BEAM ELEMENTS

Beam	1	2	1	998	2912
Beam	2	2	1	1004	2913
Beam	3	2	1	1010	2914
Beam	4	2	1	1210	2915
Beam	5	2	1	1219	2916
Beam	6	2	1	1228	2917
Beam	7	2	1	1237	2918
Beam	8	2	1	1246	2919

Beam	9	2	1	1258	2920
Beam	10	2	1	1273	2921
Beam	11	2	1	1290	2922
Beam	12	2	1	1307	2923
Beam	13	2	1	1316	2924
Beam	14	2	1	1320	2925
Beam	15	2	1	1331	2926
Beam	16	2	1	1584	2927

/ _____

/ BEAM SUPPORTS

BmSupport	1	1.00000000000000E+4	1.00000000000000E+4
BmSupport	2	1.00000000000000E+4	1.00000000000000E+4
BmSupport	3	1.00000000000000E+4	1.00000000000000E+4
BmSupport	4	1.00000000000000E+4	1.00000000000000E+4
BmSupport	5	1.00000000000000E+4	1.00000000000000E+4
BmSupport	6	1.00000000000000E+4	1.00000000000000E+4
BmSupport	7	1.00000000000000E+4	1.00000000000000E+4
BmSupport	8	1.00000000000000E+4	1.00000000000000E+4
BmSupport	9	1.00000000000000E+4	1.00000000000000E+4
BmSupport	10	1.00000000000000E+4	1.00000000000000E+4
BmSupport	11	1.00000000000000E+4	1.00000000000000E+4
BmSupport	12	1.00000000000000E+4	1.00000000000000E+4
BmSupport	13	1.00000000000000E+4	1.00000000000000E+4
BmSupport	14	1.00000000000000E+4	1.00000000000000E+4
BmSupport	15	1.00000000000000E+4	1.00000000000000E+4

BmSupport 16 1.000000000000000E+4 1.000000000000000E+4

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/ PLATE ELEMENTS

Quad4	1	6	4	26	25	1	2
Quad4	2	6	4	27	26	2	3
Quad4	3	6	4	28	27	3	4
Quad4	4	6	4	29	28	4	5
Quad4	5	6	4	30	29	5	6
Quad4	6	6	4	31	30	6	7
Quad4	7	6	4	32	31	7	8
Quad4	8	6	4	33	32	8	9
Quad4	9	6	4	34	33	9	10
Quad4	10	6	4	35	34	10	11
Quad4	11	6	4	36	35	11	12
Quad4	12	6	4	37	36	12	13
Quad4	13	6	4	38	37	13	14
Quad4	14	6	4	39	38	14	15
Quad4	15	6	4	40	39	15	16
Quad4	16	6	4	40	16	17	18
Quad4	17	6	4	41	24	25	26
Quad4	18	6	4	42	41	26	27
Quad4	19	6	4	43	42	27	28
Quad4	20	6	4	44	43	28	29
Quad4	21	6	4	45	44	29	30
Quad4	22	6	4	46	45	30	31

Quad4	23	6	4	47	46	31	32
Quad4	24	6	4	48	47	32	33
Quad4	25	6	4	49	48	33	34
Quad4	26	6	4	50	49	34	35
Quad4	27	6	4	51	50	35	36
Quad4	28	6	4	52	51	36	37
Quad4	29	6	4	53	52	37	38
Quad4	30	6	4	54	53	38	39
Quad4	31	6	4	55	54	39	40
Quad4	32	6	4	55	40	18	19
Quad4	33	6	4	56	23	24	41
Quad4	34	6	4	57	56	41	42
Quad4	35	6	4	58	57	42	43
Quad4	36	6	4	59	58	43	44
Quad4	37	6	4	60	59	44	45
Quad4	38	6	4	61	60	45	46
Quad4	39	6	4	62	61	46	47
Quad4	40	6	4	63	62	47	48
Quad4	41	6	4	64	63	48	49
Quad4	42	6	4	65	64	49	50
Quad4	43	6	4	66	65	50	51
Quad4	44	6	4	67	66	51	52
Quad4	45	6	4	68	67	52	53
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Quad4	47	6	4	70	69	54	55
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Quad4	49	6	4	71	22	23	56

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Quad4	52	6	4	74	73	58	59
Quad4	53	6	4	75	74	59	60
Quad4	54	6	4	76	75	60	61
Quad4	55	6	4	77	76	61	62
Quad4	56	6	4	78	77	62	63
Quad4	57	6	4	79	78	63	64
Quad4	58	6	4	80	79	64	65
Quad4	59	6	4	81	80	65	66
Quad4	60	6	4	82	81	66	67
Quad4	61	6	4	83	82	67	68
Quad4	62	6	4	84	83	68	69
Quad4	63	6	4	85	84	69	70
Quad4	64	6	4	85	70	20	21
Quad4	65	5	3	112	111	86	87
Quad4	66	5	3	113	112	87	88
Quad4	67	5	3	114	113	88	89
Quad4	68	5	3	115	114	89	90
Quad4	69	5	3	116	115	90	91
Quad4	70	5	3	117	116	91	92
Quad4	71	5	3	118	117	92	93
Quad4	72	5	3	119	118	93	94
Quad4	73	5	3	120	119	94	95
Quad4	74	5	3	121	120	95	96
Quad4	75	5	3	122	121	96	97
Quad4	76	5	3	123	122	97	98

Quad4	77	5	3	124	123	98	99
Quad4	78	5	3	125	124	99	100
Quad4	79	5	3	126	125	100	101
Quad4	80	5	3	127	126	101	102
Quad4	81	5	3	128	127	102	103
Quad4	82	5	3	129	128	103	104
Quad4	83	5	3	130	129	104	105
Quad4	84	5	3	131	130	105	106
Quad4	85	5	3	132	131	106	107
Quad4	86	5	3	132	107	1	25
Quad4	87	5	3	133	110	111	112
Quad4	88	5	3	134	133	112	113
Quad4	89	5	3	135	134	113	114
Quad4	90	5	3	136	135	114	115
Quad4	91	5	3	137	136	115	116
Quad4	92	5	3	138	137	116	117
Quad4	93	5	3	139	138	117	118
Quad4	94	5	3	140	139	118	119
Quad4	95	5	3	141	140	119	120
Quad4	96	5	3	142	141	120	121
Quad4	97	5	3	143	142	121	122
Quad4	98	5	3	144	143	122	123
Quad4	99	5	3	145	144	123	124
Quad4	100	5	3	146	145	124	125
Quad4	101	5	3	147	146	125	126
Quad4	102	5	3	148	147	126	127
Quad4	103	5	3	149	148	127	128

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Quad4	106	5	3	152	151	130	131
Quad4	107	5	3	153	152	131	132
Quad4	108	5	3	153	132	25	24
Quad4	109	5	3	154	109	110	133
Quad4	110	5	3	155	154	133	134
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Quad4	112	5	3	157	156	135	136
Quad4	113	5	3	158	157	136	137
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Quad4	115	5	3	160	159	138	139
Quad4	116	5	3	161	160	139	140
Quad4	117	5	3	162	161	140	141
Quad4	118	5	3	163	162	141	142
Quad4	119	5	3	164	163	142	143
Quad4	120	5	3	165	164	143	144
Quad4	121	5	3	166	165	144	145
Quad4	122	5	3	167	166	145	146
Quad4	123	5	3	168	167	146	147
Quad4	124	5	3	169	168	147	148
Quad4	125	5	3	170	169	148	149
Quad4	126	5	3	171	170	149	150
Quad4	127	5	3	172	171	150	151
Quad4	128	5	3	173	172	151	152
Quad4	129	5	3	174	173	152	153
Quad4	130	5	3	174	153	24	23

Quad4	131	5	3	175	108	109	154
Quad4	132	5	3	176	175	154	155
Quad4	133	5	3	177	176	155	156
Quad4	134	5	3	178	177	156	157
Quad4	135	5	3	179	178	157	158
Quad4	136	5	3	180	179	158	159
Quad4	137	5	3	181	180	159	160
Quad4	138	5	3	182	181	160	161
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Quad4	140	5	3	184	183	162	163
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Quad4	142	5	3	186	185	164	165
Quad4	143	5	3	187	186	165	166
Quad4	144	5	3	188	187	166	167
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Quad4	146	5	3	190	189	168	169
Quad4	147	5	3	191	190	169	170
Quad4	148	5	3	192	191	170	171
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Quad4	150	5	3	194	193	172	173
Quad4	151	5	3	195	194	173	174
Quad4	152	5	3	195	174	23	22
Quad4	153	6	4	216	215	196	197
Quad4	154	6	4	217	216	197	198
Quad4	155	6	4	218	217	198	199
Quad4	156	6	4	219	218	199	200
Quad4	157	6	4	220	219	200	201

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Quad4	159	6	4	222	221	202	203
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Quad4	161	6	4	224	223	204	205
Quad4	162	6	4	225	224	205	206
Quad4	163	6	4	226	225	206	207
Quad4	164	6	4	227	226	207	208
Quad4	165	6	4	228	227	208	209
Quad4	166	6	4	229	228	209	210
Quad4	167	6	4	230	229	210	211
Quad4	168	6	4	230	211	86	111
Quad4	169	6	4	231	214	215	216
Quad4	170	6	4	232	231	216	217
Quad4	171	6	4	233	232	217	218
Quad4	172	6	4	234	233	218	219
Quad4	173	6	4	235	234	219	220
Quad4	174	6	4	236	235	220	221
Quad4	175	6	4	237	236	221	222
Quad4	176	6	4	238	237	222	223
Quad4	177	6	4	239	238	223	224
Quad4	178	6	4	240	239	224	225
Quad4	179	6	4	241	240	225	226
Quad4	180	6	4	242	241	226	227
Quad4	181	6	4	243	242	227	228
Quad4	182	6	4	244	243	228	229
Quad4	183	6	4	245	244	229	230
Quad4	184	6	4	245	230	111	110

Quad4	185	6	4	246	213	214	231
Quad4	186	6	4	247	246	231	232
Quad4	187	6	4	248	247	232	233
Quad4	188	6	4	249	248	233	234
Quad4	189	6	4	250	249	234	235
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Quad4	191	6	4	252	251	236	237
Quad4	192	6	4	253	252	237	238
Quad4	193	6	4	254	253	238	239
Quad4	194	6	4	255	254	239	240
Quad4	195	6	4	256	255	240	241
Quad4	196	6	4	257	256	241	242
Quad4	197	6	4	258	257	242	243
Quad4	198	6	4	259	258	243	244
Quad4	199	6	4	260	259	244	245
Quad4	200	6	4	260	245	110	109
Quad4	201	6	4	261	212	213	246
Quad4	202	6	4	262	261	246	247
Quad4	203	6	4	263	262	247	248
Quad4	204	6	4	264	263	248	249
Quad4	205	6	4	265	264	249	250
Quad4	206	6	4	266	265	250	251
Quad4	207	6	4	267	266	251	252
Quad4	208	6	4	268	267	252	253
Quad4	209	6	4	269	268	253	254
Quad4	210	6	4	270	269	254	255
Quad4	211	6	4	271	270	255	256

Quad4	212	6	4	272	271	256	257
Quad4	213	6	4	273	272	257	258
Quad4	214	6	4	274	273	258	259
Quad4	215	6	4	275	274	259	260
Quad4	216	6	4	275	260	109	108
Quad4	217	6	4	289	288	276	277
Quad4	218	6	4	290	289	277	278
Quad4	219	6	4	291	290	278	279
Quad4	220	6	4	292	291	279	280
Quad4	221	6	4	293	292	280	281
Quad4	222	6	4	294	293	281	282
Quad4	223	6	4	295	294	282	283
Quad4	224	6	4	296	295	283	284
Quad4	225	6	4	296	284	196	215
Quad4	226	6	4	297	287	288	289
Quad4	227	6	4	298	297	289	290
Quad4	228	6	4	299	298	290	291
Quad4	229	6	4	300	299	291	292
Quad4	230	6	4	301	300	292	293
Quad4	231	6	4	302	301	293	294
Quad4	232	6	4	303	302	294	295
Quad4	233	6	4	304	303	295	296
Quad4	234	6	4	304	296	215	214
Quad4	235	6	4	305	286	287	297
Quad4	236	6	4	306	305	297	298
Quad4	237	6	4	307	306	298	299
Quad4	238	6	4	308	307	299	300

Quad4	239	6	4	309	308	300	301
Quad4	240	6	4	310	309	301	302
Quad4	241	6	4	311	310	302	303
Quad4	242	6	4	312	311	303	304
Quad4	243	6	4	312	304	214	213
Quad4	244	6	4	313	285	286	305
Quad4	245	6	4	314	313	305	306
Quad4	246	6	4	315	314	306	307
Quad4	247	6	4	316	315	307	308
Quad4	248	6	4	317	316	308	309
Quad4	249	6	4	318	317	309	310
Quad4	250	6	4	319	318	310	311
Quad4	251	6	4	320	319	311	312
Quad4	252	6	4	320	312	213	212
Quad4	253	6	4	334	18	17	321
Quad4	254	6	4	335	334	321	322
Quad4	255	6	4	336	335	322	323
Quad4	256	6	4	337	336	323	324
Quad4	257	6	4	338	337	324	325
Quad4	258	6	4	339	338	325	326
Quad4	259	6	4	340	339	326	327
Quad4	260	6	4	341	340	327	328
Quad4	261	6	4	341	328	329	330
Quad4	262	6	4	342	19	18	334
Quad4	263	6	4	343	342	334	335
Quad4	264	6	4	344	343	335	336
Quad4	265	6	4	345	344	336	337

Quad4	266	6	4	346	345	337	338
Quad4	267	6	4	347	346	338	339
Quad4	268	6	4	348	347	339	340
Quad4	269	6	4	349	348	340	341
Quad4	270	6	4	349	341	330	331
Quad4	271	6	4	350	20	19	342
Quad4	272	6	4	351	350	342	343
Quad4	273	6	4	352	351	343	344
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Quad4	275	6	4	354	353	345	346
Quad4	276	6	4	355	354	346	347
Quad4	277	6	4	356	355	347	348
Quad4	278	6	4	357	356	348	349
Quad4	279	6	4	357	349	331	332
Quad4	280	6	4	358	21	20	350
Quad4	281	6	4	359	358	350	351
Quad4	282	6	4	360	359	351	352
Quad4	283	6	4	361	360	352	353
Quad4	284	6	4	362	361	353	354
Quad4	285	6	4	363	362	354	355
Quad4	286	6	4	364	363	355	356
Quad4	287	6	4	365	364	356	357
Quad4	288	6	4	365	357	332	333
Quad4	289	3	1	386	401	400	387
Quad4	290	3	1	399	388	387	400
Quad4	291	3	1	396	405	404	397
Quad4	292	3	1	404	405	369	368

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
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Quad4	293	3	1	389	406	391	390
Quad4	294	3	1	406	407	392	391
Quad4	295	3	1	407	408	393	392
Quad4	296	3	1	393	408	409	394
Quad4	297	3	1	409	410	395	394
Quad4	298	3	1	395	410	367	366
Quad4	299	3	1	410	404	368	367
Quad4	300	3	1	409	406	398	411
Quad4	301	3	1	405	412	370	369
Quad4	302	3	1	412	413	371	370
Quad4	303	3	1	413	414	372	371
Quad4	304	3	1	372	414	415	373
Quad4	305	3	1	374	416	376	375
Quad4	306	3	1	416	417	377	376
Quad4	307	3	1	417	418	378	377
Quad4	308	3	1	418	419	379	378
Quad4	309	3	1	419	420	380	379
Quad4	310	3	1	380	420	382	381
Quad4	311	3	1	420	421	383	382
Quad4	312	3	1	421	422	384	383
Quad4	313	3	1	422	423	385	384
Quad4	314	3	1	385	423	401	386
Quad4	315	3	1	423	424	402	401
Tri3	316	3	1	403	402	413	
Quad4	317	3	1	403	412	405	396
Quad4	318	3	1	402	424	414	413
Quad4	319	3	1	407	406	409	408

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	261 di 729

Quad4	320	3	1	419	425	421	420
Quad4	321	3	1	425	426	422	421
Quad4	322	3	1	422	426	424	423
Quad4	323	3	1	424	426	415	414
Quad4	324	3	1	427	425	419	418
Quad4	325	3	1	415	426	425	427
Quad4	326	3	1	427	418	417	415
Tri3	327	3	1	397	411	398	
Tri3	328	3	1	409	411	410	
Quad4	329	3	1	397	404	410	411
Tri3	330	3	1	417	416	415	
Quad4	331	3	1	415	416	374	373
Tri3	332	3	1	398	406	399	
Quad4	333	3	1	399	406	389	388
Tri3	334	3	1	412	403	413	
Quad4	335	3	1	461	470	469	462
Quad4	336	3	1	468	463	462	469
Quad4	337	3	1	477	482	481	478
Quad4	338	3	1	481	482	452	451
Quad4	339	3	1	476	483	482	477
Quad4	340	3	1	482	483	453	452
Quad4	341	3	1	468	484	464	463
Quad4	342	3	1	464	484	380	381
Quad4	343	3	1	484	485	379	380
Quad4	344	3	1	379	485	486	378
Quad4	345	3	1	486	487	377	378
Quad4	346	3	1	487	488	376	377

Quad4	347	3	1	376	488	428	375
Quad4	348	3	1	428	488	519	429
Quad4	349	3	1	519	516	430	429
Quad4	350	3	1	430	516	489	431
Quad4	351	3	1	431	489	490	432
Quad4	352	3	1	490	491	433	432
Quad4	353	3	1	491	492	434	433
Quad4	354	3	1	492	493	435	434
Quad4	355	3	1	493	494	436	435
Quad4	356	3	1	494	495	437	436
Quad4	357	3	1	437	495	503	438
Quad4	358	3	1	503	507	439	438
Quad4	359	3	1	439	507	496	440
Quad4	360	3	1	440	496	497	441
Quad4	361	3	1	442	498	444	443
Quad4	362	3	1	498	502	445	444
Quad4	363	3	1	502	501	446	445
Quad4	364	3	1	446	501	500	447
Quad4	365	3	1	447	500	499	448
Quad4	366	3	1	448	499	450	449
Quad4	367	3	1	450	499	481	451
Quad4	368	3	1	499	500	478	481
Quad4	369	3	1	500	501	479	478
Quad4	370	3	1	479	501	502	480
Quad4	371	3	1	502	497	473	480
Quad4	372	3	1	473	507	503	474
Quad4	373	3	1	503	508	475	474

Quad4	374	3	1	475	509	505	476
Quad4	375	3	1	505	506	483	476
Quad4	376	3	1	483	506	454	453
Quad4	377	3	1	496	507	473	497
Quad4	378	3	1	504	509	475	508
Quad4	379	3	1	506	527	455	454
Quad4	380	3	1	455	527	510	456
Quad4	381	3	1	510	511	457	456
Quad4	382	3	1	457	511	512	458
Quad4	383	3	1	512	513	459	458
Quad4	384	3	1	513	514	460	459
Quad4	385	3	1	460	514	470	461
Quad4	386	3	1	514	517	471	470
Quad4	387	3	1	471	518	490	472
Quad4	388	3	1	490	489	465	472
Quad4	389	3	1	465	519	486	466
Quad4	390	3	1	486	485	467	466
Quad4	391	3	1	467	485	484	468
Quad4	392	3	1	515	518	471	517
Quad4	393	3	1	465	489	516	519
Quad4	394	3	1	519	488	487	486
Quad4	395	3	1	520	517	514	513
Quad4	396	3	1	520	521	515	517
Quad4	397	3	1	526	523	515	521
Quad4	398	3	1	515	523	522	518
Quad4	399	3	1	490	518	522	491
Quad4	400	3	1	522	523	492	491

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
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Quad4	401	3	1	492	523	526	493
Quad4	402	3	1	526	525	494	493
Quad4	403	3	1	494	525	524	495
Quad4	404	3	1	524	508	503	495
Quad4	405	3	1	524	525	504	508
Quad4	406	3	1	504	525	526	510
Quad4	407	3	1	510	527	509	504
Quad4	408	3	1	509	527	506	505
Quad4	409	3	1	526	521	511	510
Tri3	410	3	1	513	512	520	
Quad4	411	3	1	511	521	520	512
Tri3	412	3	1	502	498	497	
Quad4	413	3	1	497	498	442	441
Quad4	414	3	1	530	559	558	531
Quad4	415	3	1	565	532	531	558
Quad4	416	3	1	565	566	533	532
Quad4	417	3	1	566	567	534	533
Quad4	418	3	1	567	568	535	534
Quad4	419	3	1	568	569	536	535
Quad4	420	3	1	536	569	538	537
Quad4	421	3	1	569	570	539	538
Quad4	422	3	1	570	571	540	539
Quad4	423	3	1	571	572	541	540
Quad4	424	3	1	572	573	542	541
Quad4	425	3	1	542	573	544	543
Quad4	426	3	1	573	574	545	544
Quad4	427	3	1	574	575	546	545

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	265 di 729

Quad4	428	3	1	546	575	583	547
Quad4	429	3	1	583	585	548	547
Quad4	430	3	1	548	585	576	549
Quad4	431	3	1	549	576	577	550
Quad4	432	3	1	577	578	551	550
Quad4	433	3	1	551	578	553	552
Quad4	434	3	1	553	578	579	554
Quad4	435	3	1	554	579	582	555
Quad4	436	3	1	582	581	556	555
Quad4	437	3	1	556	581	580	557
Quad4	438	3	1	557	580	529	528
Quad4	439	3	1	529	580	559	530
Quad4	440	3	1	580	581	560	559
Quad4	441	3	1	560	581	582	561
Quad4	442	3	1	582	577	562	561
Quad4	443	3	1	562	585	583	563
Quad4	444	3	1	583	586	564	563
Quad4	445	3	1	564	587	566	565
Quad4	446	3	1	576	585	562	577
Quad4	447	3	1	584	587	564	586
Quad4	448	3	1	579	578	577	582
Quad4	449	3	1	568	588	570	569
Quad4	450	3	1	588	589	571	570
Quad4	451	3	1	589	590	572	571
Quad4	452	3	1	572	590	574	573
Quad4	453	3	1	567	591	588	568
Quad4	454	3	1	591	592	589	588

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	266 di 729

Quad4	455	3	1	592	593	590	589
Quad4	456	3	1	590	593	575	574
Quad4	457	3	1	587	591	567	566
Quad4	458	3	1	584	592	591	587
Quad4	459	3	1	586	593	592	584
Quad4	460	3	1	575	593	586	583
Quad4	461	3	1	595	632	631	596
Quad4	462	3	1	638	597	596	631
Quad4	463	3	1	639	648	647	640
Quad4	464	3	1	647	648	605	604
Quad4	465	3	1	646	649	648	639
Quad4	466	3	1	648	649	606	605
Quad4	467	3	1	638	650	598	597
Quad4	468	3	1	650	651	599	598
Quad4	469	3	1	651	652	600	599
Quad4	470	3	1	652	653	601	600
Quad4	471	3	1	653	654	602	601
Quad4	472	3	1	654	655	603	602
Quad4	473	3	1	603	655	647	604
Quad4	474	3	1	655	656	640	647
Quad4	475	3	1	656	657	641	640
Quad4	476	3	1	657	662	642	641
Quad4	477	3	1	642	669	668	643
Quad4	478	3	1	643	668	667	644
Quad4	479	3	1	666	659	645	644
Quad4	480	3	1	659	660	646	645
Quad4	481	3	1	660	661	649	646

Quad4	482	3	1	649	661	607	606
Quad4	483	3	1	662	670	669	642
Quad4	484	3	1	644	667	658	666
Quad4	485	3	1	661	663	608	607
Quad4	486	3	1	608	663	610	609
Quad4	487	3	1	663	664	611	610
Quad4	488	3	1	611	664	665	612
Quad4	489	3	1	666	658	614	613
Quad4	490	3	1	614	658	616	615
Quad4	491	3	1	658	667	617	616
Quad4	492	3	1	667	668	618	617
Quad4	493	3	1	668	669	619	618
Quad4	494	3	1	669	670	620	619
Quad4	495	3	1	670	671	621	620
Quad4	496	3	1	671	672	622	621
Quad4	497	3	1	672	673	623	622
Quad4	498	3	1	673	674	624	623
Quad4	499	3	1	674	675	625	624
Quad4	500	3	1	625	675	683	626
Quad4	501	3	1	683	685	627	626
Quad4	502	3	1	627	685	676	628
Quad4	503	3	1	628	676	677	629
Quad4	504	3	1	677	678	630	629
Quad4	505	3	1	630	678	542	543
Quad4	506	3	1	542	678	679	541
Quad4	507	3	1	541	679	682	540
Quad4	508	3	1	682	681	539	540

Quad4	509	3	1	539	681	680	538
Quad4	510	3	1	538	680	594	537
Quad4	511	3	1	594	680	632	595
Quad4	512	3	1	680	681	633	632
Quad4	513	3	1	633	681	682	634
Quad4	514	3	1	682	677	635	634
Quad4	515	3	1	635	685	683	636
Quad4	516	3	1	683	686	637	636
Quad4	517	3	1	637	687	650	638
Quad4	518	3	1	676	685	635	677
Quad4	519	3	1	684	687	637	686
Quad4	520	3	1	679	678	677	682
Quad4	521	3	1	665	664	660	659
Quad4	522	3	1	660	664	663	661
Quad4	523	3	1	654	688	656	655
Quad4	524	3	1	688	689	657	656
Quad4	525	3	1	689	690	662	657
Quad4	526	3	1	662	690	671	670
Quad4	527	3	1	690	691	672	671
Quad4	528	3	1	691	694	673	672
Quad4	529	3	1	673	694	693	674
Quad4	530	3	1	674	693	692	675
Quad4	531	3	1	692	686	683	675
Quad4	532	3	1	692	693	684	686
Quad4	533	3	1	693	694	695	684
Quad4	534	3	1	650	687	696	651
Quad4	535	3	1	697	652	651	696

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
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Quad4	536	3	1	697	698	653	652
Quad4	537	3	1	653	698	688	654
Quad4	538	3	1	698	699	689	688
Quad4	539	3	1	689	699	691	690
Quad4	540	3	1	691	699	695	694
Quad4	541	3	1	695	699	698	697
Tri3	542	3	1	697	696	695	
Quad4	543	3	1	696	687	684	695
Tri3	544	3	1	666	665	659	
Quad4	545	3	1	612	665	666	613
Quad4	546	3	1	704	724	723	705
Quad4	547	3	1	730	706	705	723
Quad4	548	3	1	730	731	707	706
Quad4	549	3	1	707	731	709	708
Quad4	550	3	1	731	732	710	709
Quad4	551	3	1	710	732	733	711
Quad4	552	3	1	733	734	712	711
Quad4	553	3	1	734	735	713	712
Quad4	554	3	1	713	735	715	714
Quad4	555	3	1	715	735	749	716
Quad4	556	3	1	749	745	717	716
Quad4	557	3	1	745	748	718	717
Quad4	558	3	1	718	748	736	719
Quad4	559	3	1	736	737	720	719
Quad4	560	3	1	720	737	738	721
Quad4	561	3	1	738	739	722	721
Quad4	562	3	1	722	739	614	615

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	270 di 729

Quad4	563	3	1	614	739	754	613
Quad4	564	3	1	754	753	612	613
Quad4	565	3	1	612	753	752	611
Quad4	566	3	1	611	752	740	610
Quad4	567	3	1	610	740	700	609
Quad4	568	3	1	740	741	701	700
Quad4	569	3	1	741	742	702	701
Quad4	570	3	1	742	743	703	702
Quad4	571	3	1	703	743	724	704
Quad4	572	3	1	743	746	725	724
Quad4	573	3	1	725	747	736	726
Quad4	574	3	1	736	748	727	726
Quad4	575	3	1	727	749	733	728
Quad4	576	3	1	733	732	729	728
Quad4	577	3	1	729	732	731	730
Quad4	578	3	1	744	747	725	746
Quad4	579	3	1	727	748	745	749
Quad4	580	3	1	749	735	734	733
Quad4	581	3	1	740	752	751	741
Quad4	582	3	1	741	751	750	742
Quad4	583	3	1	750	746	743	742
Quad4	584	3	1	750	751	744	746
Quad4	585	3	1	752	753	744	751
Quad4	586	3	1	744	753	754	747
Quad4	587	3	1	736	747	754	737
Quad4	588	3	1	754	739	738	737
Quad4	589	3	1	822	828	809	808

Quad4	590	3	1	809	829	824	810
Quad4	591	3	1	824	830	811	810
Quad4	592	3	1	811	887	886	812
Quad4	593	3	1	812	886	831	813
Quad4	594	3	1	813	832	826	806
Quad4	595	3	1	826	833	807	806
Quad4	596	3	1	807	834	822	808
Quad4	597	3	1	823	829	809	828
Quad4	598	3	1	830	888	887	811
Quad4	599	3	1	825	832	813	831
Quad4	600	3	1	827	834	807	833
Quad4	601	3	1	835	841	817	816
Quad4	602	3	1	817	842	837	818
Quad4	603	3	1	837	843	819	818
Quad4	604	3	1	819	880	879	820
Quad4	605	3	1	820	879	844	821
Quad4	606	3	1	821	845	839	814
Quad4	607	3	1	839	846	815	814
Quad4	608	3	1	815	847	835	816
Quad4	609	3	1	836	842	817	841
Quad4	610	3	1	843	881	880	819
Quad4	611	3	1	838	845	821	844
Quad4	612	3	1	840	847	815	846
Quad4	613	3	1	700	848	785	609
Quad4	614	3	1	848	849	786	785
Quad4	615	3	1	849	850	787	786
Quad4	616	3	1	850	851	788	787

Quad4	617	3	1	851	852	789	788
Quad4	618	3	1	789	852	853	790
Quad4	619	3	1	853	854	791	790
Quad4	620	3	1	854	855	792	791
Quad4	621	3	1	855	856	793	792
Quad4	622	3	1	856	857	794	793
Quad4	623	3	1	857	858	795	794
Quad4	624	3	1	858	859	796	795
Quad4	625	3	1	859	860	797	796
Quad4	626	3	1	797	860	861	798
Quad4	627	3	1	861	862	799	798
Quad4	628	3	1	862	863	800	799
Quad4	629	3	1	863	864	801	800
Quad4	630	3	1	864	865	802	801
Quad4	631	3	1	865	866	803	802
Quad4	632	3	1	866	867	804	803
Quad4	633	3	1	867	868	805	804
Quad4	634	3	1	805	868	755	449
Quad4	635	3	1	868	869	756	755
Quad4	636	3	1	869	870	757	756
Quad4	637	3	1	870	871	758	757
Quad4	638	3	1	871	872	759	758
Quad4	639	3	1	872	873	760	759
Quad4	640	3	1	873	874	761	760
Quad4	641	3	1	874	875	762	761
Quad4	642	3	1	762	875	764	763
Quad4	643	3	1	875	876	765	764

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Quad4	644	3	1	876	877	766	765
Quad4	645	3	1	877	878	767	766
Quad4	646	3	1	767	878	838	768
Quad4	647	3	1	838	844	769	768
Quad4	648	3	1	844	879	770	769
Quad4	649	3	1	879	880	771	770
Quad4	650	3	1	880	881	772	771
Quad4	651	3	1	881	882	773	772
Quad4	652	3	1	882	883	774	773
Quad4	653	3	1	883	884	775	774
Quad4	654	3	1	884	885	776	775
Quad4	655	3	1	776	885	825	777
Quad4	656	3	1	825	831	778	777
Quad4	657	3	1	831	886	779	778
Quad4	658	3	1	886	887	780	779
Quad4	659	3	1	887	888	781	780
Quad4	660	3	1	888	889	782	781
Quad4	661	3	1	889	890	783	782
Quad4	662	3	1	890	891	784	783
Quad4	663	3	1	784	891	707	708
Quad4	664	3	1	891	892	706	707
Quad4	665	3	1	892	893	705	706
Quad4	666	3	1	893	894	704	705
Quad4	667	3	1	894	895	703	704
Quad4	668	3	1	895	896	702	703
Quad4	669	3	1	896	897	701	702
Quad4	670	3	1	701	897	848	700

Quad4	671	3	1	867	898	869	868
Quad4	672	3	1	898	899	870	869
Quad4	673	3	1	870	899	900	871
Quad4	674	3	1	901	872	871	900
Quad4	675	3	1	901	902	873	872
Quad4	676	3	1	902	903	874	873
Quad4	677	3	1	874	903	876	875
Quad4	678	3	1	903	904	877	876
Quad4	679	3	1	904	905	878	877
Quad4	680	3	1	878	905	845	838
Quad4	681	3	1	905	906	839	845
Quad4	682	3	1	906	907	846	839
Quad4	683	3	1	907	908	840	846
Quad4	684	3	1	909	910	840	908
Quad4	685	3	1	910	943	847	840
Quad4	686	3	1	847	943	911	835
Quad4	687	3	1	835	911	942	841
Quad4	688	3	1	942	912	836	841
Quad4	689	3	1	912	941	913	836
Quad4	690	3	1	913	914	842	836
Quad4	691	3	1	914	915	837	842
Quad4	692	3	1	915	916	843	837
Quad4	693	3	1	843	916	882	881
Quad4	694	3	1	916	917	883	882
Quad4	695	3	1	917	918	884	883
Quad4	696	3	1	918	919	885	884
Quad4	697	3	1	885	919	832	825

Quad4	698	3	1	919	920	826	832
Quad4	699	3	1	920	921	833	826
Quad4	700	3	1	921	922	827	833
Quad4	701	3	1	923	924	827	922
Quad4	702	3	1	924	939	834	827
Quad4	703	3	1	834	939	925	822
Quad4	704	3	1	925	938	828	822
Quad4	705	3	1	828	938	926	823
Quad4	706	3	1	926	937	927	823
Quad4	707	3	1	927	928	829	823
Quad4	708	3	1	829	928	929	824
Quad4	709	3	1	929	930	830	824
Quad4	710	3	1	830	930	889	888
Quad4	711	3	1	930	931	890	889
Quad4	712	3	1	890	931	892	891
Quad4	713	3	1	892	931	932	893
Quad4	714	3	1	933	894	893	932
Quad4	715	3	1	933	934	895	894
Quad4	716	3	1	934	935	896	895
Quad4	717	3	1	935	936	897	896
Quad4	718	3	1	897	936	849	848
Quad4	719	3	1	936	937	850	849
Quad4	720	3	1	850	937	926	851
Quad4	721	3	1	926	938	852	851
Quad4	722	3	1	852	938	925	853
Quad4	723	3	1	855	939	924	856
Quad4	724	3	1	856	924	923	857

Quad4	725	3	1	857	923	940	858
Quad4	726	3	1	940	941	859	858
Quad4	727	3	1	859	941	912	860
Quad4	728	3	1	860	912	942	861
Quad4	729	3	1	911	943	864	863
Quad4	730	3	1	864	943	910	865
Quad4	731	3	1	865	910	909	866
Quad4	732	3	1	866	909	898	867
Quad4	733	3	1	927	935	934	928
Quad4	734	3	1	927	937	936	935
Quad4	735	3	1	902	944	904	903
Quad4	736	3	1	904	944	906	905
Quad4	737	3	1	906	944	900	907
Quad4	738	3	1	899	908	907	900
Quad4	739	3	1	898	909	908	899
Quad4	740	3	1	900	944	902	901
Quad4	741	3	1	913	941	940	945
Quad4	742	3	1	945	946	914	913
Quad4	743	3	1	946	947	915	914
Quad4	744	3	1	915	947	917	916
Quad4	745	3	1	947	948	918	917
Quad4	746	3	1	918	948	920	919
Quad4	747	3	1	948	949	921	920
Quad4	748	3	1	921	949	950	922
Quad4	749	3	1	950	949	946	945
Quad4	750	3	1	946	949	948	947
Quad4	751	3	1	932	931	930	929

Tri3	752	3	1	942	862	861	
Quad4	753	3	1	942	911	863	862
Tri3	754	3	1	940	950	945	
Quad4	755	3	1	940	923	922	950
Tri3	756	3	1	925	854	853	
Quad4	757	3	1	925	939	855	854
Tri3	758	3	1	929	933	932	
Quad4	759	3	1	928	934	933	929
Quad4	760	3	1	761	970	969	760
Quad4	761	3	1	968	759	760	969
Quad4	762	3	1	968	973	758	759
Quad4	763	3	1	973	974	757	758
Quad4	764	3	1	757	974	975	756
Quad4	765	3	1	975	976	755	756
Quad4	766	3	1	755	976	448	449
Quad4	767	3	1	448	976	996	447
Quad4	768	3	1	996	995	446	447
Quad4	769	3	1	446	995	994	445
Quad4	770	3	1	445	994	977	444
Quad4	771	3	1	444	977	951	443
Quad4	772	3	1	977	978	952	951
Quad4	773	3	1	978	979	953	952
Quad4	774	3	1	953	979	987	954
Quad4	775	3	1	987	989	955	954
Quad4	776	3	1	955	989	980	956
Quad4	777	3	1	956	980	981	957
Quad4	778	3	1	981	982	958	957

Quad4	779	3	1	958	982	960	959
Quad4	780	3	1	960	982	983	961
Quad4	781	3	1	961	983	986	962
Quad4	782	3	1	986	985	963	962
Quad4	783	3	1	963	985	984	964
Quad4	784	3	1	964	984	762	763
Quad4	785	3	1	762	984	970	761
Quad4	786	3	1	984	985	971	970
Quad4	787	3	1	971	985	986	972
Quad4	788	3	1	986	981	965	972
Quad4	789	3	1	965	989	987	966
Quad4	790	3	1	987	990	967	966
Quad4	791	3	1	967	991	973	968
Quad4	792	3	1	980	989	965	981
Quad4	793	3	1	988	991	967	990
Quad4	794	3	1	983	982	981	986
Quad4	795	3	1	977	994	993	978
Quad4	796	3	1	978	993	992	979
Quad4	797	3	1	992	990	987	979
Quad4	798	3	1	992	993	988	990
Quad4	799	3	1	994	995	988	993
Quad4	800	3	1	988	995	996	991
Quad4	801	3	1	973	991	996	974
Quad4	802	3	1	996	976	975	974
Quad4	803	3	1	1000	999	971	972
Quad4	804	3	1	1000	972	965	997
Quad4	805	3	1	1000	997	998	999

Quad4	806	3	1	1002	1001	969	970
Quad4	807	3	1	1002	970	971	999
Quad4	808	3	1	1002	999	998	1001
Quad4	809	3	1	1006	1005	820	821
Quad4	810	3	1	1006	821	814	1003
Quad4	811	3	1	1006	1003	1004	1005
Quad4	812	3	1	1008	1007	818	819
Quad4	813	3	1	1008	819	820	1005
Quad4	814	3	1	1008	1005	1004	1007
Quad4	815	3	1	1012	1011	812	813
Quad4	816	3	1	1012	813	806	1009
Quad4	817	3	1	1012	1009	1010	1011
Quad4	818	3	1	1014	1013	810	811
Quad4	819	3	1	1014	811	812	1011
Quad4	820	3	1	1014	1011	1010	1013
Quad4	821	3	1	1067	1137	1079	1068
Quad4	822	3	1	1068	1080	1074	1069
Quad4	823	3	1	1074	1081	1070	1069
Quad4	824	3	1	1070	1082	1076	1071
Quad4	825	3	1	1076	1083	1072	1071
Quad4	826	3	1	1072	1084	1078	1065
Quad4	827	3	1	1078	1085	1066	1065
Quad4	828	3	1	1066	1138	1137	1067
Quad4	829	3	1	1073	1080	1068	1079
Quad4	830	3	1	1075	1082	1070	1081
Quad4	831	3	1	1077	1084	1072	1083
Quad4	832	3	1	1085	1139	1138	1066

Quad4	833	3	1	1059	1130	1092	1060
Quad4	834	3	1	1060	1093	1087	1061
Quad4	835	3	1	1087	1094	1062	1061
Quad4	836	3	1	1062	1095	1089	1063
Quad4	837	3	1	1089	1096	1064	1063
Quad4	838	3	1	1064	1097	1091	1057
Quad4	839	3	1	1091	1098	1058	1057
Quad4	840	3	1	1058	1131	1130	1059
Quad4	841	3	1	1086	1093	1060	1092
Quad4	842	3	1	1088	1095	1062	1094
Quad4	843	3	1	1090	1097	1064	1096
Quad4	844	3	1	1098	1132	1131	1058
Quad4	845	3	1	382	1099	1015	381
Quad4	846	3	1	1099	1100	1016	1015
Quad4	847	3	1	1100	1101	1017	1016
Quad4	848	3	1	1101	1102	1018	1017
Quad4	849	3	1	1102	1103	1019	1018
Quad4	850	3	1	1103	1104	1020	1019
Quad4	851	3	1	1104	1105	1021	1020
Quad4	852	3	1	1105	1106	1022	1021
Quad4	853	3	1	1106	1107	1023	1022
Quad4	854	3	1	1107	1108	1024	1023
Quad4	855	3	1	1108	1109	1025	1024
Quad4	856	3	1	1109	1110	1026	1025
Quad4	857	3	1	1026	1110	1111	1027
Quad4	858	3	1	1111	1112	1028	1027
Quad4	859	3	1	1112	1113	1029	1028

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Quad4	860	3	1	1113	1114	1030	1029
Quad4	861	3	1	1114	1115	1031	1030
Quad4	862	3	1	1115	1116	1032	1031
Quad4	863	3	1	1116	1117	1033	1032
Quad4	864	3	1	1117	1118	1034	1033
Quad4	865	3	1	1118	1119	1035	1034
Quad4	866	3	1	1035	1119	536	537
Quad4	867	3	1	1119	1120	535	536
Quad4	868	3	1	1120	1121	534	535
Quad4	869	3	1	1121	1122	533	534
Quad4	870	3	1	1122	1123	532	533
Quad4	871	3	1	1123	1124	531	532
Quad4	872	3	1	1124	1125	530	531
Quad4	873	3	1	1125	1126	529	530
Quad4	874	3	1	529	1126	1036	528
Quad4	875	3	1	1126	1127	1037	1036
Quad4	876	3	1	1127	1128	1038	1037
Quad4	877	3	1	1128	1129	1039	1038
Quad4	878	3	1	1039	1129	1086	1040
Quad4	879	3	1	1086	1092	1041	1040
Quad4	880	3	1	1092	1130	1042	1041
Quad4	881	3	1	1130	1131	1043	1042
Quad4	882	3	1	1131	1132	1044	1043
Quad4	883	3	1	1132	1133	1045	1044
Quad4	884	3	1	1133	1134	1046	1045
Quad4	885	3	1	1134	1135	1047	1046
Quad4	886	3	1	1135	1136	1048	1047

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	282 di 729

Quad4	887	3	1	1048	1136	1073	1049
Quad4	888	3	1	1073	1079	1050	1049
Quad4	889	3	1	1079	1137	1051	1050
Quad4	890	3	1	1137	1138	1052	1051
Quad4	891	3	1	1138	1139	1053	1052
Quad4	892	3	1	1139	1140	1054	1053
Quad4	893	3	1	1140	1141	1055	1054
Quad4	894	3	1	1141	1142	1056	1055
Quad4	895	3	1	1056	1142	389	390
Quad4	896	3	1	1142	1143	388	389
Quad4	897	3	1	1143	1144	387	388
Quad4	898	3	1	1144	1145	386	387
Quad4	899	3	1	1145	1146	385	386
Quad4	900	3	1	1146	1147	384	385
Quad4	901	3	1	1147	1148	383	384
Quad4	902	3	1	383	1148	1099	382
Quad4	903	3	1	1125	1149	1127	1126
Quad4	904	3	1	1149	1150	1128	1127
Quad4	905	3	1	1150	1151	1129	1128
Quad4	906	3	1	1129	1151	1093	1086
Quad4	907	3	1	1151	1152	1087	1093
Quad4	908	3	1	1087	1152	1153	1094
Quad4	909	3	1	1088	1094	1153	1194
Quad4	910	3	1	1194	1191	1190	1088
Quad4	911	3	1	1088	1190	1154	1095
Quad4	912	3	1	1154	1189	1089	1095
Quad4	913	3	1	1089	1189	1188	1096

Quad4	914	3	1	1096	1188	1187	1090
Quad4	915	3	1	1187	1186	1155	1090
Quad4	916	3	1	1155	1156	1097	1090
Quad4	917	3	1	1156	1157	1091	1097
Quad4	918	3	1	1157	1158	1098	1091
Quad4	919	3	1	1098	1158	1133	1132
Quad4	920	3	1	1158	1159	1134	1133
Quad4	921	3	1	1159	1160	1135	1134
Quad4	922	3	1	1160	1161	1136	1135
Quad4	923	3	1	1136	1161	1080	1073
Quad4	924	3	1	1161	1162	1074	1080
Quad4	925	3	1	1162	1163	1081	1074
Quad4	926	3	1	1163	1164	1075	1081
Quad4	927	3	1	1164	1201	1200	1075
Quad4	928	3	1	1075	1200	1199	1082
Quad4	929	3	1	1082	1199	1198	1076
Quad4	930	3	1	1076	1198	1197	1083
Quad4	931	3	1	1083	1197	1165	1077
Quad4	932	3	1	1166	1167	1077	1165
Quad4	933	3	1	1167	1168	1084	1077
Quad4	934	3	1	1168	1169	1078	1084
Quad4	935	3	1	1169	1170	1085	1078
Quad4	936	3	1	1085	1170	1140	1139
Quad4	937	3	1	1170	1171	1141	1140
Quad4	938	3	1	1141	1171	1143	1142
Quad4	939	3	1	1171	1172	1144	1143
Quad4	940	3	1	1172	1173	1145	1144

Quad4	941	3	1	1173	1174	1146	1145
Quad4	942	3	1	1174	1175	1147	1146
Quad4	943	3	1	1175	1176	1148	1147
Quad4	944	3	1	1148	1176	1100	1099
Quad4	945	3	1	1176	1177	1101	1100
Quad4	946	3	1	1177	1178	1102	1101
Quad4	947	3	1	1178	1179	1103	1102
Quad4	948	3	1	1179	1180	1104	1103
Quad4	949	3	1	1180	1181	1105	1104
Quad4	950	3	1	1181	1182	1106	1105
Quad4	951	3	1	1182	1183	1107	1106
Quad4	952	3	1	1183	1184	1108	1107
Quad4	953	3	1	1184	1185	1109	1108
Quad4	954	3	1	1185	1186	1110	1109
Quad4	955	3	1	1110	1186	1187	1111
Quad4	956	3	1	1188	1189	1114	1113
Quad4	957	3	1	1114	1189	1154	1115
Quad4	958	3	1	1154	1190	1116	1115
Quad4	959	3	1	1190	1191	1117	1116
Quad4	960	3	1	1191	1192	1118	1117
Quad4	961	3	1	1118	1192	1120	1119
Quad4	962	3	1	1120	1192	1193	1121
Quad4	963	3	1	1194	1122	1121	1193
Quad4	964	3	1	1153	1123	1122	1194
Quad4	965	3	1	1153	1195	1124	1123
Quad4	966	3	1	1124	1195	1149	1125
Quad4	967	3	1	1193	1192	1191	1194

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	285 di 729

Quad4	968	3	1	1149	1195	1196	1150
Quad4	969	3	1	1196	1152	1151	1150
Quad4	970	3	1	1196	1195	1153	1152
Quad4	971	3	1	1166	1177	1176	1175
Quad4	972	3	1	1165	1178	1177	1166
Quad4	973	3	1	1165	1197	1179	1178
Quad4	974	3	1	1197	1198	1180	1179
Quad4	975	3	1	1198	1199	1181	1180
Quad4	976	3	1	1199	1200	1182	1181
Quad4	977	3	1	1200	1201	1183	1182
Quad4	978	3	1	1201	1202	1184	1183
Quad4	979	3	1	1202	1203	1185	1184
Quad4	980	3	1	1185	1203	1155	1186
Quad4	981	3	1	1169	1172	1171	1170
Quad4	982	3	1	1168	1173	1172	1169
Quad4	983	3	1	1167	1174	1173	1168
Quad4	984	3	1	1166	1175	1174	1167
Quad4	985	3	1	1157	1204	1159	1158
Quad4	986	3	1	1204	1205	1160	1159
Quad4	987	3	1	1160	1205	1162	1161
Quad4	988	3	1	1162	1205	1206	1163
Quad4	989	3	1	1207	1202	1201	1164
Quad4	990	3	1	1155	1203	1208	1156
Quad4	991	3	1	1206	1205	1204	1208
Quad4	992	3	1	1208	1204	1157	1156
Quad4	993	3	1	1207	1164	1163	1206
Tri3	994	3	1	1187	1112	1111	

Quad4	995	3	1	1187	1188	1113	1112
Tri3	996	3	1	1208	1207	1206	
Quad4	997	3	1	1208	1203	1202	1207
Quad4	998	3	1	1212	1211	564	565
Quad4	999	3	1	1212	565	558	1209
Quad4	1000	3	1	1212	1209	1210	1211
Quad4	1001	3	1	1214	1213	562	563
Quad4	1002	3	1	1214	563	564	1211
Quad4	1003	3	1	1214	1211	1210	1213
Quad4	1004	3	1	1216	559	560	1215
Quad4	1005	3	1	1216	1215	1210	1209
Quad4	1006	3	1	1216	1209	558	559
Quad4	1007	3	1	1217	1215	560	561
Quad4	1008	3	1	1217	561	562	1213
Quad4	1009	3	1	1217	1213	1210	1215
Quad4	1010	3	1	1221	1220	645	646
Quad4	1011	3	1	1221	646	639	1218
Quad4	1012	3	1	1221	1218	1219	1220
Quad4	1013	3	1	1223	640	641	1222
Quad4	1014	3	1	1223	1222	1219	1218
Quad4	1015	3	1	1223	1218	639	640
Quad4	1016	3	1	1225	1224	643	644
Quad4	1017	3	1	1225	644	645	1220
Quad4	1018	3	1	1225	1220	1219	1224
Quad4	1019	3	1	1226	1222	641	642
Quad4	1020	3	1	1226	642	643	1224
Quad4	1021	3	1	1226	1224	1219	1222

Quad4	1022	3	1	1230	1229	637	638
Quad4	1023	3	1	1230	638	631	1227
Quad4	1024	3	1	1230	1227	1228	1229
Quad4	1025	3	1	1232	1231	635	636
Quad4	1026	3	1	1232	636	637	1229
Quad4	1027	3	1	1232	1229	1228	1231
Quad4	1028	3	1	1234	632	633	1233
Quad4	1029	3	1	1234	1233	1228	1227
Quad4	1030	3	1	1234	1227	631	632
Quad4	1031	3	1	1235	1233	633	634
Quad4	1032	3	1	1235	634	635	1231
Quad4	1033	3	1	1235	1231	1228	1233
Quad4	1034	3	1	1239	1238	471	472
Quad4	1035	3	1	1239	472	465	1236
Quad4	1036	3	1	1239	1236	1237	1238
Quad4	1037	3	1	1241	466	467	1240
Quad4	1038	3	1	1241	1240	1237	1236
Quad4	1039	3	1	1241	1236	465	466
Quad4	1040	3	1	1243	1242	469	470
Quad4	1041	3	1	1243	470	471	1238
Quad4	1042	3	1	1243	1238	1237	1242
Quad4	1043	3	1	1244	1240	467	468
Quad4	1044	3	1	1244	468	469	1242
Quad4	1045	3	1	1244	1242	1237	1240
Quad4	1046	3	1	1248	1247	402	403
Quad4	1047	3	1	1248	403	396	1245
Quad4	1048	3	1	1248	1245	1246	1247

Quad4	1049	3	1	1250	397	398	1249
Quad4	1050	3	1	1250	1249	1246	1245
Quad4	1051	3	1	1250	1245	396	397
Quad4	1052	3	1	1252	1251	400	401
Quad4	1053	3	1	1252	401	402	1247
Quad4	1054	3	1	1252	1247	1246	1251
Quad4	1055	3	1	1253	1249	398	399
Quad4	1056	3	1	1253	399	400	1251
Quad4	1057	3	1	1253	1251	1246	1249
Quad4	1058	3	1	1255	807	808	1254
Quad4	1059	3	1	1255	1254	1010	1009
Quad4	1060	3	1	1255	1009	806	807
Quad4	1061	3	1	1256	1254	808	809
Quad4	1062	3	1	1256	809	810	1013
Quad4	1063	3	1	1256	1013	1010	1254
Quad4	1064	3	1	1260	1259	727	728
Quad4	1065	3	1	1260	728	729	1257
Quad4	1066	3	1	1260	1257	1258	1259
Quad4	1067	3	1	1262	1261	725	726
Quad4	1068	3	1	1262	726	727	1259
Quad4	1069	3	1	1262	1259	1258	1261
Quad4	1070	3	1	1264	1257	729	730
Quad4	1071	3	1	1264	730	723	1263
Quad4	1072	3	1	1264	1263	1258	1257
Quad4	1073	3	1	1265	724	725	1261
Quad4	1074	3	1	1265	1261	1258	1263
Quad4	1075	3	1	1265	1263	723	724

Quad4	1076	3	1	1267	815	816	1266
Quad4	1077	3	1	1267	1266	1004	1003
Quad4	1078	3	1	1267	1003	814	815
Quad4	1079	3	1	1268	1266	816	817
Quad4	1080	3	1	1268	817	818	1007
Quad4	1081	3	1	1268	1007	1004	1266
Quad4	1082	3	1	1275	1274	1269	1270
Quad4	1083	3	1	1275	1270	1271	1272
Quad4	1084	3	1	1275	1272	1273	1274
Quad4	1085	3	1	1279	1278	1276	1277
Quad4	1086	3	1	1279	1277	1269	1274
Quad4	1087	3	1	1279	1274	1273	1278
Quad4	1088	3	1	1283	1272	1271	1280
Quad4	1089	3	1	1283	1280	1281	1282
Quad4	1090	3	1	1283	1282	1273	1272
Quad4	1091	3	1	1285	1284	1276	1278
Quad4	1092	3	1	1285	1278	1273	1282
Quad4	1093	3	1	1285	1282	1281	1284
Quad4	1094	3	1	1292	1291	1286	1287
Quad4	1095	3	1	1292	1287	1288	1289
Quad4	1096	3	1	1292	1289	1290	1291
Quad4	1097	3	1	1296	1295	1293	1294
Quad4	1098	3	1	1296	1294	1286	1291
Quad4	1099	3	1	1296	1291	1290	1295
Quad4	1100	3	1	1300	1289	1288	1297
Quad4	1101	3	1	1300	1297	1298	1299
Quad4	1102	3	1	1300	1299	1290	1289

Quad4	1103	3	1	1302	1301	1293	1295
Quad4	1104	3	1	1302	1295	1290	1299
Quad4	1105	3	1	1302	1299	1298	1301
Quad4	1106	3	1	1304	966	967	1303
Quad4	1107	3	1	1304	1303	998	997
Quad4	1108	3	1	1304	997	965	966
Quad4	1109	3	1	1305	1303	967	968
Quad4	1110	3	1	1305	968	969	1001
Quad4	1111	3	1	1305	1001	998	1303
Quad4	1112	3	1	1309	1308	477	478
Quad4	1113	3	1	1309	478	479	1306
Quad4	1114	3	1	1309	1306	1307	1308
Quad4	1115	3	1	1311	1310	475	476
Quad4	1116	3	1	1311	476	477	1308
Quad4	1117	3	1	1311	1308	1307	1310
Quad4	1118	3	1	1313	1306	479	480
Quad4	1119	3	1	1313	480	473	1312
Quad4	1120	3	1	1313	1312	1307	1306
Quad4	1121	3	1	1314	474	475	1310
Quad4	1122	3	1	1314	1310	1307	1312
Quad4	1123	3	1	1314	1312	473	474
Quad4	1124	3	1	1318	1317	1071	1072
Quad4	1125	3	1	1318	1072	1065	1315
Quad4	1126	3	1	1318	1315	1316	1317
Quad4	1127	3	1	1322	1321	1063	1064
Quad4	1128	3	1	1322	1064	1057	1319
Quad4	1129	3	1	1322	1319	1320	1321

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
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Quad4	1130	3	1	1324	1066	1067	1323
Quad4	1131	3	1	1324	1323	1316	1315
Quad4	1132	3	1	1324	1315	1065	1066
Quad4	1133	3	1	1326	1058	1059	1325
Quad4	1134	3	1	1326	1325	1320	1319
Quad4	1135	3	1	1326	1319	1057	1058
Quad4	1136	3	1	1333	1332	1327	1328
Quad4	1137	3	1	1333	1328	1329	1330
Quad4	1138	3	1	1333	1330	1331	1332
Quad4	1139	3	1	1337	1336	1334	1335
Quad4	1140	3	1	1337	1335	1327	1332
Quad4	1141	3	1	1337	1332	1331	1336
Quad4	1142	3	1	1341	1340	1338	1339
Quad4	1143	3	1	1341	1339	1331	1330
Quad4	1144	3	1	1341	1330	1329	1340
Quad4	1145	3	1	1343	1339	1338	1342
Quad4	1146	3	1	1343	1342	1334	1336
Quad4	1147	3	1	1343	1336	1331	1339
Quad4	1148	3	1	1352	1359	1344	1351
Quad4	1149	3	1	1344	1360	1354	1345
Quad4	1150	3	1	1354	1361	1346	1345
Quad4	1151	3	1	1346	1362	1356	1347
Quad4	1152	3	1	1356	1363	1348	1347
Quad4	1153	3	1	1348	1364	1445	1349
Quad4	1154	3	1	1445	1365	1350	1349
Quad4	1155	3	1	1350	1366	1352	1351
Quad4	1156	3	1	1353	1360	1344	1359

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	292 di 729

Quad4	1157	3	1	1355	1362	1346	1361
Quad4	1158	3	1	1357	1364	1348	1363
Quad4	1159	3	1	1358	1366	1350	1365
Quad4	1160	3	1	1293	1423	1373	1294
Quad4	1161	3	1	1294	1374	1368	1286
Quad4	1162	3	1	1368	1375	1287	1286
Quad4	1163	3	1	1287	1376	1370	1288
Quad4	1164	3	1	1370	1377	1297	1288
Quad4	1165	3	1	1297	1378	1372	1298
Quad4	1166	3	1	1372	1379	1301	1298
Quad4	1167	3	1	1301	1424	1423	1293
Quad4	1168	3	1	1367	1374	1294	1373
Quad4	1169	3	1	1369	1376	1287	1375
Quad4	1170	3	1	1371	1378	1297	1377
Quad4	1171	3	1	1379	1425	1424	1301
Quad4	1172	3	1	1276	1416	1386	1277
Quad4	1173	3	1	1277	1387	1381	1269
Quad4	1174	3	1	1381	1388	1270	1269
Quad4	1175	3	1	1270	1389	1383	1271
Quad4	1176	3	1	1383	1390	1280	1271
Quad4	1177	3	1	1280	1391	1385	1281
Quad4	1178	3	1	1385	1392	1284	1281
Quad4	1179	3	1	1284	1417	1416	1276
Quad4	1180	3	1	1380	1387	1277	1386
Quad4	1181	3	1	1382	1389	1270	1388
Quad4	1182	3	1	1384	1391	1280	1390
Quad4	1183	3	1	1392	1418	1417	1284

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	293 di 729

Quad4	1184	3	1	1338	1576	1575	1342
Quad4	1185	3	1	1342	1573	1572	1334
Quad4	1186	3	1	1334	1572	1571	1335
Quad4	1187	3	1	1335	1450	1393	1327
Quad4	1188	3	1	1393	1396	1328	1327
Quad4	1189	3	1	1328	1397	1395	1329
Quad4	1190	3	1	1340	1577	1576	1338
Quad4	1191	3	1	1342	1575	1574	1573
Quad4	1192	3	1	1335	1571	1451	1450
Quad4	1193	3	1	1394	1397	1328	1396
Quad4	1194	3	1	785	1398	608	609
Quad4	1195	3	1	1398	1399	607	608
Quad4	1196	3	1	1399	1400	606	607
Quad4	1197	3	1	1400	1401	605	606
Quad4	1198	3	1	1401	1402	604	605
Quad4	1199	3	1	1402	1403	603	604
Quad4	1200	3	1	1403	1404	602	603
Quad4	1201	3	1	1404	1405	601	602
Quad4	1202	3	1	1405	1406	600	601
Quad4	1203	3	1	1406	1407	599	600
Quad4	1204	3	1	1407	1408	598	599
Quad4	1205	3	1	1408	1409	597	598
Quad4	1206	3	1	1409	1410	596	597
Quad4	1207	3	1	1410	1411	595	596
Quad4	1208	3	1	1411	1412	594	595
Quad4	1209	3	1	594	1412	1035	537
Quad4	1210	3	1	1412	1413	1034	1035

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	294 di 729

Quad4	1211	3	1	1413	1414	1033	1034
Quad4	1212	3	1	1414	1415	1032	1033
Quad4	1213	3	1	1032	1415	1380	1031
Quad4	1214	3	1	1380	1386	1030	1031
Quad4	1215	3	1	1386	1416	1029	1030
Quad4	1216	3	1	1416	1417	1028	1029
Quad4	1217	3	1	1417	1418	1027	1028
Quad4	1218	3	1	1418	1419	1026	1027
Quad4	1219	3	1	1419	1420	1025	1026
Quad4	1220	3	1	1420	1421	1024	1025
Quad4	1221	3	1	1421	1422	1023	1024
Quad4	1222	3	1	1023	1422	1367	1022
Quad4	1223	3	1	1367	1373	1021	1022
Quad4	1224	3	1	1373	1423	1020	1021
Quad4	1225	3	1	1423	1424	1019	1020
Quad4	1226	3	1	1424	1425	1018	1019
Quad4	1227	3	1	1425	1426	1017	1018
Quad4	1228	3	1	1426	1427	1016	1017
Quad4	1229	3	1	1427	1428	1015	1016
Quad4	1230	3	1	1015	1428	464	381
Quad4	1231	3	1	1428	1429	463	464
Quad4	1232	3	1	1429	1430	462	463
Quad4	1233	3	1	1430	1431	461	462
Quad4	1234	3	1	1431	1432	460	461
Quad4	1235	3	1	1432	1433	459	460
Quad4	1236	3	1	1433	1434	458	459
Quad4	1237	3	1	1434	1435	457	458

Quad4	1238	3	1	1435	1436	456	457
Quad4	1239	3	1	1436	1437	455	456
Quad4	1240	3	1	1437	1438	454	455
Quad4	1241	3	1	1438	1439	453	454
Quad4	1242	3	1	1439	1440	452	453
Quad4	1243	3	1	1440	1441	451	452
Quad4	1244	3	1	1441	1442	450	451
Quad4	1245	3	1	450	1442	805	449
Quad4	1246	3	1	1442	1443	804	805
Quad4	1247	3	1	1443	1444	803	804
Quad4	1248	3	1	803	1444	1352	802
Quad4	1249	3	1	1352	1366	801	802
Quad4	1250	3	1	801	1366	1358	800
Quad4	1251	3	1	1358	1365	799	800
Quad4	1252	3	1	799	1365	1445	798
Quad4	1253	3	1	1445	1446	797	798
Quad4	1254	3	1	1446	1447	796	797
Quad4	1255	3	1	1447	1582	795	796
Quad4	1256	3	1	795	1582	1448	794
Quad4	1257	3	1	1448	1449	793	794
Quad4	1258	3	1	793	1449	1394	792
Quad4	1259	3	1	1394	1396	791	792
Quad4	1260	3	1	791	1396	1393	790
Quad4	1261	3	1	1393	1450	789	790
Quad4	1262	3	1	1450	1451	788	789
Quad4	1263	3	1	1451	1452	787	788
Quad4	1264	3	1	1452	1453	786	787

Quad4	1265	3	1	786	1453	1398	785
Quad4	1266	3	1	1411	1454	1413	1412
Quad4	1267	3	1	1454	1455	1414	1413
Quad4	1268	3	1	1455	1456	1415	1414
Quad4	1269	3	1	1415	1456	1387	1380
Quad4	1270	3	1	1456	1457	1381	1387
Quad4	1271	3	1	1457	1458	1388	1381
Quad4	1272	3	1	1458	1459	1382	1388
Quad4	1273	3	1	1460	1461	1382	1459
Quad4	1274	3	1	1461	1462	1389	1382
Quad4	1275	3	1	1462	1463	1383	1389
Quad4	1276	3	1	1463	1464	1390	1383
Quad4	1277	3	1	1464	1465	1384	1390
Quad4	1278	3	1	1466	1467	1384	1465
Quad4	1279	3	1	1467	1468	1391	1384
Quad4	1280	3	1	1468	1469	1385	1391
Quad4	1281	3	1	1469	1470	1392	1385
Quad4	1282	3	1	1392	1470	1419	1418
Quad4	1283	3	1	1470	1471	1420	1419
Quad4	1284	3	1	1420	1471	1472	1421
Quad4	1285	3	1	1473	1422	1421	1472
Quad4	1286	3	1	1367	1422	1473	1374
Quad4	1287	3	1	1474	1570	1375	1368
Quad4	1288	3	1	1375	1570	1475	1369
Quad4	1289	3	1	1475	1569	1476	1369
Quad4	1290	3	1	1476	1542	1376	1369
Quad4	1291	3	1	1376	1542	1477	1370

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Quad4	1292	3	1	1370	1477	1478	1377
Quad4	1293	3	1	1371	1377	1478	1479
Quad4	1294	3	1	1479	1537	1536	1371
Quad4	1295	3	1	1371	1536	1535	1378
Quad4	1296	3	1	1378	1535	1480	1372
Quad4	1297	3	1	1480	1481	1379	1372
Quad4	1298	3	1	1379	1481	1426	1425
Quad4	1299	3	1	1481	1482	1427	1426
Quad4	1300	3	1	1427	1482	1429	1428
Quad4	1301	3	1	1482	1483	1430	1429
Quad4	1302	3	1	1483	1484	1431	1430
Quad4	1303	3	1	1484	1485	1432	1431
Quad4	1304	3	1	1485	1486	1433	1432
Quad4	1305	3	1	1486	1487	1434	1433
Quad4	1306	3	1	1487	1488	1435	1434
Quad4	1307	3	1	1488	1489	1436	1435
Quad4	1308	3	1	1489	1490	1437	1436
Quad4	1309	3	1	1490	1491	1438	1437
Quad4	1310	3	1	1491	1495	1439	1438
Quad4	1311	3	1	1439	1495	1494	1440
Quad4	1312	3	1	1492	1441	1440	1494
Quad4	1313	3	1	1492	1443	1442	1441
Quad4	1314	3	1	1493	1444	1443	1492
Quad4	1315	3	1	1352	1444	1493	1359
Quad4	1316	3	1	1494	1495	1496	1353
Quad4	1317	3	1	1496	1497	1360	1353
Quad4	1318	3	1	1360	1497	1498	1354

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	298 di 729

Quad4	1319	3	1	1498	1499	1361	1354
Quad4	1320	3	1	1499	1500	1355	1361
Quad4	1321	3	1	1501	1502	1355	1500
Quad4	1322	3	1	1502	1503	1362	1355
Quad4	1323	3	1	1503	1504	1356	1362
Quad4	1324	3	1	1504	1505	1363	1356
Quad4	1325	3	1	1505	1506	1357	1363
Quad4	1326	3	1	1507	1508	1357	1506
Quad4	1327	3	1	1508	1509	1364	1357
Quad4	1328	3	1	1364	1509	1446	1445
Quad4	1329	3	1	1453	1510	1399	1398
Quad4	1330	3	1	1510	1511	1400	1399
Quad4	1331	3	1	1511	1512	1401	1400
Quad4	1332	3	1	1512	1513	1402	1401
Quad4	1333	3	1	1513	1514	1403	1402
Quad4	1334	3	1	1514	1515	1404	1403
Quad4	1335	3	1	1515	1516	1405	1404
Quad4	1336	3	1	1516	1522	1406	1405
Quad4	1337	3	1	1406	1522	1521	1407
Quad4	1338	3	1	1407	1521	1517	1408
Quad4	1339	3	1	1408	1517	1518	1409
Quad4	1340	3	1	1519	1410	1409	1518
Quad4	1341	3	1	1519	1454	1411	1410
Quad4	1342	3	1	1520	1455	1454	1519
Quad4	1343	3	1	1520	1457	1456	1455
Quad4	1344	3	1	1518	1517	1459	1458
Quad4	1345	3	1	1517	1521	1460	1459

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COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	299 di 729

Quad4	1346	3	1	1522	1523	1460	1521
Quad4	1347	3	1	1523	1524	1461	1460
Quad4	1348	3	1	1524	1525	1462	1461
Quad4	1349	3	1	1525	1526	1463	1462
Quad4	1350	3	1	1526	1527	1464	1463
Quad4	1351	3	1	1527	1528	1465	1464
Quad4	1352	3	1	1528	1529	1466	1465
Quad4	1353	3	1	1530	1531	1466	1529
Quad4	1354	3	1	1531	1532	1467	1466
Quad4	1355	3	1	1532	1533	1468	1467
Quad4	1356	3	1	1533	1534	1469	1468
Quad4	1357	3	1	1469	1534	1471	1470
Quad4	1358	3	1	1480	1483	1482	1481
Quad4	1359	3	1	1480	1535	1484	1483
Quad4	1360	3	1	1535	1536	1485	1484
Quad4	1361	3	1	1536	1537	1486	1485
Quad4	1362	3	1	1537	1538	1487	1486
Quad4	1363	3	1	1487	1538	1539	1488
Quad4	1364	3	1	1539	1540	1489	1488
Quad4	1365	3	1	1489	1540	1498	1490
Quad4	1366	3	1	1498	1497	1491	1490
Quad4	1367	3	1	1491	1497	1496	1495
Quad4	1368	3	1	1498	1540	1541	1499
Quad4	1369	3	1	1477	1501	1500	1478
Quad4	1370	3	1	1542	1543	1501	1477
Quad4	1371	3	1	1501	1543	1544	1502
Quad4	1372	3	1	1579	1545	1504	1503

Quad4	1373	3	1	1545	1546	1505	1504
Quad4	1374	3	1	1505	1546	1547	1506
Quad4	1375	3	1	1547	1548	1507	1506
Quad4	1376	3	1	1549	1550	1507	1548
Quad4	1377	3	1	1550	1551	1508	1507
Quad4	1378	3	1	1508	1551	1552	1509
Quad4	1379	3	1	1446	1509	1552	1447
Quad4	1380	3	1	1541	1540	1539	1538
Quad4	1381	3	1	1541	1538	1537	1479
Quad4	1382	3	1	1452	1553	1510	1453
Quad4	1383	3	1	1553	1554	1511	1510
Quad4	1384	3	1	1554	1555	1512	1511
Quad4	1385	3	1	1555	1556	1513	1512
Quad4	1386	3	1	1513	1556	1557	1514
Quad4	1387	3	1	1557	1558	1515	1514
Quad4	1388	3	1	1558	1559	1516	1515
Quad4	1389	3	1	1516	1559	1523	1522
Quad4	1390	3	1	1559	1560	1524	1523
Quad4	1391	3	1	1560	1561	1525	1524
Quad4	1392	3	1	1561	1562	1526	1525
Quad4	1393	3	1	1562	1563	1527	1526
Quad4	1394	3	1	1563	1564	1528	1527
Quad4	1395	3	1	1564	1565	1529	1528
Quad4	1396	3	1	1565	1566	1530	1529
Quad4	1397	3	1	1567	1568	1530	1566
Quad4	1398	3	1	1568	1569	1531	1530
Quad4	1399	3	1	1531	1569	1475	1532

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	301 di 729

Quad4	1400	3	1	1475	1570	1533	1532
Quad4	1401	3	1	1533	1570	1474	1534
Quad4	1402	3	1	1471	1534	1474	1472
Quad4	1403	3	1	1451	1571	1553	1452
Quad4	1404	3	1	1571	1572	1554	1553
Quad4	1405	3	1	1572	1573	1555	1554
Quad4	1406	3	1	1555	1573	1574	1556
Quad4	1407	3	1	1574	1558	1557	1556
Quad4	1408	3	1	1574	1560	1559	1558
Quad4	1409	3	1	1574	1575	1561	1560
Quad4	1410	3	1	1575	1576	1562	1561
Quad4	1411	3	1	1576	1577	1563	1562
Quad4	1412	3	1	1577	1578	1564	1563
Quad4	1413	3	1	1564	1578	1547	1565
Quad4	1414	3	1	1546	1566	1565	1547
Quad4	1415	3	1	1545	1567	1566	1546
Quad4	1416	3	1	1580	1567	1545	1579
Quad4	1417	3	1	1580	1581	1568	1567
Quad4	1418	3	1	1568	1581	1476	1569
Quad4	1419	3	1	1476	1581	1543	1542
Quad4	1420	3	1	1547	1578	1395	1548
Quad4	1421	3	1	1397	1549	1548	1395
Quad4	1422	3	1	1449	1549	1397	1394
Quad4	1423	3	1	1448	1550	1549	1449
Quad4	1424	3	1	1448	1582	1551	1550
Quad4	1425	3	1	1551	1582	1447	1552
Quad4	1426	3	1	1579	1503	1502	1544

Tri3	1427	3	1	1494	1493	1492	
Quad4	1428	3	1	1353	1359	1493	1494
Tri3	1429	3	1	1518	1520	1519	
Quad4	1430	3	1	1518	1458	1457	1520
Tri3	1431	3	1	1478	1541	1479	
Quad4	1432	3	1	1478	1500	1499	1541
Tri3	1433	3	1	1474	1473	1472	
Quad4	1434	3	1	1368	1374	1473	1474
Tri3	1435	3	1	1579	1544	1580	
Quad4	1436	3	1	1543	1581	1580	1544
Tri3	1437	3	1	1329	1395	1340	
Quad4	1438	3	1	1395	1578	1577	1340
Quad4	1439	3	1	1586	1585	1350	1351
Quad4	1440	3	1	1586	1351	1344	1583
Quad4	1441	3	1	1586	1583	1584	1585
Quad4	1442	3	1	1588	1345	1346	1587
Quad4	1443	3	1	1588	1587	1584	1583
Quad4	1444	3	1	1588	1583	1344	1345
Quad4	1445	3	1	1590	1589	1348	1349
Quad4	1446	3	1	1590	1349	1350	1585
Quad4	1447	3	1	1590	1585	1584	1589
Quad4	1448	3	1	1591	1587	1346	1347
Quad4	1449	3	1	1591	1347	1348	1589
Quad4	1450	3	1	1591	1589	1584	1587
Quad4	1451	3	1	1593	1592	1061	1062
Quad4	1452	3	1	1593	1062	1063	1321
Quad4	1453	3	1	1593	1321	1320	1592

Quad4	1454	3	1	1594	1325	1059	1060
Quad4	1455	3	1	1594	1060	1061	1592
Quad4	1456	3	1	1594	1592	1320	1325
Quad4	1457	3	1	1596	1595	1069	1070
Quad4	1458	3	1	1596	1070	1071	1317
Quad4	1459	3	1	1596	1317	1316	1595
Quad4	1460	3	1	1597	1323	1067	1068
Quad4	1461	3	1	1597	1068	1069	1595
Quad4	1462	3	1	1597	1595	1316	1323
Quad4	1463	6	4	1688	1687	449	450
Quad4	1464	6	4	1689	1688	450	451
Quad4	1465	6	4	1690	1689	451	452
Quad4	1466	6	4	1691	1690	452	453
Quad4	1467	6	4	1692	1691	453	454
Quad4	1468	6	4	1693	1692	454	455
Quad4	1469	6	4	1694	1693	455	456
Quad4	1470	6	4	1695	1694	456	457
Quad4	1471	6	4	1696	1695	457	458
Quad4	1472	6	4	1697	1696	458	459
Quad4	1473	6	4	1698	1697	459	460
Quad4	1474	6	4	1699	1698	460	461
Quad4	1475	6	4	1700	1699	461	462
Quad4	1476	6	4	1701	1700	462	463
Quad4	1477	6	4	1702	1701	463	464
Quad4	1478	6	4	1702	464	381	1669
Quad4	1479	6	4	1703	1686	1687	1688
Quad4	1480	6	4	1704	1703	1688	1689

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	304 di 729

Quad4	1481	6	4	1705	1704	1689	1690
Quad4	1482	6	4	1706	1705	1690	1691
Quad4	1483	6	4	1707	1706	1691	1692
Quad4	1484	6	4	1708	1707	1692	1693
Quad4	1485	6	4	1709	1708	1693	1694
Quad4	1486	6	4	1710	1709	1694	1695
Quad4	1487	6	4	1711	1710	1695	1696
Quad4	1488	6	4	1712	1711	1696	1697
Quad4	1489	6	4	1713	1712	1697	1698
Quad4	1490	6	4	1714	1713	1698	1699
Quad4	1491	6	4	1715	1714	1699	1700
Quad4	1492	6	4	1716	1715	1700	1701
Quad4	1493	6	4	1717	1716	1701	1702
Quad4	1494	6	4	1717	1702	1669	1668
Quad4	1495	6	4	1718	1685	1686	1703
Quad4	1496	6	4	1719	1718	1703	1704
Quad4	1497	6	4	1720	1719	1704	1705
Quad4	1498	6	4	1721	1720	1705	1706
Quad4	1499	6	4	1722	1721	1706	1707
Quad4	1500	6	4	1723	1722	1707	1708
Quad4	1501	6	4	1724	1723	1708	1709
Quad4	1502	6	4	1725	1724	1709	1710
Quad4	1503	6	4	1726	1725	1710	1711
Quad4	1504	6	4	1727	1726	1711	1712
Quad4	1505	6	4	1728	1727	1712	1713
Quad4	1506	6	4	1729	1728	1713	1714
Quad4	1507	6	4	1730	1729	1714	1715

Quad4	1508	6	4	1731	1730	1715	1716
Quad4	1509	6	4	1732	1731	1716	1717
Quad4	1510	6	4	1732	1717	1668	1667
Quad4	1511	6	4	1733	1684	1685	1718
Quad4	1512	6	4	1734	1733	1718	1719
Quad4	1513	6	4	1735	1734	1719	1720
Quad4	1514	6	4	1736	1735	1720	1721
Quad4	1515	6	4	1737	1736	1721	1722
Quad4	1516	6	4	1738	1737	1722	1723
Quad4	1517	6	4	1739	1738	1723	1724
Quad4	1518	6	4	1740	1739	1724	1725
Quad4	1519	6	4	1741	1740	1725	1726
Quad4	1520	6	4	1742	1741	1726	1727
Quad4	1521	6	4	1743	1742	1727	1728
Quad4	1522	6	4	1744	1743	1728	1729
Quad4	1523	6	4	1745	1744	1729	1730
Quad4	1524	6	4	1746	1745	1730	1731
Quad4	1525	6	4	1747	1746	1731	1732
Quad4	1526	6	4	1747	1732	1667	1666
Quad4	1527	6	4	1748	1683	1684	1733
Quad4	1528	6	4	1749	1748	1733	1734
Quad4	1529	6	4	1750	1749	1734	1735
Quad4	1530	6	4	1751	1750	1735	1736
Quad4	1531	6	4	1752	1751	1736	1737
Quad4	1532	6	4	1753	1752	1737	1738
Quad4	1533	6	4	1754	1753	1738	1739
Quad4	1534	6	4	1755	1754	1739	1740

Quad4	1535	6	4	1756	1755	1740	1741
Quad4	1536	6	4	1757	1756	1741	1742
Quad4	1537	6	4	1758	1757	1742	1743
Quad4	1538	6	4	1759	1758	1743	1744
Quad4	1539	6	4	1760	1759	1744	1745
Quad4	1540	6	4	1761	1760	1745	1746
Quad4	1541	6	4	1762	1761	1746	1747
Quad4	1542	6	4	1762	1747	1666	1665
Quad4	1543	6	4	1763	1682	1683	1748
Quad4	1544	6	4	1764	1763	1748	1749
Quad4	1545	6	4	1765	1764	1749	1750
Quad4	1546	6	4	1766	1765	1750	1751
Quad4	1547	6	4	1767	1766	1751	1752
Quad4	1548	6	4	1768	1767	1752	1753
Quad4	1549	6	4	1769	1768	1753	1754
Quad4	1550	6	4	1770	1769	1754	1755
Quad4	1551	6	4	1771	1770	1755	1756
Quad4	1552	6	4	1772	1771	1756	1757
Quad4	1553	6	4	1773	1772	1757	1758
Quad4	1554	6	4	1774	1773	1758	1759
Quad4	1555	6	4	1775	1774	1759	1760
Quad4	1556	6	4	1776	1775	1760	1761
Quad4	1557	6	4	1777	1776	1761	1762
Quad4	1558	6	4	1777	1762	1665	1664
Quad4	1559	6	4	1778	1681	1682	1763
Quad4	1560	6	4	1779	1778	1763	1764
Quad4	1561	6	4	1780	1779	1764	1765

Quad4	1562	6	4	1781	1780	1765	1766
Quad4	1563	6	4	1782	1781	1766	1767
Quad4	1564	6	4	1783	1782	1767	1768
Quad4	1565	6	4	1784	1783	1768	1769
Quad4	1566	6	4	1785	1784	1769	1770
Quad4	1567	6	4	1786	1785	1770	1771
Quad4	1568	6	4	1787	1786	1771	1772
Quad4	1569	6	4	1788	1787	1772	1773
Quad4	1570	6	4	1789	1788	1773	1774
Quad4	1571	6	4	1790	1789	1774	1775
Quad4	1572	6	4	1791	1790	1775	1776
Quad4	1573	6	4	1792	1791	1776	1777
Quad4	1574	6	4	1792	1777	1664	1663
Quad4	1575	6	4	1793	1680	1681	1778
Quad4	1576	6	4	1794	1793	1778	1779
Quad4	1577	6	4	1795	1794	1779	1780
Quad4	1578	6	4	1796	1795	1780	1781
Quad4	1579	6	4	1797	1796	1781	1782
Quad4	1580	6	4	1798	1797	1782	1783
Quad4	1581	6	4	1799	1798	1783	1784
Quad4	1582	6	4	1800	1799	1784	1785
Quad4	1583	6	4	1801	1800	1785	1786
Quad4	1584	6	4	1802	1801	1786	1787
Quad4	1585	6	4	1803	1802	1787	1788
Quad4	1586	6	4	1804	1803	1788	1789
Quad4	1587	6	4	1805	1804	1789	1790
Quad4	1588	6	4	1806	1805	1790	1791

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	308 di 729

Quad4	1589	6	4	1807	1806	1791	1792
Quad4	1590	6	4	1807	1792	1663	1662
Quad4	1591	6	4	1808	1679	1680	1793
Quad4	1592	6	4	1809	1808	1793	1794
Quad4	1593	6	4	1810	1809	1794	1795
Quad4	1594	6	4	1811	1810	1795	1796
Quad4	1595	6	4	1812	1811	1796	1797
Quad4	1596	6	4	1813	1812	1797	1798
Quad4	1597	6	4	1814	1813	1798	1799
Quad4	1598	6	4	1815	1814	1799	1800
Quad4	1599	6	4	1816	1815	1800	1801
Quad4	1600	6	4	1817	1816	1801	1802
Quad4	1601	6	4	1818	1817	1802	1803
Quad4	1602	6	4	1819	1818	1803	1804
Quad4	1603	6	4	1820	1819	1804	1805
Quad4	1604	6	4	1821	1820	1805	1806
Quad4	1605	6	4	1822	1821	1806	1807
Quad4	1606	6	4	1822	1807	1662	1661
Quad4	1607	6	4	1823	1678	1679	1808
Quad4	1608	6	4	1824	1823	1808	1809
Quad4	1609	6	4	1825	1824	1809	1810
Quad4	1610	6	4	1826	1825	1810	1811
Quad4	1611	6	4	1827	1826	1811	1812
Quad4	1612	6	4	1828	1827	1812	1813
Quad4	1613	6	4	1829	1828	1813	1814
Quad4	1614	6	4	1830	1829	1814	1815
Quad4	1615	6	4	1831	1830	1815	1816

Quad4	1616	6	4	1832	1831	1816	1817
Quad4	1617	6	4	1833	1832	1817	1818
Quad4	1618	6	4	1834	1833	1818	1819
Quad4	1619	6	4	1835	1834	1819	1820
Quad4	1620	6	4	1836	1835	1820	1821
Quad4	1621	6	4	1837	1836	1821	1822
Quad4	1622	6	4	1837	1822	1661	1660
Quad4	1623	6	4	1838	1677	1678	1823
Quad4	1624	6	4	1839	1838	1823	1824
Quad4	1625	6	4	1840	1839	1824	1825
Quad4	1626	6	4	1841	1840	1825	1826
Quad4	1627	6	4	1842	1841	1826	1827
Quad4	1628	6	4	1843	1842	1827	1828
Quad4	1629	6	4	1844	1843	1828	1829
Quad4	1630	6	4	1845	1844	1829	1830
Quad4	1631	6	4	1846	1845	1830	1831
Quad4	1632	6	4	1847	1846	1831	1832
Quad4	1633	6	4	1848	1847	1832	1833
Quad4	1634	6	4	1849	1848	1833	1834
Quad4	1635	6	4	1850	1849	1834	1835
Quad4	1636	6	4	1851	1850	1835	1836
Quad4	1637	6	4	1852	1851	1836	1837
Quad4	1638	6	4	1852	1837	1660	1659
Quad4	1639	6	4	1853	1676	1677	1838
Quad4	1640	6	4	1854	1853	1838	1839
Quad4	1641	6	4	1855	1854	1839	1840
Quad4	1642	6	4	1856	1855	1840	1841

Quad4	1643	6	4	1857	1856	1841	1842
Quad4	1644	6	4	1858	1857	1842	1843
Quad4	1645	6	4	1859	1858	1843	1844
Quad4	1646	6	4	1860	1859	1844	1845
Quad4	1647	6	4	1861	1860	1845	1846
Quad4	1648	6	4	1862	1861	1846	1847
Quad4	1649	6	4	1863	1862	1847	1848
Quad4	1650	6	4	1864	1863	1848	1849
Quad4	1651	6	4	1865	1864	1849	1850
Quad4	1652	6	4	1866	1865	1850	1851
Quad4	1653	6	4	1867	1866	1851	1852
Quad4	1654	6	4	1867	1852	1659	1658
Quad4	1655	6	4	1868	1675	1676	1853
Quad4	1656	6	4	1869	1868	1853	1854
Quad4	1657	6	4	1870	1869	1854	1855
Quad4	1658	6	4	1871	1870	1855	1856
Quad4	1659	6	4	1872	1871	1856	1857
Quad4	1660	6	4	1873	1872	1857	1858
Quad4	1661	6	4	1874	1873	1858	1859
Quad4	1662	6	4	1875	1874	1859	1860
Quad4	1663	6	4	1876	1875	1860	1861
Quad4	1664	6	4	1877	1876	1861	1862
Quad4	1665	6	4	1878	1877	1862	1863
Quad4	1666	6	4	1879	1878	1863	1864
Quad4	1667	6	4	1880	1879	1864	1865
Quad4	1668	6	4	1881	1880	1865	1866
Quad4	1669	6	4	1882	1881	1866	1867

Quad4	1670	6	4	1882	1867	1658	1657
Quad4	1671	6	4	1883	1674	1675	1868
Quad4	1672	6	4	1884	1883	1868	1869
Quad4	1673	6	4	1885	1884	1869	1870
Quad4	1674	6	4	1886	1885	1870	1871
Quad4	1675	6	4	1887	1886	1871	1872
Quad4	1676	6	4	1888	1887	1872	1873
Quad4	1677	6	4	1889	1888	1873	1874
Quad4	1678	6	4	1890	1889	1874	1875
Quad4	1679	6	4	1891	1890	1875	1876
Quad4	1680	6	4	1892	1891	1876	1877
Quad4	1681	6	4	1893	1892	1877	1878
Quad4	1682	6	4	1894	1893	1878	1879
Quad4	1683	6	4	1895	1894	1879	1880
Quad4	1684	6	4	1896	1895	1880	1881
Quad4	1685	6	4	1897	1896	1881	1882
Quad4	1686	6	4	1897	1882	1657	1656
Quad4	1687	6	4	1898	1673	1674	1883
Quad4	1688	6	4	1899	1898	1883	1884
Quad4	1689	6	4	1900	1899	1884	1885
Quad4	1690	6	4	1901	1900	1885	1886
Quad4	1691	6	4	1902	1901	1886	1887
Quad4	1692	6	4	1903	1902	1887	1888
Quad4	1693	6	4	1904	1903	1888	1889
Quad4	1694	6	4	1905	1904	1889	1890
Quad4	1695	6	4	1906	1905	1890	1891
Quad4	1696	6	4	1907	1906	1891	1892

Quad4	1697	6	4	1908	1907	1892	1893
Quad4	1698	6	4	1909	1908	1893	1894
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Quad4	2746	6	4	2845	2844	2836	2837
Quad4	2747	6	4	2846	2845	2837	2838
Quad4	2748	6	4	2847	2846	2838	2839
Quad4	2749	6	4	2847	2839	1625	1624

Quad4	2750	6	4	2848	1659	1660	2840
Quad4	2751	6	4	2849	2848	2840	2841
Quad4	2752	6	4	2850	2849	2841	2842
Quad4	2753	6	4	2851	2850	2842	2843
Quad4	2754	6	4	2852	2851	2843	2844
Quad4	2755	6	4	2853	2852	2844	2845
Quad4	2756	6	4	2854	2853	2845	2846
Quad4	2757	6	4	2855	2854	2846	2847
Quad4	2758	6	4	2855	2847	1624	1623
Quad4	2759	6	4	2856	1658	1659	2848
Quad4	2760	6	4	2857	2856	2848	2849
Quad4	2761	6	4	2858	2857	2849	2850
Quad4	2762	6	4	2859	2858	2850	2851
Quad4	2763	6	4	2860	2859	2851	2852
Quad4	2764	6	4	2861	2860	2852	2853
Quad4	2765	6	4	2862	2861	2853	2854
Quad4	2766	6	4	2863	2862	2854	2855
Quad4	2767	6	4	2863	2855	1623	1622
Quad4	2768	6	4	2864	1657	1658	2856
Quad4	2769	6	4	2865	2864	2856	2857
Quad4	2770	6	4	2866	2865	2857	2858
Quad4	2771	6	4	2867	2866	2858	2859
Quad4	2772	6	4	2868	2867	2859	2860
Quad4	2773	6	4	2869	2868	2860	2861
Quad4	2774	6	4	2870	2869	2861	2862
Quad4	2775	6	4	2871	2870	2862	2863
Quad4	2776	6	4	2871	2863	1622	1621

Quad4	2777	6	4	2872	1656	1657	2864
Quad4	2778	6	4	2873	2872	2864	2865
Quad4	2779	6	4	2874	2873	2865	2866
Quad4	2780	6	4	2875	2874	2866	2867
Quad4	2781	6	4	2876	2875	2867	2868
Quad4	2782	6	4	2877	2876	2868	2869
Quad4	2783	6	4	2878	2877	2869	2870
Quad4	2784	6	4	2879	2878	2870	2871
Quad4	2785	6	4	2879	2871	1621	1620
Quad4	2786	6	4	2880	1655	1656	2872
Quad4	2787	6	4	2881	2880	2872	2873
Quad4	2788	6	4	2882	2881	2873	2874
Quad4	2789	6	4	2883	2882	2874	2875
Quad4	2790	6	4	2884	2883	2875	2876
Quad4	2791	6	4	2885	2884	2876	2877
Quad4	2792	6	4	2886	2885	2877	2878
Quad4	2793	6	4	2887	2886	2878	2879
Quad4	2794	6	4	2887	2879	1620	1619
Quad4	2795	6	4	2888	1654	1655	2880
Quad4	2796	6	4	2889	2888	2880	2881
Quad4	2797	6	4	2890	2889	2881	2882
Quad4	2798	6	4	2891	2890	2882	2883
Quad4	2799	6	4	2892	2891	2883	2884
Quad4	2800	6	4	2893	2892	2884	2885
Quad4	2801	6	4	2894	2893	2885	2886
Quad4	2802	6	4	2895	2894	2886	2887
Quad4	2803	6	4	2895	2887	1619	1618

Quad4	2804	6	4	2896	1653	1654	2888
Quad4	2805	6	4	2897	2896	2888	2889
Quad4	2806	6	4	2898	2897	2889	2890
Quad4	2807	6	4	2899	2898	2890	2891
Quad4	2808	6	4	2900	2899	2891	2892
Quad4	2809	6	4	2901	2900	2892	2893
Quad4	2810	6	4	2902	2901	2893	2894
Quad4	2811	6	4	2903	2902	2894	2895
Quad4	2812	6	4	2903	2895	1618	1617
Quad4	2813	6	4	2904	1652	1653	2896
Quad4	2814	6	4	2905	2904	2896	2897
Quad4	2815	6	4	2906	2905	2897	2898
Quad4	2816	6	4	2907	2906	2898	2899
Quad4	2817	6	4	2908	2907	2899	2900
Quad4	2818	6	4	2909	2908	2900	2901
Quad4	2819	6	4	2910	2909	2901	2902
Quad4	2820	6	4	2911	2910	2902	2903
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Quad4	2822	6	4	2904	321	17	1652
Quad4	2823	6	4	2905	322	321	2904
Quad4	2824	6	4	2906	323	322	2905
Quad4	2825	6	4	2907	324	323	2906
Quad4	2826	6	4	2908	325	324	2907
Quad4	2827	6	4	2909	326	325	2908
Quad4	2828	6	4	2910	327	326	2909
Quad4	2829	6	4	2911	328	327	2910
Quad4	2830	6	4	2911	1616	329	328

/ _____

/ RIGID LINKS

RigidLink	1	2336	2928	XYZ
RigidLink	1	2341	2929	XYZ
RigidLink	1	2345	2930	XYZ
RigidLink	1	2350	2931	XYZ

/ _____

/ NODE RESTRAINTS (ROTATION AS RADIAN)

/ Freedom Case 1

NdFreedom	2	2912	1	DZ
NdFreedom	2	2913	1	DZ
NdFreedom	2	2914	1	DZ
NdFreedom	2	2915	1	DZ
NdFreedom	2	2916	1	DZ
NdFreedom	2	2917	1	DZ
NdFreedom	2	2918	1	DZ
NdFreedom	2	2919	1	DZ
NdFreedom	2	2920	1	DZ
NdFreedom	2	2921	1	DZ
NdFreedom	2	2922	1	DZ
NdFreedom	2	2923	1	DZ
NdFreedom	2	2924	1	DZ
NdFreedom	2	2925	1	DZ
NdFreedom	2	2926	1	DZ

NdFreedom 2 2927 1 DZ

/

/

/ PLATE FACE PRESSURES

/ SPINTA STATICA

PlPressure	7	1	1.41645000000000E+1
PlPressure	7	2	1.41645000000000E+1
PlPressure	7	3	1.41645000000000E+1
PlPressure	7	4	1.41645000000000E+1
PlPressure	7	5	1.41645000000000E+1
PlPressure	7	6	1.41645000000000E+1
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PlPressure	7	8	1.41645000000000E+1
PlPressure	7	9	1.41645000000000E+1
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PlPressure	7	20	1.01175000000000E+1
PlPressure	7	21	1.01175000000000E+1

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PIPressure	7	24	1.01175000000000E+1
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PIPressure	7	47	6.07050000000000E+0
PIPressure	7	48	6.07050000000000E+0

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PIPressure	7	73	1.41645000000088E+1
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PIPressure	7	101	1.01175000000226E+1
PIPressure	7	102	1.01175000000203E+1

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PIPressure	7	104	1.01175000000075E+1
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PIPressure	7	107	1.01174999999818E+1
PIPressure	7	108	1.01174999999911E+1
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PIPressure	7	111	6.07050000002266E+0
PIPressure	7	112	6.07050000002834E+0
PIPressure	7	113	6.07050000003117E+0
PIPressure	7	114	6.07050000003238E+0
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PIPressure	7	126	6.07050000001052E+0
PIPressure	7	127	6.07049999999534E+0
PIPressure	7	128	6.07049999998037E+0
PIPressure	7	129	6.07049999997451E+0

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PIPressure	7	132	2.02350000001316E+0
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PIPressure	7	134	2.02350000002469E+0
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PIPressure	7	145	2.02350000002692E+0
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PIPressure	7	147	2.02350000001944E+0
PIPressure	7	148	2.02350000001032E+0
PIPressure	7	149	2.02349999999697E+0
PIPressure	7	150	2.02349999998361E+0
PIPressure	7	151	2.02349999997835E+0
PIPressure	7	152	2.02349999998948E+0
PIPressure	7	153	1.41645000000000E+1
PIPressure	7	154	1.41645000000000E+1
PIPressure	7	155	1.41645000000000E+1
PIPressure	7	156	1.41645000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	361 di 729

PIPressure	7	157	1.41645000000000E+1
PIPressure	7	158	1.41645000000000E+1
PIPressure	7	159	1.41645000000000E+1
PIPressure	7	160	1.41645000000000E+1
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PIPressure	7	166	1.41645000000000E+1
PIPressure	7	167	1.41645000000000E+1
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PIPressure	7	172	1.01175000000000E+1
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PIPressure	7	184	1.01175000000000E+1
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PIPressure	7	207	2.02350000000000E+0
PIPressure	7	208	2.02350000000000E+0
PIPressure	7	209	2.02350000000000E+0
PIPressure	7	210	2.02350000000000E+0

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PIPressure	7	212	2.02350000000000E+0
PIPressure	7	213	2.02350000000000E+0
PIPressure	7	214	2.02350000000000E+0
PIPressure	7	215	2.02350000000000E+0
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PIPressure	7	235	6.07050000000000E+0
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PIPressure	7	272	6.07050000000000E+0
PIPressure	7	273	6.07050000000000E+0
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PIPressure	7	281	2.02350000000000E+0
PIPressure	7	282	2.02350000000000E+0
PIPressure	7	283	2.02350000000000E+0
PIPressure	7	284	2.02350000000000E+0
PIPressure	7	285	2.02350000000000E+0
PIPressure	7	286	2.02350000000000E+0
PIPressure	7	287	2.02350000000000E+0
PIPressure	7	288	2.02350000000000E+0
PIPressure	7	1463	9.10575000000000E+1
PIPressure	7	1464	9.10575000000000E+1
PIPressure	7	1465	9.10575000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	366 di 729

PIPressure	7	1466	9.10575000000000E+1
PIPressure	7	1467	9.10575000000000E+1
PIPressure	7	1468	9.10575000000000E+1
PIPressure	7	1469	9.10575000000000E+1
PIPressure	7	1470	9.10575000000000E+1
PIPressure	7	1471	9.10575000000000E+1
PIPressure	7	1472	9.10575000000000E+1
PIPressure	7	1473	9.10575000000000E+1
PIPressure	7	1474	9.10575000000000E+1
PIPressure	7	1475	9.10575000000000E+1
PIPressure	7	1476	9.10575000000000E+1
PIPressure	7	1477	9.10575000000000E+1
PIPressure	7	1478	9.10575000000000E+1
PIPressure	7	1479	8.70105000000000E+1
PIPressure	7	1480	8.70105000000000E+1
PIPressure	7	1481	8.70105000000000E+1
PIPressure	7	1482	8.70105000000000E+1
PIPressure	7	1483	8.70105000000000E+1
PIPressure	7	1484	8.70105000000000E+1
PIPressure	7	1485	8.70105000000000E+1
PIPressure	7	1486	8.70105000000000E+1
PIPressure	7	1487	8.70105000000000E+1
PIPressure	7	1488	8.70105000000000E+1
PIPressure	7	1489	8.70105000000000E+1
PIPressure	7	1490	8.70105000000000E+1
PIPressure	7	1491	8.70105000000000E+1
PIPressure	7	1492	8.70105000000000E+1

PIPressure	7	1493	8.70105000000000E+1
PIPressure	7	1494	8.70105000000000E+1
PIPressure	7	1495	8.29635000000000E+1
PIPressure	7	1496	8.29635000000000E+1
PIPressure	7	1497	8.29635000000000E+1
PIPressure	7	1498	8.29635000000000E+1
PIPressure	7	1499	8.29635000000000E+1
PIPressure	7	1500	8.29635000000000E+1
PIPressure	7	1501	8.29635000000000E+1
PIPressure	7	1502	8.29635000000000E+1
PIPressure	7	1503	8.29635000000000E+1
PIPressure	7	1504	8.29635000000000E+1
PIPressure	7	1505	8.29635000000000E+1
PIPressure	7	1506	8.29635000000000E+1
PIPressure	7	1507	8.29635000000000E+1
PIPressure	7	1508	8.29635000000000E+1
PIPressure	7	1509	8.29635000000000E+1
PIPressure	7	1510	8.29635000000000E+1
PIPressure	7	1511	7.89165000000000E+1
PIPressure	7	1512	7.89165000000000E+1
PIPressure	7	1513	7.89165000000000E+1
PIPressure	7	1514	7.89165000000000E+1
PIPressure	7	1515	7.89165000000000E+1
PIPressure	7	1516	7.89165000000000E+1
PIPressure	7	1517	7.89165000000000E+1
PIPressure	7	1518	7.89165000000000E+1
PIPressure	7	1519	7.89165000000000E+1

PIPressure	7	1520	7.89165000000000E+1
PIPressure	7	1521	7.89165000000000E+1
PIPressure	7	1522	7.89165000000000E+1
PIPressure	7	1523	7.89165000000000E+1
PIPressure	7	1524	7.89165000000000E+1
PIPressure	7	1525	7.89165000000000E+1
PIPressure	7	1526	7.89165000000000E+1
PIPressure	7	1527	7.48695000000000E+1
PIPressure	7	1528	7.48695000000000E+1
PIPressure	7	1529	7.48695000000000E+1
PIPressure	7	1530	7.48695000000000E+1
PIPressure	7	1531	7.48695000000000E+1
PIPressure	7	1532	7.48695000000000E+1
PIPressure	7	1533	7.48695000000000E+1
PIPressure	7	1534	7.48695000000000E+1
PIPressure	7	1535	7.48695000000000E+1
PIPressure	7	1536	7.48695000000000E+1
PIPressure	7	1537	7.48695000000000E+1
PIPressure	7	1538	7.48695000000000E+1
PIPressure	7	1539	7.48695000000000E+1
PIPressure	7	1540	7.48695000000000E+1
PIPressure	7	1541	7.48695000000000E+1
PIPressure	7	1542	7.48695000000000E+1
PIPressure	7	1543	7.08225000000000E+1
PIPressure	7	1544	7.08225000000000E+1
PIPressure	7	1545	7.08225000000000E+1
PIPressure	7	1546	7.08225000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	369 di 729

PIPressure	7	1547	7.08225000000000E+1
PIPressure	7	1548	7.08225000000000E+1
PIPressure	7	1549	7.08225000000000E+1
PIPressure	7	1550	7.08225000000000E+1
PIPressure	7	1551	7.08225000000000E+1
PIPressure	7	1552	7.08225000000000E+1
PIPressure	7	1553	7.08225000000000E+1
PIPressure	7	1554	7.08225000000000E+1
PIPressure	7	1555	7.08225000000000E+1
PIPressure	7	1556	7.08225000000000E+1
PIPressure	7	1557	7.08225000000000E+1
PIPressure	7	1558	7.08225000000000E+1
PIPressure	7	1559	6.67755000000000E+1
PIPressure	7	1560	6.67755000000000E+1
PIPressure	7	1561	6.67755000000000E+1
PIPressure	7	1562	6.67755000000000E+1
PIPressure	7	1563	6.67755000000000E+1
PIPressure	7	1564	6.67755000000000E+1
PIPressure	7	1565	6.67755000000000E+1
PIPressure	7	1566	6.67755000000000E+1
PIPressure	7	1567	6.67755000000000E+1
PIPressure	7	1568	6.67755000000000E+1
PIPressure	7	1569	6.67755000000000E+1
PIPressure	7	1570	6.67755000000000E+1
PIPressure	7	1571	6.67755000000000E+1
PIPressure	7	1572	6.67755000000000E+1
PIPressure	7	1573	6.67755000000000E+1

PIPressure	7	1574	6.677550000000000E+1
PIPressure	7	1575	6.272850000000000E+1
PIPressure	7	1576	6.272850000000000E+1
PIPressure	7	1577	6.272850000000000E+1
PIPressure	7	1578	6.272850000000000E+1
PIPressure	7	1579	6.272850000000000E+1
PIPressure	7	1580	6.272850000000000E+1
PIPressure	7	1581	6.272850000000000E+1
PIPressure	7	1582	6.272850000000000E+1
PIPressure	7	1583	6.272850000000000E+1
PIPressure	7	1584	6.272850000000000E+1
PIPressure	7	1585	6.272850000000000E+1
PIPressure	7	1586	6.272850000000000E+1
PIPressure	7	1587	6.272850000000000E+1
PIPressure	7	1588	6.272850000000000E+1
PIPressure	7	1589	6.272850000000000E+1
PIPressure	7	1590	6.272850000000000E+1
PIPressure	7	1591	5.868150000000000E+1
PIPressure	7	1592	5.868150000000000E+1
PIPressure	7	1593	5.868150000000000E+1
PIPressure	7	1594	5.868150000000000E+1
PIPressure	7	1595	5.868150000000000E+1
PIPressure	7	1596	5.868150000000000E+1
PIPressure	7	1597	5.868150000000000E+1
PIPressure	7	1598	5.868150000000000E+1
PIPressure	7	1599	5.868150000000000E+1
PIPressure	7	1600	5.868150000000000E+1

PIPressure	7	1601	5.868150000000000E+1
PIPressure	7	1602	5.868150000000000E+1
PIPressure	7	1603	5.868150000000000E+1
PIPressure	7	1604	5.868150000000000E+1
PIPressure	7	1605	5.868150000000000E+1
PIPressure	7	1606	5.868150000000000E+1
PIPressure	7	1607	5.463450000000000E+1
PIPressure	7	1608	5.463450000000000E+1
PIPressure	7	1609	5.463450000000000E+1
PIPressure	7	1610	5.463450000000000E+1
PIPressure	7	1611	5.463450000000000E+1
PIPressure	7	1612	5.463450000000000E+1
PIPressure	7	1613	5.463450000000000E+1
PIPressure	7	1614	5.463450000000000E+1
PIPressure	7	1615	5.463450000000000E+1
PIPressure	7	1616	5.463450000000000E+1
PIPressure	7	1617	5.463450000000000E+1
PIPressure	7	1618	5.463450000000000E+1
PIPressure	7	1619	5.463450000000000E+1
PIPressure	7	1620	5.463450000000000E+1
PIPressure	7	1621	5.463450000000000E+1
PIPressure	7	1622	5.463450000000000E+1
PIPressure	7	1623	5.058750000000000E+1
PIPressure	7	1624	5.058750000000000E+1
PIPressure	7	1625	5.058750000000000E+1
PIPressure	7	1626	5.058750000000000E+1
PIPressure	7	1627	5.058750000000000E+1

PIPressure	7	1628	5.058750000000000E+1
PIPressure	7	1629	5.058750000000000E+1
PIPressure	7	1630	5.058750000000000E+1
PIPressure	7	1631	5.058750000000000E+1
PIPressure	7	1632	5.058750000000000E+1
PIPressure	7	1633	5.058750000000000E+1
PIPressure	7	1634	5.058750000000000E+1
PIPressure	7	1635	5.058750000000000E+1
PIPressure	7	1636	5.058750000000000E+1
PIPressure	7	1637	5.058750000000000E+1
PIPressure	7	1638	5.058750000000000E+1
PIPressure	7	1639	4.654050000000000E+1
PIPressure	7	1640	4.654050000000000E+1
PIPressure	7	1641	4.654050000000000E+1
PIPressure	7	1642	4.654050000000000E+1
PIPressure	7	1643	4.654050000000000E+1
PIPressure	7	1644	4.654050000000000E+1
PIPressure	7	1645	4.654050000000000E+1
PIPressure	7	1646	4.654050000000000E+1
PIPressure	7	1647	4.654050000000000E+1
PIPressure	7	1648	4.654050000000000E+1
PIPressure	7	1649	4.654050000000000E+1
PIPressure	7	1650	4.654050000000000E+1
PIPressure	7	1651	4.654050000000000E+1
PIPressure	7	1652	4.654050000000000E+1
PIPressure	7	1653	4.654050000000000E+1
PIPressure	7	1654	4.654050000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	373 di 729

PIPressure	7	1655	4.24935000000000E+1
PIPressure	7	1656	4.24935000000000E+1
PIPressure	7	1657	4.24935000000000E+1
PIPressure	7	1658	4.24935000000000E+1
PIPressure	7	1659	4.24935000000000E+1
PIPressure	7	1660	4.24935000000000E+1
PIPressure	7	1661	4.24935000000000E+1
PIPressure	7	1662	4.24935000000000E+1
PIPressure	7	1663	4.24935000000000E+1
PIPressure	7	1664	4.24935000000000E+1
PIPressure	7	1665	4.24935000000000E+1
PIPressure	7	1666	4.24935000000000E+1
PIPressure	7	1667	4.24935000000000E+1
PIPressure	7	1668	4.24935000000000E+1
PIPressure	7	1669	4.24935000000000E+1
PIPressure	7	1670	4.24935000000000E+1
PIPressure	7	1671	3.84465000000000E+1
PIPressure	7	1672	3.84465000000000E+1
PIPressure	7	1673	3.84465000000000E+1
PIPressure	7	1674	3.84465000000000E+1
PIPressure	7	1675	3.84465000000000E+1
PIPressure	7	1676	3.84465000000000E+1
PIPressure	7	1677	3.84465000000000E+1
PIPressure	7	1678	3.84465000000000E+1
PIPressure	7	1679	3.84465000000000E+1
PIPressure	7	1680	3.84465000000000E+1
PIPressure	7	1681	3.84465000000000E+1

PIPressure	7	1682	3.84465000000000E+1
PIPressure	7	1683	3.84465000000000E+1
PIPressure	7	1684	3.84465000000000E+1
PIPressure	7	1685	3.84465000000000E+1
PIPressure	7	1686	3.84465000000000E+1
PIPressure	7	1687	3.43995000000000E+1
PIPressure	7	1688	3.43995000000000E+1
PIPressure	7	1689	3.43995000000000E+1
PIPressure	7	1690	3.43995000000000E+1
PIPressure	7	1691	3.43995000000000E+1
PIPressure	7	1692	3.43995000000000E+1
PIPressure	7	1693	3.43995000000000E+1
PIPressure	7	1694	3.43995000000000E+1
PIPressure	7	1695	3.43995000000000E+1
PIPressure	7	1696	3.43995000000000E+1
PIPressure	7	1697	3.43995000000000E+1
PIPressure	7	1698	3.43995000000000E+1
PIPressure	7	1699	3.43995000000000E+1
PIPressure	7	1700	3.43995000000000E+1
PIPressure	7	1701	3.43995000000000E+1
PIPressure	7	1702	3.43995000000000E+1
PIPressure	7	1703	3.03525000000000E+1
PIPressure	7	1704	3.03525000000000E+1
PIPressure	7	1705	3.03525000000000E+1
PIPressure	7	1706	3.03525000000000E+1
PIPressure	7	1707	3.03525000000000E+1
PIPressure	7	1708	3.03525000000000E+1

PIPressure	7	1709	3.03525000000000E+1
PIPressure	7	1710	3.03525000000000E+1
PIPressure	7	1711	3.03525000000000E+1
PIPressure	7	1712	3.03525000000000E+1
PIPressure	7	1713	3.03525000000000E+1
PIPressure	7	1714	3.03525000000000E+1
PIPressure	7	1715	3.03525000000000E+1
PIPressure	7	1716	3.03525000000000E+1
PIPressure	7	1717	3.03525000000000E+1
PIPressure	7	1718	3.03525000000000E+1
PIPressure	7	1719	2.63055000000000E+1
PIPressure	7	1720	2.63055000000000E+1
PIPressure	7	1721	2.63055000000000E+1
PIPressure	7	1722	2.63055000000000E+1
PIPressure	7	1723	2.63055000000000E+1
PIPressure	7	1724	2.63055000000000E+1
PIPressure	7	1725	2.63055000000000E+1
PIPressure	7	1726	2.63055000000000E+1
PIPressure	7	1727	2.63055000000000E+1
PIPressure	7	1728	2.63055000000000E+1
PIPressure	7	1729	2.63055000000000E+1
PIPressure	7	1730	2.63055000000000E+1
PIPressure	7	1731	2.63055000000000E+1
PIPressure	7	1732	2.63055000000000E+1
PIPressure	7	1733	2.63055000000000E+1
PIPressure	7	1734	2.63055000000000E+1
PIPressure	7	1735	2.22585000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	376 di 729

PIPressure	7	1736	2.22585000000000E+1
PIPressure	7	1737	2.22585000000000E+1
PIPressure	7	1738	2.22585000000000E+1
PIPressure	7	1739	2.22585000000000E+1
PIPressure	7	1740	2.22585000000000E+1
PIPressure	7	1741	2.22585000000000E+1
PIPressure	7	1742	2.22585000000000E+1
PIPressure	7	1743	2.22585000000000E+1
PIPressure	7	1744	2.22585000000000E+1
PIPressure	7	1745	2.22585000000000E+1
PIPressure	7	1746	2.22585000000000E+1
PIPressure	7	1747	2.22585000000000E+1
PIPressure	7	1748	2.22585000000000E+1
PIPressure	7	1749	2.22585000000000E+1
PIPressure	7	1750	2.22585000000000E+1
PIPressure	7	1751	1.82115000000000E+1
PIPressure	7	1752	1.82115000000000E+1
PIPressure	7	1753	1.82115000000000E+1
PIPressure	7	1754	1.82115000000000E+1
PIPressure	7	1755	1.82115000000000E+1
PIPressure	7	1756	1.82115000000000E+1
PIPressure	7	1757	1.82115000000000E+1
PIPressure	7	1758	1.82115000000000E+1
PIPressure	7	1759	1.82115000000000E+1
PIPressure	7	1760	1.82115000000000E+1
PIPressure	7	1761	1.82115000000000E+1
PIPressure	7	1762	1.82115000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	377 di 729

PIPressure	7	1763	1.82115000000000E+1
PIPressure	7	1764	1.82115000000000E+1
PIPressure	7	1765	1.82115000000000E+1
PIPressure	7	1766	1.82115000000000E+1
PIPressure	7	1767	9.10575000000000E+1
PIPressure	7	1768	9.10575000000001E+1
PIPressure	7	1769	9.10575000000000E+1
PIPressure	7	1770	9.10574999999996E+1
PIPressure	7	1771	9.10574999999993E+1
PIPressure	7	1772	9.10574999999992E+1
PIPressure	7	1773	9.10574999999993E+1
PIPressure	7	1774	9.10574999999994E+1
PIPressure	7	1775	9.10574999999995E+1
PIPressure	7	1776	9.10574999999995E+1
PIPressure	7	1777	9.10574999999995E+1
PIPressure	7	1778	9.10574999999995E+1
PIPressure	7	1779	9.10574999999995E+1
PIPressure	7	1780	9.10574999999995E+1
PIPressure	7	1781	9.10574999999995E+1
PIPressure	7	1782	9.10574999999995E+1
PIPressure	7	1783	9.10574999999995E+1
PIPressure	7	1784	9.10574999999995E+1
PIPressure	7	1785	9.10574999999996E+1
PIPressure	7	1786	9.10574999999996E+1
PIPressure	7	1787	9.10574999999998E+1
PIPressure	7	1788	9.10574999999999E+1
PIPressure	7	1789	8.70105000000002E+1

PIPressure	7	1790	8.70105000000004E+1
PIPressure	7	1791	8.70105000000001E+1
PIPressure	7	1792	8.70104999999990E+1
PIPressure	7	1793	8.70104999999982E+1
PIPressure	7	1794	8.70104999999980E+1
PIPressure	7	1795	8.70104999999982E+1
PIPressure	7	1796	8.70104999999984E+1
PIPressure	7	1797	8.70104999999985E+1
PIPressure	7	1798	8.70104999999986E+1
PIPressure	7	1799	8.70104999999986E+1
PIPressure	7	1800	8.70104999999986E+1
PIPressure	7	1801	8.70104999999986E+1
PIPressure	7	1802	8.70104999999986E+1
PIPressure	7	1803	8.70104999999986E+1
PIPressure	7	1804	8.70104999999986E+1
PIPressure	7	1805	8.70104999999986E+1
PIPressure	7	1806	8.70104999999987E+1
PIPressure	7	1807	8.70104999999988E+1
PIPressure	7	1808	8.70104999999990E+1
PIPressure	7	1809	8.70104999999993E+1
PIPressure	7	1810	8.70104999999998E+1
PIPressure	7	1811	8.29635000000005E+1
PIPressure	7	1812	8.29635000000011E+1
PIPressure	7	1813	8.29635000000007E+1
PIPressure	7	1814	8.29634999999994E+1
PIPressure	7	1815	8.29634999999984E+1
PIPressure	7	1816	8.29634999999980E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	379 di 729

PIPressure	7	1817	8.29634999999980E+1
PIPressure	7	1818	8.29634999999980E+1
PIPressure	7	1819	8.29634999999979E+1
PIPressure	7	1820	8.29634999999979E+1
PIPressure	7	1821	8.29634999999979E+1
PIPressure	7	1822	8.29634999999979E+1
PIPressure	7	1823	8.29634999999979E+1
PIPressure	7	1824	8.29634999999979E+1
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PIPressure	7	1827	8.29634999999979E+1
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PIPressure	7	1830	8.29634999999985E+1
PIPressure	7	1831	8.29634999999989E+1
PIPressure	7	1832	8.29634999999996E+1
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PIPressure	7	1836	7.89165000000012E+1
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PIPressure	7	1841	7.89164999999979E+1
PIPressure	7	1842	7.89164999999977E+1
PIPressure	7	1843	7.89164999999975E+1

PIPressure	7	1844	7.89164999999974E+1
PIPressure	7	1845	7.89164999999974E+1
PIPressure	7	1846	7.89164999999974E+1
PIPressure	7	1847	7.89164999999974E+1
PIPressure	7	1848	7.89164999999974E+1
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PIPressure	7	1850	7.89164999999975E+1
PIPressure	7	1851	7.89164999999977E+1
PIPressure	7	1852	7.89164999999981E+1
PIPressure	7	1853	7.89164999999987E+1
PIPressure	7	1854	7.89164999999995E+1
PIPressure	7	1855	7.48695000000012E+1
PIPressure	7	1856	7.48695000000032E+1
PIPressure	7	1857	7.48695000000040E+1
PIPressure	7	1858	7.48695000000035E+1
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PIPressure	7	1864	7.48694999999976E+1
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PIPressure	7	1866	7.48694999999972E+1
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PIPressure	7	1868	7.48694999999971E+1
PIPressure	7	1869	7.48694999999971E+1
PIPressure	7	1870	7.48694999999971E+1

PIPressure	7	1871	7.48694999999971E+1
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PIPressure	7	1873	7.48694999999975E+1
PIPressure	7	1874	7.48694999999979E+1
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PIPressure	7	1887	7.08224999999974E+1
PIPressure	7	1888	7.08224999999971E+1
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PIPressure	7	1895	7.08224999999973E+1
PIPressure	7	1896	7.08224999999977E+1
PIPressure	7	1897	7.08224999999984E+1

PIPressure	7	1898	7.08224999999994E+1
PIPressure	7	1899	6.67755000000016E+1
PIPressure	7	1900	6.67755000000044E+1
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PIPressure	7	1902	6.67755000000061E+1
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PIPressure	7	1906	6.67754999999998E+1
PIPressure	7	1907	6.67754999999986E+1
PIPressure	7	1908	6.67754999999979E+1
PIPressure	7	1909	6.67754999999974E+1
PIPressure	7	1910	6.67754999999971E+1
PIPressure	7	1911	6.67754999999970E+1
PIPressure	7	1912	6.67754999999969E+1
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PIPressure	7	1914	6.67754999999969E+1
PIPressure	7	1915	6.67754999999969E+1
PIPressure	7	1916	6.67754999999970E+1
PIPressure	7	1917	6.67754999999973E+1
PIPressure	7	1918	6.67754999999977E+1
PIPressure	7	1919	6.67754999999984E+1
PIPressure	7	1920	6.67754999999994E+1
PIPressure	7	1921	6.27285000000016E+1
PIPressure	7	1922	6.27285000000045E+1
PIPressure	7	1923	6.27285000000063E+1
PIPressure	7	1924	6.27285000000066E+1

PIPressure	7	1925	6.27285000000054E+1
PIPressure	7	1926	6.27285000000036E+1
PIPressure	7	1927	6.27285000000016E+1
PIPressure	7	1928	6.27285000000000E+1
PIPressure	7	1929	6.27284999999988E+1
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PIPressure	7	1934	6.27284999999969E+1
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PIPressure	7	1945	5.86815000000064E+1
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PIPressure	7	1948	5.86815000000037E+1
PIPressure	7	1949	5.86815000000017E+1
PIPressure	7	1950	5.86815000000001E+1
PIPressure	7	1951	5.86814999999988E+1

PIPressure	7	1952	5.86814999999980E+1
PIPressure	7	1953	5.86814999999974E+1
PIPressure	7	1954	5.86814999999971E+1
PIPressure	7	1955	5.86814999999970E+1
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PIPressure	7	1959	5.86814999999969E+1
PIPressure	7	1960	5.86814999999970E+1
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PIPressure	7	1967	5.46345000000062E+1
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PIPressure	7	1970	5.46345000000036E+1
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PIPressure	7	1974	5.46344999999980E+1
PIPressure	7	1975	5.46344999999974E+1
PIPressure	7	1976	5.46344999999971E+1
PIPressure	7	1977	5.46344999999970E+1
PIPressure	7	1978	5.46344999999969E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	385 di 729

PIPressure	7	1979	5.46344999999968E+1
PIPressure	7	1980	5.46344999999968E+1
PIPressure	7	1981	5.46344999999969E+1
PIPressure	7	1982	5.46344999999970E+1
PIPressure	7	1983	5.46344999999972E+1
PIPressure	7	1984	5.46344999999976E+1
PIPressure	7	1985	5.46344999999983E+1
PIPressure	7	1986	5.46344999999994E+1
PIPressure	7	1987	5.05875000000015E+1
PIPressure	7	1988	5.05875000000043E+1
PIPressure	7	1989	5.05875000000061E+1
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PIPressure	7	1997	5.05874999999974E+1
PIPressure	7	1998	5.05874999999971E+1
PIPressure	7	1999	5.05874999999970E+1
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PIPressure	7	2002	5.05874999999968E+1
PIPressure	7	2003	5.05874999999969E+1
PIPressure	7	2004	5.05874999999970E+1
PIPressure	7	2005	5.05874999999972E+1

PIPressure	7	2006	5.05874999999976E+1
PIPressure	7	2007	5.05874999999983E+1
PIPressure	7	2008	5.05874999999994E+1
PIPressure	7	2009	4.65405000000015E+1
PIPressure	7	2010	4.65405000000042E+1
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PIPressure	7	2014	4.65405000000031E+1
PIPressure	7	2015	4.65405000000014E+1
PIPressure	7	2016	4.65404999999998E+1
PIPressure	7	2017	4.65404999999987E+1
PIPressure	7	2018	4.65404999999979E+1
PIPressure	7	2019	4.65404999999974E+1
PIPressure	7	2020	4.65404999999971E+1
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PIPressure	7	2022	4.65404999999969E+1
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PIPressure	7	2027	4.65404999999972E+1
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PIPressure	7	2029	4.65404999999983E+1
PIPressure	7	2030	4.65404999999994E+1
PIPressure	7	2031	4.24935000000014E+1
PIPressure	7	2032	4.24935000000040E+1

PIPressure	7	2033	4.24935000000056E+1
PIPressure	7	2034	4.24935000000057E+1
PIPressure	7	2035	4.24935000000045E+1
PIPressure	7	2036	4.24935000000028E+1
PIPressure	7	2037	4.24935000000011E+1
PIPressure	7	2038	4.24934999999997E+1
PIPressure	7	2039	4.24934999999986E+1
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PIPressure	7	2050	4.24934999999977E+1
PIPressure	7	2051	4.24934999999984E+1
PIPressure	7	2052	4.24934999999994E+1
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PIPressure	7	2057	3.84465000000042E+1
PIPressure	7	2058	3.84465000000025E+1
PIPressure	7	2059	3.84465000000009E+1

PIPressure	7	2060	3.844649999999996E+1
PIPressure	7	2061	3.844649999999985E+1
PIPressure	7	2062	3.844649999999979E+1
PIPressure	7	2063	3.844649999999974E+1
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PIPressure	7	2066	3.844649999999969E+1
PIPressure	7	2067	3.844649999999969E+1
PIPressure	7	2068	3.844649999999969E+1
PIPressure	7	2069	3.844649999999969E+1
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PIPressure	7	2072	3.844649999999977E+1
PIPressure	7	2073	3.844649999999984E+1
PIPressure	7	2074	3.844649999999994E+1
PIPressure	7	2075	3.439950000000013E+1
PIPressure	7	2076	3.439950000000036E+1
PIPressure	7	2077	3.439950000000050E+1
PIPressure	7	2078	3.439950000000049E+1
PIPressure	7	2079	3.439950000000038E+1
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PIPressure	7	2082	3.439949999999994E+1
PIPressure	7	2083	3.439949999999985E+1
PIPressure	7	2084	3.439949999999979E+1
PIPressure	7	2085	3.439949999999975E+1
PIPressure	7	2086	3.439949999999972E+1

PIPressure	7	2087	3.43994999999971E+1
PIPressure	7	2088	3.43994999999970E+1
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PIPressure	7	2090	3.43994999999970E+1
PIPressure	7	2091	3.43994999999970E+1
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PIPressure	7	2093	3.43994999999974E+1
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PIPressure	7	2107	3.03524999999977E+1
PIPressure	7	2108	3.03524999999974E+1
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PIPressure	7	2110	3.03524999999973E+1
PIPressure	7	2111	3.03524999999973E+1
PIPressure	7	2112	3.03524999999973E+1
PIPressure	7	2113	3.03524999999973E+1

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PIPressure	7	2115	3.03524999999976E+1
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PIPressure	7	2118	3.03524999999995E+1
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PIPressure	7	2120	2.63055000000028E+1
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PIPressure	7	2122	2.63055000000036E+1
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PIPressure	7	2135	2.63054999999977E+1
PIPressure	7	2136	2.63054999999978E+1
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PIPressure	7	2138	2.63054999999982E+1
PIPressure	7	2139	2.63054999999987E+1
PIPressure	7	2140	2.63054999999995E+1

PIPressure	7	2141	2.22585000000007E+1
PIPressure	7	2142	2.22585000000019E+1
PIPressure	7	2143	2.22585000000026E+1
PIPressure	7	2144	2.22585000000025E+1
PIPressure	7	2145	2.22585000000018E+1
PIPressure	7	2146	2.22585000000010E+1
PIPressure	7	2147	2.22585000000002E+1
PIPressure	7	2148	2.22584999999995E+1
PIPressure	7	2149	2.22584999999991E+1
PIPressure	7	2150	2.22584999999988E+1
PIPressure	7	2151	2.22584999999986E+1
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PIPressure	7	2159	2.22584999999985E+1
PIPressure	7	2160	2.22584999999987E+1
PIPressure	7	2161	2.22584999999991E+1
PIPressure	7	2162	2.22584999999997E+1
PIPressure	7	2163	1.82115000000003E+1
PIPressure	7	2164	1.82115000000007E+1
PIPressure	7	2165	1.82115000000010E+1
PIPressure	7	2166	1.82115000000009E+1
PIPressure	7	2167	1.82115000000006E+1

PIPressure	7	2168	1.82115000000003E+1
PIPressure	7	2169	1.82115000000000E+1
PIPressure	7	2170	1.82114999999998E+1
PIPressure	7	2171	1.82114999999997E+1
PIPressure	7	2172	1.82114999999996E+1
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PIPressure	7	2176	1.82114999999994E+1
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PIPressure	7	2180	1.82114999999994E+1
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PIPressure	7	2182	1.82114999999995E+1
PIPressure	7	2183	1.82114999999997E+1
PIPressure	7	2184	1.82114999999999E+1
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PIPressure	7	2186	9.10575000000000E+1
PIPressure	7	2187	9.10575000000000E+1
PIPressure	7	2188	9.10575000000000E+1
PIPressure	7	2189	9.10575000000000E+1
PIPressure	7	2190	9.10575000000000E+1
PIPressure	7	2191	9.10575000000000E+1
PIPressure	7	2192	9.10575000000000E+1
PIPressure	7	2193	9.10575000000000E+1
PIPressure	7	2194	9.10575000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	393 di 729

PIPressure	7	2195	9.10575000000000E+1
PIPressure	7	2196	9.10575000000000E+1
PIPressure	7	2197	9.10575000000000E+1
PIPressure	7	2198	9.10575000000000E+1
PIPressure	7	2199	9.10575000000000E+1
PIPressure	7	2200	9.10575000000000E+1
PIPressure	7	2201	8.70105000000000E+1
PIPressure	7	2202	8.70105000000000E+1
PIPressure	7	2203	8.70105000000000E+1
PIPressure	7	2204	8.70105000000000E+1
PIPressure	7	2205	8.70105000000000E+1
PIPressure	7	2206	8.70105000000000E+1
PIPressure	7	2207	8.70105000000000E+1
PIPressure	7	2208	8.70105000000000E+1
PIPressure	7	2209	8.70105000000000E+1
PIPressure	7	2210	8.70105000000000E+1
PIPressure	7	2211	8.70105000000000E+1
PIPressure	7	2212	8.70105000000000E+1
PIPressure	7	2213	8.70105000000000E+1
PIPressure	7	2214	8.70105000000000E+1
PIPressure	7	2215	8.70105000000000E+1
PIPressure	7	2216	8.70105000000000E+1
PIPressure	7	2217	8.29635000000000E+1
PIPressure	7	2218	8.29635000000000E+1
PIPressure	7	2219	8.29635000000000E+1
PIPressure	7	2220	8.29635000000000E+1
PIPressure	7	2221	8.29635000000000E+1

PIPressure	7	2222	8.29635000000000E+1
PIPressure	7	2223	8.29635000000000E+1
PIPressure	7	2224	8.29635000000000E+1
PIPressure	7	2225	8.29635000000000E+1
PIPressure	7	2226	8.29635000000000E+1
PIPressure	7	2227	8.29635000000000E+1
PIPressure	7	2228	8.29635000000000E+1
PIPressure	7	2229	8.29635000000000E+1
PIPressure	7	2230	8.29635000000000E+1
PIPressure	7	2231	8.29635000000000E+1
PIPressure	7	2232	8.29635000000000E+1
PIPressure	7	2233	7.89165000000000E+1
PIPressure	7	2234	7.89165000000000E+1
PIPressure	7	2235	7.89165000000000E+1
PIPressure	7	2236	7.89165000000000E+1
PIPressure	7	2237	7.89165000000000E+1
PIPressure	7	2238	7.89165000000000E+1
PIPressure	7	2239	7.89165000000000E+1
PIPressure	7	2240	7.89165000000000E+1
PIPressure	7	2241	7.89165000000000E+1
PIPressure	7	2242	7.89165000000000E+1
PIPressure	7	2243	7.89165000000000E+1
PIPressure	7	2244	7.89165000000000E+1
PIPressure	7	2245	7.89165000000000E+1
PIPressure	7	2246	7.89165000000000E+1
PIPressure	7	2247	7.89165000000000E+1
PIPressure	7	2248	7.89165000000000E+1

PIPressure	7	2249	7.48695000000000E+1
PIPressure	7	2250	7.48695000000000E+1
PIPressure	7	2251	7.48695000000000E+1
PIPressure	7	2252	7.48695000000000E+1
PIPressure	7	2253	7.48695000000000E+1
PIPressure	7	2254	7.48695000000000E+1
PIPressure	7	2255	7.48695000000000E+1
PIPressure	7	2256	7.48695000000000E+1
PIPressure	7	2257	7.48695000000000E+1
PIPressure	7	2258	7.48695000000000E+1
PIPressure	7	2259	7.48695000000000E+1
PIPressure	7	2260	7.48695000000000E+1
PIPressure	7	2261	7.48695000000000E+1
PIPressure	7	2262	7.48695000000000E+1
PIPressure	7	2263	7.48695000000000E+1
PIPressure	7	2264	7.48695000000000E+1
PIPressure	7	2265	7.08225000000000E+1
PIPressure	7	2266	7.08225000000000E+1
PIPressure	7	2267	7.08225000000000E+1
PIPressure	7	2268	7.08225000000000E+1
PIPressure	7	2269	7.08225000000000E+1
PIPressure	7	2270	7.08225000000000E+1
PIPressure	7	2271	7.08225000000000E+1
PIPressure	7	2272	7.08225000000000E+1
PIPressure	7	2273	7.08225000000000E+1
PIPressure	7	2274	7.08225000000000E+1
PIPressure	7	2275	7.08225000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	396 di 729

PIPressure	7	2276	7.08225000000000E+1
PIPressure	7	2277	7.08225000000000E+1
PIPressure	7	2278	7.08225000000000E+1
PIPressure	7	2279	7.08225000000000E+1
PIPressure	7	2280	7.08225000000000E+1
PIPressure	7	2281	6.67755000000000E+1
PIPressure	7	2282	6.67755000000000E+1
PIPressure	7	2283	6.67755000000000E+1
PIPressure	7	2284	6.67755000000000E+1
PIPressure	7	2285	6.67755000000000E+1
PIPressure	7	2286	6.67755000000000E+1
PIPressure	7	2287	6.67755000000000E+1
PIPressure	7	2288	6.67755000000000E+1
PIPressure	7	2289	6.67755000000000E+1
PIPressure	7	2290	6.67755000000000E+1
PIPressure	7	2291	6.67755000000000E+1
PIPressure	7	2292	6.67755000000000E+1
PIPressure	7	2293	6.67755000000000E+1
PIPressure	7	2294	6.67755000000000E+1
PIPressure	7	2295	6.67755000000000E+1
PIPressure	7	2296	6.67755000000000E+1
PIPressure	7	2297	6.27285000000000E+1
PIPressure	7	2298	6.27285000000000E+1
PIPressure	7	2299	6.27285000000000E+1
PIPressure	7	2300	6.27285000000000E+1
PIPressure	7	2301	6.27285000000000E+1
PIPressure	7	2302	6.27285000000000E+1

PIPressure	7	2303	6.27285000000000E+1
PIPressure	7	2304	6.27285000000000E+1
PIPressure	7	2305	6.27285000000000E+1
PIPressure	7	2306	6.27285000000000E+1
PIPressure	7	2307	6.27285000000000E+1
PIPressure	7	2308	6.27285000000000E+1
PIPressure	7	2309	6.27285000000000E+1
PIPressure	7	2310	6.27285000000000E+1
PIPressure	7	2311	6.27285000000000E+1
PIPressure	7	2312	6.27285000000000E+1
PIPressure	7	2313	5.86815000000000E+1
PIPressure	7	2314	5.86815000000000E+1
PIPressure	7	2315	5.86815000000000E+1
PIPressure	7	2316	5.86815000000000E+1
PIPressure	7	2317	5.86815000000000E+1
PIPressure	7	2318	5.86815000000000E+1
PIPressure	7	2319	5.86815000000000E+1
PIPressure	7	2320	5.86815000000000E+1
PIPressure	7	2321	5.86815000000000E+1
PIPressure	7	2322	5.86815000000000E+1
PIPressure	7	2323	5.86815000000000E+1
PIPressure	7	2324	5.86815000000000E+1
PIPressure	7	2325	5.86815000000000E+1
PIPressure	7	2326	5.86815000000000E+1
PIPressure	7	2327	5.86815000000000E+1
PIPressure	7	2328	5.86815000000000E+1
PIPressure	7	2329	5.46345000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	398 di 729

PIPressure	7	2330	5.46345000000000E+1
PIPressure	7	2331	5.46345000000000E+1
PIPressure	7	2332	5.46345000000000E+1
PIPressure	7	2333	5.46345000000000E+1
PIPressure	7	2334	5.46345000000000E+1
PIPressure	7	2335	5.46345000000000E+1
PIPressure	7	2336	5.46345000000000E+1
PIPressure	7	2337	5.46345000000000E+1
PIPressure	7	2338	5.46345000000000E+1
PIPressure	7	2339	5.46345000000000E+1
PIPressure	7	2340	5.46345000000000E+1
PIPressure	7	2341	5.46345000000000E+1
PIPressure	7	2342	5.46345000000000E+1
PIPressure	7	2343	5.46345000000000E+1
PIPressure	7	2344	5.46345000000000E+1
PIPressure	7	2345	5.05875000000000E+1
PIPressure	7	2346	5.05875000000000E+1
PIPressure	7	2347	5.05875000000000E+1
PIPressure	7	2348	5.05875000000000E+1
PIPressure	7	2349	5.05875000000000E+1
PIPressure	7	2350	5.05875000000000E+1
PIPressure	7	2351	5.05875000000000E+1
PIPressure	7	2352	5.05875000000000E+1
PIPressure	7	2353	5.05875000000000E+1
PIPressure	7	2354	5.05875000000000E+1
PIPressure	7	2355	5.05875000000000E+1
PIPressure	7	2356	5.05875000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	399 di 729

PIPressure	7	2357	5.058750000000000E+1
PIPressure	7	2358	5.058750000000000E+1
PIPressure	7	2359	5.058750000000000E+1
PIPressure	7	2360	5.058750000000000E+1
PIPressure	7	2361	4.654050000000000E+1
PIPressure	7	2362	4.654050000000000E+1
PIPressure	7	2363	4.654050000000000E+1
PIPressure	7	2364	4.654050000000000E+1
PIPressure	7	2365	4.654050000000000E+1
PIPressure	7	2366	4.654050000000000E+1
PIPressure	7	2367	4.654050000000000E+1
PIPressure	7	2368	4.654050000000000E+1
PIPressure	7	2369	4.654050000000000E+1
PIPressure	7	2370	4.654050000000000E+1
PIPressure	7	2371	4.654050000000000E+1
PIPressure	7	2372	4.654050000000000E+1
PIPressure	7	2373	4.654050000000000E+1
PIPressure	7	2374	4.654050000000000E+1
PIPressure	7	2375	4.654050000000000E+1
PIPressure	7	2376	4.654050000000000E+1
PIPressure	7	2377	4.249350000000000E+1
PIPressure	7	2378	4.249350000000000E+1
PIPressure	7	2379	4.249350000000000E+1
PIPressure	7	2380	4.249350000000000E+1
PIPressure	7	2381	4.249350000000000E+1
PIPressure	7	2382	4.249350000000000E+1
PIPressure	7	2383	4.249350000000000E+1

PIPressure	7	2384	4.24935000000000E+1
PIPressure	7	2385	4.24935000000000E+1
PIPressure	7	2386	4.24935000000000E+1
PIPressure	7	2387	4.24935000000000E+1
PIPressure	7	2388	4.24935000000000E+1
PIPressure	7	2389	4.24935000000000E+1
PIPressure	7	2390	4.24935000000000E+1
PIPressure	7	2391	4.24935000000000E+1
PIPressure	7	2392	4.24935000000000E+1
PIPressure	7	2393	3.84465000000000E+1
PIPressure	7	2394	3.84465000000000E+1
PIPressure	7	2395	3.84465000000000E+1
PIPressure	7	2396	3.84465000000000E+1
PIPressure	7	2397	3.84465000000000E+1
PIPressure	7	2398	3.84465000000000E+1
PIPressure	7	2399	3.84465000000000E+1
PIPressure	7	2400	3.84465000000000E+1
PIPressure	7	2401	3.84465000000000E+1
PIPressure	7	2402	3.84465000000000E+1
PIPressure	7	2403	3.84465000000000E+1
PIPressure	7	2404	3.84465000000000E+1
PIPressure	7	2405	3.84465000000000E+1
PIPressure	7	2406	3.84465000000000E+1
PIPressure	7	2407	3.84465000000000E+1
PIPressure	7	2408	3.84465000000000E+1
PIPressure	7	2409	3.43995000000000E+1
PIPressure	7	2410	3.43995000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	401 di 729

PIPressure	7	2411	3.43995000000000E+1
PIPressure	7	2412	3.43995000000000E+1
PIPressure	7	2413	3.43995000000000E+1
PIPressure	7	2414	3.43995000000000E+1
PIPressure	7	2415	3.43995000000000E+1
PIPressure	7	2416	3.43995000000000E+1
PIPressure	7	2417	3.43995000000000E+1
PIPressure	7	2418	3.43995000000000E+1
PIPressure	7	2419	3.43995000000000E+1
PIPressure	7	2420	3.43995000000000E+1
PIPressure	7	2421	3.43995000000000E+1
PIPressure	7	2422	3.43995000000000E+1
PIPressure	7	2423	3.43995000000000E+1
PIPressure	7	2424	3.43995000000000E+1
PIPressure	7	2425	3.03525000000000E+1
PIPressure	7	2426	3.03525000000000E+1
PIPressure	7	2427	3.03525000000000E+1
PIPressure	7	2428	3.03525000000000E+1
PIPressure	7	2429	3.03525000000000E+1
PIPressure	7	2430	3.03525000000000E+1
PIPressure	7	2431	3.03525000000000E+1
PIPressure	7	2432	3.03525000000000E+1
PIPressure	7	2433	3.03525000000000E+1
PIPressure	7	2434	3.03525000000000E+1
PIPressure	7	2435	3.03525000000000E+1
PIPressure	7	2436	3.03525000000000E+1
PIPressure	7	2437	3.03525000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	402 di 729

PIPressure	7	2438	3.03525000000000E+1
PIPressure	7	2439	3.03525000000000E+1
PIPressure	7	2440	3.03525000000000E+1
PIPressure	7	2441	2.63055000000000E+1
PIPressure	7	2442	2.63055000000000E+1
PIPressure	7	2443	2.63055000000000E+1
PIPressure	7	2444	2.63055000000000E+1
PIPressure	7	2445	2.63055000000000E+1
PIPressure	7	2446	2.63055000000000E+1
PIPressure	7	2447	2.63055000000000E+1
PIPressure	7	2448	2.63055000000000E+1
PIPressure	7	2449	2.63055000000000E+1
PIPressure	7	2450	2.63055000000000E+1
PIPressure	7	2451	2.63055000000000E+1
PIPressure	7	2452	2.63055000000000E+1
PIPressure	7	2453	2.63055000000000E+1
PIPressure	7	2454	2.63055000000000E+1
PIPressure	7	2455	2.63055000000000E+1
PIPressure	7	2456	2.63055000000000E+1
PIPressure	7	2457	2.22585000000000E+1
PIPressure	7	2458	2.22585000000000E+1
PIPressure	7	2459	2.22585000000000E+1
PIPressure	7	2460	2.22585000000000E+1
PIPressure	7	2461	2.22585000000000E+1
PIPressure	7	2462	2.22585000000000E+1
PIPressure	7	2463	2.22585000000000E+1
PIPressure	7	2464	2.22585000000000E+1

PIPressure	7	2465	2.22585000000000E+1
PIPressure	7	2466	2.22585000000000E+1
PIPressure	7	2467	2.22585000000000E+1
PIPressure	7	2468	2.22585000000000E+1
PIPressure	7	2469	2.22585000000000E+1
PIPressure	7	2470	2.22585000000000E+1
PIPressure	7	2471	2.22585000000000E+1
PIPressure	7	2472	2.22585000000000E+1
PIPressure	7	2473	1.82115000000000E+1
PIPressure	7	2474	1.82115000000000E+1
PIPressure	7	2475	1.82115000000000E+1
PIPressure	7	2476	1.82115000000000E+1
PIPressure	7	2477	1.82115000000000E+1
PIPressure	7	2478	1.82115000000000E+1
PIPressure	7	2479	1.82115000000000E+1
PIPressure	7	2480	1.82115000000000E+1
PIPressure	7	2481	1.82115000000000E+1
PIPressure	7	2482	1.82115000000000E+1
PIPressure	7	2483	1.82115000000000E+1
PIPressure	7	2484	1.82115000000000E+1
PIPressure	7	2485	1.82115000000000E+1
PIPressure	7	2486	1.82115000000000E+1
PIPressure	7	2487	1.82115000000000E+1
PIPressure	7	2488	1.82115000000000E+1
PIPressure	7	2489	9.10575000000000E+1
PIPressure	7	2490	9.10575000000000E+1
PIPressure	7	2491	9.10575000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	404 di 729

PIPressure	7	2492	9.10575000000000E+1
PIPressure	7	2493	9.10575000000000E+1
PIPressure	7	2494	9.10575000000000E+1
PIPressure	7	2495	9.10575000000000E+1
PIPressure	7	2496	9.10575000000000E+1
PIPressure	7	2497	9.10575000000000E+1
PIPressure	7	2498	8.70105000000000E+1
PIPressure	7	2499	8.70105000000000E+1
PIPressure	7	2500	8.70105000000000E+1
PIPressure	7	2501	8.70105000000000E+1
PIPressure	7	2502	8.70105000000000E+1
PIPressure	7	2503	8.70105000000000E+1
PIPressure	7	2504	8.70105000000000E+1
PIPressure	7	2505	8.70105000000000E+1
PIPressure	7	2506	8.70105000000000E+1
PIPressure	7	2507	8.29635000000000E+1
PIPressure	7	2508	8.29635000000000E+1
PIPressure	7	2509	8.29635000000000E+1
PIPressure	7	2510	8.29635000000000E+1
PIPressure	7	2511	8.29635000000000E+1
PIPressure	7	2512	8.29635000000000E+1
PIPressure	7	2513	8.29635000000000E+1
PIPressure	7	2514	8.29635000000000E+1
PIPressure	7	2515	8.29635000000000E+1
PIPressure	7	2516	7.89165000000000E+1
PIPressure	7	2517	7.89165000000000E+1
PIPressure	7	2518	7.89165000000000E+1

PIPressure	7	2519	7.89165000000000E+1
PIPressure	7	2520	7.89165000000000E+1
PIPressure	7	2521	7.89165000000000E+1
PIPressure	7	2522	7.89165000000000E+1
PIPressure	7	2523	7.89165000000000E+1
PIPressure	7	2524	7.89165000000000E+1
PIPressure	7	2525	7.48695000000000E+1
PIPressure	7	2526	7.48695000000000E+1
PIPressure	7	2527	7.48695000000000E+1
PIPressure	7	2528	7.48695000000000E+1
PIPressure	7	2529	7.48695000000000E+1
PIPressure	7	2530	7.48695000000000E+1
PIPressure	7	2531	7.48695000000000E+1
PIPressure	7	2532	7.48695000000000E+1
PIPressure	7	2533	7.48695000000000E+1
PIPressure	7	2534	7.08225000000000E+1
PIPressure	7	2535	7.08225000000000E+1
PIPressure	7	2536	7.08225000000000E+1
PIPressure	7	2537	7.08225000000000E+1
PIPressure	7	2538	7.08225000000000E+1
PIPressure	7	2539	7.08225000000000E+1
PIPressure	7	2540	7.08225000000000E+1
PIPressure	7	2541	7.08225000000000E+1
PIPressure	7	2542	7.08225000000000E+1
PIPressure	7	2543	6.67755000000000E+1
PIPressure	7	2544	6.67755000000000E+1
PIPressure	7	2545	6.67755000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	406 di 729

PIPressure	7	2546	6.67755000000000E+1
PIPressure	7	2547	6.67755000000000E+1
PIPressure	7	2548	6.67755000000000E+1
PIPressure	7	2549	6.67755000000000E+1
PIPressure	7	2550	6.67755000000000E+1
PIPressure	7	2551	6.67755000000000E+1
PIPressure	7	2552	6.27285000000000E+1
PIPressure	7	2553	6.27285000000000E+1
PIPressure	7	2554	6.27285000000000E+1
PIPressure	7	2555	6.27285000000000E+1
PIPressure	7	2556	6.27285000000000E+1
PIPressure	7	2557	6.27285000000000E+1
PIPressure	7	2558	6.27285000000000E+1
PIPressure	7	2559	6.27285000000000E+1
PIPressure	7	2560	6.27285000000000E+1
PIPressure	7	2561	5.86815000000000E+1
PIPressure	7	2562	5.86815000000000E+1
PIPressure	7	2563	5.86815000000000E+1
PIPressure	7	2564	5.86815000000000E+1
PIPressure	7	2565	5.86815000000000E+1
PIPressure	7	2566	5.86815000000000E+1
PIPressure	7	2567	5.86815000000000E+1
PIPressure	7	2568	5.86815000000000E+1
PIPressure	7	2569	5.86815000000000E+1
PIPressure	7	2570	5.46345000000000E+1
PIPressure	7	2571	5.46345000000000E+1
PIPressure	7	2572	5.46345000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	407 di 729

PIPressure	7	2573	5.46345000000000E+1
PIPressure	7	2574	5.46345000000000E+1
PIPressure	7	2575	5.46345000000000E+1
PIPressure	7	2576	5.46345000000000E+1
PIPressure	7	2577	5.46345000000000E+1
PIPressure	7	2578	5.46345000000000E+1
PIPressure	7	2579	5.05875000000000E+1
PIPressure	7	2580	5.05875000000000E+1
PIPressure	7	2581	5.05875000000000E+1
PIPressure	7	2582	5.05875000000000E+1
PIPressure	7	2583	5.05875000000000E+1
PIPressure	7	2584	5.05875000000000E+1
PIPressure	7	2585	5.05875000000000E+1
PIPressure	7	2586	5.05875000000000E+1
PIPressure	7	2587	5.05875000000000E+1
PIPressure	7	2588	4.65405000000000E+1
PIPressure	7	2589	4.65405000000000E+1
PIPressure	7	2590	4.65405000000000E+1
PIPressure	7	2591	4.65405000000000E+1
PIPressure	7	2592	4.65405000000000E+1
PIPressure	7	2593	4.65405000000000E+1
PIPressure	7	2594	4.65405000000000E+1
PIPressure	7	2595	4.65405000000000E+1
PIPressure	7	2596	4.65405000000000E+1
PIPressure	7	2597	4.24935000000000E+1
PIPressure	7	2598	4.24935000000000E+1
PIPressure	7	2599	4.24935000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	408 di 729

PIPressure	7	2600	4.24935000000000E+1
PIPressure	7	2601	4.24935000000000E+1
PIPressure	7	2602	4.24935000000000E+1
PIPressure	7	2603	4.24935000000000E+1
PIPressure	7	2604	4.24935000000000E+1
PIPressure	7	2605	4.24935000000000E+1
PIPressure	7	2606	3.84465000000000E+1
PIPressure	7	2607	3.84465000000000E+1
PIPressure	7	2608	3.84465000000000E+1
PIPressure	7	2609	3.84465000000000E+1
PIPressure	7	2610	3.84465000000000E+1
PIPressure	7	2611	3.84465000000000E+1
PIPressure	7	2612	3.84465000000000E+1
PIPressure	7	2613	3.84465000000000E+1
PIPressure	7	2614	3.84465000000000E+1
PIPressure	7	2615	3.43995000000000E+1
PIPressure	7	2616	3.43995000000000E+1
PIPressure	7	2617	3.43995000000000E+1
PIPressure	7	2618	3.43995000000000E+1
PIPressure	7	2619	3.43995000000000E+1
PIPressure	7	2620	3.43995000000000E+1
PIPressure	7	2621	3.43995000000000E+1
PIPressure	7	2622	3.43995000000000E+1
PIPressure	7	2623	3.43995000000000E+1
PIPressure	7	2624	3.03525000000000E+1
PIPressure	7	2625	3.03525000000000E+1
PIPressure	7	2626	3.03525000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	409 di 729

PIPressure	7	2627	3.03525000000000E+1
PIPressure	7	2628	3.03525000000000E+1
PIPressure	7	2629	3.03525000000000E+1
PIPressure	7	2630	3.03525000000000E+1
PIPressure	7	2631	3.03525000000000E+1
PIPressure	7	2632	3.03525000000000E+1
PIPressure	7	2633	2.63055000000000E+1
PIPressure	7	2634	2.63055000000000E+1
PIPressure	7	2635	2.63055000000000E+1
PIPressure	7	2636	2.63055000000000E+1
PIPressure	7	2637	2.63055000000000E+1
PIPressure	7	2638	2.63055000000000E+1
PIPressure	7	2639	2.63055000000000E+1
PIPressure	7	2640	2.63055000000000E+1
PIPressure	7	2641	2.63055000000000E+1
PIPressure	7	2642	2.22585000000000E+1
PIPressure	7	2643	2.22585000000000E+1
PIPressure	7	2644	2.22585000000000E+1
PIPressure	7	2645	2.22585000000000E+1
PIPressure	7	2646	2.22585000000000E+1
PIPressure	7	2647	2.22585000000000E+1
PIPressure	7	2648	2.22585000000000E+1
PIPressure	7	2649	2.22585000000000E+1
PIPressure	7	2650	2.22585000000000E+1
PIPressure	7	2651	1.82115000000000E+1
PIPressure	7	2652	1.82115000000000E+1
PIPressure	7	2653	1.82115000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	410 di 729

PIPressure	7	2654	1.82115000000000E+1
PIPressure	7	2655	1.82115000000000E+1
PIPressure	7	2656	1.82115000000000E+1
PIPressure	7	2657	1.82115000000000E+1
PIPressure	7	2658	1.82115000000000E+1
PIPressure	7	2659	1.82115000000000E+1
PIPressure	7	2660	9.10574999999999E+1
PIPressure	7	2661	9.10575000000003E+1
PIPressure	7	2662	9.10575000000025E+1
PIPressure	7	2663	9.10575000000072E+1
PIPressure	7	2664	9.10575000000116E+1
PIPressure	7	2665	9.10575000000123E+1
PIPressure	7	2666	9.10575000000101E+1
PIPressure	7	2667	9.10575000000068E+1
PIPressure	7	2668	9.10575000000024E+1
PIPressure	7	2669	8.70104999999992E+1
PIPressure	7	2670	8.70104999999995E+1
PIPressure	7	2671	8.70105000000063E+1
PIPressure	7	2672	8.70105000000206E+1
PIPressure	7	2673	8.70105000000318E+1
PIPressure	7	2674	8.70105000000327E+1
PIPressure	7	2675	8.70105000000272E+1
PIPressure	7	2676	8.70105000000186E+1
PIPressure	7	2677	8.70105000000068E+1
PIPressure	7	2678	8.29634999999974E+1
PIPressure	7	2679	8.29634999999955E+1
PIPressure	7	2680	8.29635000000055E+1

PIPressure	7	2681	8.29635000000249E+1
PIPressure	7	2682	8.29635000000383E+1
PIPressure	7	2683	8.29635000000404E+1
PIPressure	7	2684	8.29635000000357E+1
PIPressure	7	2685	8.29635000000256E+1
PIPressure	7	2686	8.29635000000096E+1
PIPressure	7	2687	7.89164999999946E+1
PIPressure	7	2688	7.89164999999885E+1
PIPressure	7	2689	7.89164999999962E+1
PIPressure	7	2690	7.89165000000135E+1
PIPressure	7	2691	7.89165000000276E+1
PIPressure	7	2692	7.89165000000347E+1
PIPressure	7	2693	7.89165000000346E+1
PIPressure	7	2694	7.89165000000267E+1
PIPressure	7	2695	7.89165000000103E+1
PIPressure	7	2696	7.48694999999918E+1
PIPressure	7	2697	7.48694999999802E+1
PIPressure	7	2698	7.48694999999817E+1
PIPressure	7	2699	7.48694999999947E+1
PIPressure	7	2700	7.48695000000105E+1
PIPressure	7	2701	7.48695000000231E+1
PIPressure	7	2702	7.48695000000286E+1
PIPressure	7	2703	7.48695000000244E+1
PIPressure	7	2704	7.48695000000098E+1
PIPressure	7	2705	7.08224999999898E+1
PIPressure	7	2706	7.08224999999736E+1
PIPressure	7	2707	7.08224999999697E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	412 di 729

PIPressure	7	2708	7.08224999999791E+1
PIPressure	7	2709	7.08224999999958E+1
PIPressure	7	2710	7.08225000000121E+1
PIPressure	7	2711	7.08225000000219E+1
PIPressure	7	2712	7.08225000000212E+1
PIPressure	7	2713	7.08225000000089E+1
PIPressure	7	2714	6.67754999999888E+1
PIPressure	7	2715	6.67754999999701E+1
PIPressure	7	2716	6.67754999999626E+1
PIPressure	7	2717	6.67754999999695E+1
PIPressure	7	2718	6.67754999999861E+1
PIPressure	7	2719	6.67755000000045E+1
PIPressure	7	2720	6.67755000000169E+1
PIPressure	7	2721	6.67755000000184E+1
PIPressure	7	2722	6.67755000000081E+1
PIPressure	7	2723	6.27284999999885E+1
PIPressure	7	2724	6.27284999999688E+1
PIPressure	7	2725	6.27284999999595E+1
PIPressure	7	2726	6.27284999999649E+1
PIPressure	7	2727	6.27284999999813E+1
PIPressure	7	2728	6.27285000000004E+1
PIPressure	7	2729	6.27285000000140E+1
PIPressure	7	2730	6.27285000000168E+1
PIPressure	7	2731	6.27285000000075E+1
PIPressure	7	2732	5.86814999999886E+1
PIPressure	7	2733	5.86814999999687E+1
PIPressure	7	2734	5.86814999999589E+1

PIPressure	7	2735	5.86814999999637E+1
PIPressure	7	2736	5.86814999999799E+1
PIPressure	7	2737	5.86814999999991E+1
PIPressure	7	2738	5.86815000000130E+1
PIPressure	7	2739	5.86815000000162E+1
PIPressure	7	2740	5.86815000000073E+1
PIPressure	7	2741	5.46344999999889E+1
PIPressure	7	2742	5.46344999999694E+1
PIPressure	7	2743	5.46344999999598E+1
PIPressure	7	2744	5.46344999999646E+1
PIPressure	7	2745	5.46344999999807E+1
PIPressure	7	2746	5.46344999999998E+1
PIPressure	7	2747	5.46345000000134E+1
PIPressure	7	2748	5.46345000000163E+1
PIPressure	7	2749	5.46345000000073E+1
PIPressure	7	2750	5.05874999999892E+1
PIPressure	7	2751	5.05874999999705E+1
PIPressure	7	2752	5.05874999999615E+1
PIPressure	7	2753	5.05874999999667E+1
PIPressure	7	2754	5.05874999999829E+1
PIPressure	7	2755	5.05875000000016E+1
PIPressure	7	2756	5.05875000000147E+1
PIPressure	7	2757	5.05875000000170E+1
PIPressure	7	2758	5.05875000000076E+1
PIPressure	7	2759	4.65404999999896E+1
PIPressure	7	2760	4.65404999999717E+1
PIPressure	7	2761	4.65404999999636E+1

PIPressure	7	2762	4.65404999999695E+1
PIPressure	7	2763	4.65404999999858E+1
PIPressure	7	2764	4.65405000000041E+1
PIPressure	7	2765	4.65405000000165E+1
PIPressure	7	2766	4.65405000000181E+1
PIPressure	7	2767	4.65405000000079E+1
PIPressure	7	2768	4.24934999999901E+1
PIPressure	7	2769	4.24934999999732E+1
PIPressure	7	2770	4.24934999999659E+1
PIPressure	7	2771	4.24934999999726E+1
PIPressure	7	2772	4.24934999999891E+1
PIPressure	7	2773	4.24935000000069E+1
PIPressure	7	2774	4.24935000000184E+1
PIPressure	7	2775	4.24935000000192E+1
PIPressure	7	2776	4.24935000000083E+1
PIPressure	7	2777	3.84464999999907E+1
PIPressure	7	2778	3.84464999999748E+1
PIPressure	7	2779	3.84464999999685E+1
PIPressure	7	2780	3.84464999999758E+1
PIPressure	7	2781	3.84464999999923E+1
PIPressure	7	2782	3.84465000000096E+1
PIPressure	7	2783	3.84465000000202E+1
PIPressure	7	2784	3.84465000000202E+1
PIPressure	7	2785	3.84465000000086E+1
PIPressure	7	2786	3.43994999999913E+1
PIPressure	7	2787	3.43994999999767E+1
PIPressure	7	2788	3.43994999999715E+1

PIPressure	7	2789	3.43994999999792E+1
PIPressure	7	2790	3.43994999999954E+1
PIPressure	7	2791	3.43995000000117E+1
PIPressure	7	2792	3.43995000000214E+1
PIPressure	7	2793	3.43995000000207E+1
PIPressure	7	2794	3.43995000000087E+1
PIPressure	7	2795	3.03524999999922E+1
PIPressure	7	2796	3.03524999999792E+1
PIPressure	7	2797	3.03524999999750E+1
PIPressure	7	2798	3.03524999999828E+1
PIPressure	7	2799	3.03524999999980E+1
PIPressure	7	2800	3.03525000000129E+1
PIPressure	7	2801	3.03525000000214E+1
PIPressure	7	2802	3.03525000000201E+1
PIPressure	7	2803	3.03525000000084E+1
PIPressure	7	2804	2.63054999999935E+1
PIPressure	7	2805	2.63054999999828E+1
PIPressure	7	2806	2.63054999999796E+1
PIPressure	7	2807	2.63054999999867E+1
PIPressure	7	2808	2.63054999999998E+1
PIPressure	7	2809	2.63055000000123E+1
PIPressure	7	2810	2.63055000000193E+1
PIPressure	7	2811	2.63055000000179E+1
PIPressure	7	2812	2.63055000000074E+1
PIPressure	7	2813	2.22584999999955E+1
PIPressure	7	2814	2.22584999999880E+1
PIPressure	7	2815	2.22584999999861E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	416 di 729

PIPressure	7	2816	2.22584999999914E+1
PIPressure	7	2817	2.22585000000007E+1
PIPressure	7	2818	2.225850000000094E+1
PIPressure	7	2819	2.22585000000141E+1
PIPressure	7	2820	2.22585000000130E+1
PIPressure	7	2821	2.22585000000054E+1
PIPressure	7	2822	1.82114999999983E+1
PIPressure	7	2823	1.82114999999955E+1
PIPressure	7	2824	1.82114999999949E+1
PIPressure	7	2825	1.82114999999970E+1
PIPressure	7	2826	1.82115000000005E+1
PIPressure	7	2827	1.82115000000036E+1
PIPressure	7	2828	1.82115000000053E+1
PIPressure	7	2829	1.82115000000049E+1
PIPressure	7	2830	1.82115000000020E+1

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/ PLATE EDGE PRESSURES

/ SPINTA STATICA

PIEdgePressure	7	874	3	-9.91700000000000E+1
PIEdgePressure	7	875	3	-9.91700000000000E+1
PIEdgePressure	7	876	3	-9.91700000000000E+1
PIEdgePressure	7	877	3	-9.91700000000000E+1
PIEdgePressure	7	878	4	-9.91700000000000E+1
PIEdgePressure	7	879	3	-9.91700000000000E+1
PIEdgePressure	7	880	3	-9.91700000000000E+1
PIEdgePressure	7	881	3	-9.91700000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	417 di 729

PIEdgePressure	7	882	3	-9.91700000000000E+1
PIEdgePressure	7	883	3	-9.91700000000000E+1
PIEdgePressure	7	884	3	-9.91700000000000E+1
PIEdgePressure	7	885	3	-9.91700000000000E+1
PIEdgePressure	7	886	3	-9.91700000000000E+1
PIEdgePressure	7	887	4	-9.91700000000000E+1
PIEdgePressure	7	888	3	-9.91700000000000E+1
PIEdgePressure	7	889	3	-9.91700000000000E+1
PIEdgePressure	7	890	3	-9.91700000000000E+1
PIEdgePressure	7	891	3	-9.91700000000000E+1
PIEdgePressure	7	892	3	-9.91700000000000E+1
PIEdgePressure	7	893	3	-9.91700000000000E+1
PIEdgePressure	7	894	3	-9.91700000000000E+1
PIEdgePressure	7	895	4	-9.91700000000000E+1

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/ PLATE FACE GLOBAL LOADS

/ RIEMPIMENTO

PIGlobalLoad	3	289	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	290	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	291	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	292	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	293	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	294	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	295	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	296	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	297	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

PIGlobalLoad	3	298	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	299	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	300	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	301	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	302	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	303	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	304	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	305	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	306	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	307	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	308	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	309	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	310	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	311	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	312	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	313	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	314	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	315	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	316	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	317	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	318	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	319	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	320	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	321	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	322	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	323	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	324	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

PIGlobalLoad	3	325	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	326	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	327	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	328	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	329	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	330	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	331	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	332	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	333	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	334	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	335	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	336	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	337	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	338	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	339	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	340	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	341	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	342	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	343	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	344	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	347	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	348	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	349	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	536	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	539	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	540	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

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PIGlobalLoad	3	542	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	543	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	544	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	545	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	546	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	547	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	548	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	549	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	550	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	551	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	552	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	553	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	554	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	555	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	556	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	557	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	558	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	559	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	560	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	561	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	562	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	563	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	564	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	565	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	566	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	567	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

PIGlobalLoad	3	568	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	569	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	570	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	571	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	572	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	573	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	574	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	575	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	576	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	577	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	578	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	579	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
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PIGlobalLoad	3	581	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	582	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
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PIGlobalLoad	3	619	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
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PIGlobalLoad	3	621	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1

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PIGlobalLoad	3	675	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

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PIGlobalLoad	3	677	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	726	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	727	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	728	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1
PIGlobalLoad	3	729	0.000000000000000E+0	0.000000000000000E+0	-1.900000000000000E+1

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PIGlobalLoad	3	731	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	732	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	734	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	756	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

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PIGlobalLoad	3	758	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	759	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	760	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	761	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	762	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	763	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	764	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	765	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	766	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	767	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	768	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	769	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	770	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	771	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	772	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	773	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	774	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	775	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	776	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	777	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	778	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	779	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	780	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	781	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	782	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	783	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

PIGlobalLoad	3	784	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	785	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	786	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	787	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	788	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	789	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	790	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	791	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	792	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	793	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	794	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	795	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	796	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	797	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	798	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	799	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	800	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	801	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	802	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	803	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	804	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	805	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	806	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	807	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	808	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	809	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	810	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

PIGlobalLoad	3	811	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	812	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	813	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	814	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	815	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	816	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	817	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	818	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	819	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	820	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	822	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	823	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	824	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	825	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	826	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	827	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	828	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	829	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	830	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	831	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	832	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	833	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	834	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	835	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	836	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	837	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2

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PIGlobalLoad	3	839	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	840	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	841	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	842	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	843	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	844	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	847	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	848	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	849	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	850	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	851	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	852	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	853	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	854	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	855	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	856	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	857	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	858	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	859	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	860	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	862	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	863	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	864	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2

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PIGlobalLoad	3	866	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	871	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	872	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	874	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	875	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	876	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	877	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	878	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	879	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	880	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	881	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	882	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	883	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	885	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	886	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	887	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	888	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	891	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2

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PIGlobalLoad	3	912	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	914	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	922	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	925	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	926	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	929	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	930	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	931	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	934	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	935	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	936	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	937	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	938	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	939	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	940	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	941	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	942	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	943	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	944	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	945	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2

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PIGlobalLoad	3	947	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	949	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	950	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	953	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	955	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	956	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	957	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	958	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	959	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	960	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	961	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	962	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	963	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	964	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	965	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	966	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	967	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	968	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	969	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	970	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	971	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	972	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2

PIGlobalLoad	3	973	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	974	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	975	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	976	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	977	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	978	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	979	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	980	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	981	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	982	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	983	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	984	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	985	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	986	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	987	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	988	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	989	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	990	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	991	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	992	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	993	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	994	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	995	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	996	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	997	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	998	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	999	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

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PIGlobalLoad	3	1001	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1002	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1003	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1004	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1005	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1006	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1007	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1008	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1009	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1010	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1011	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1012	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1013	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1014	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1015	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1016	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1017	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1018	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1019	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1020	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1021	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1022	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1023	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1024	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1025	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1026	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

PIGlobalLoad	3	1027	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1028	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1029	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1030	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1031	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1032	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1033	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	1036	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1037	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1038	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1039	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1040	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1041	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1042	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1043	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	1048	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1049	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1050	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	1053	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

PIGlobalLoad	3	1054	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1055	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	1061	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	1065	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1066	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1067	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
PIGlobalLoad	3	1068	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1
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PIGlobalLoad	3	1107	0.00000000000000E+0	0.00000000000000E+0	-1.90000000000000E+1

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PIGlobalLoad	3	1127	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	1146	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1147	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	1149	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1150	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	1152	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	1154	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	1156	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	1161	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2

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PIGlobalLoad	3	1164	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1165	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1166	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1167	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1168	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1169	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1170	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1171	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1172	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1173	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1174	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1175	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	1179	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1180	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1181	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1182	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1183	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1184	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1185	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1186	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1187	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1188	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2

PIGlobalLoad	3	1189	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1190	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1191	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1192	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1193	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1194	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1195	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1196	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1197	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1198	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1199	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
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PIGlobalLoad	3	1394	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1395	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1396	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1397	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1398	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1399	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1400	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1401	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1402	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1403	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1404	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2

PIGlobalLoad	3	1405	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1406	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1407	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1408	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1409	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1410	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1411	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1412	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1413	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1414	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1415	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1416	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1417	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1418	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1419	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1420	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1421	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1422	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1423	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1424	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1425	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1426	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1427	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1428	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1429	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1430	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1431	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2

PIGlobalLoad	3	1432	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1433	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1434	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1435	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1436	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1437	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1438	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1439	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1440	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1441	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1442	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1443	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1444	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1445	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1446	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1447	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1448	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1449	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1450	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1451	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1452	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1453	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1454	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1455	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1456	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1457	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1458	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	461 di 729

PIGlobalLoad	3	1459	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1460	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1461	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2
PIGlobalLoad	3	1462	0.00000000000000E+0	0.00000000000000E+0	-2.13560000000000E+2

/ _____

/ PLATE FACE PRESSURES

/ SPINTA PERM

PIPressure	8	1	4.26000000000000E+0
PIPressure	8	2	4.26000000000000E+0
PIPressure	8	3	4.26000000000000E+0
PIPressure	8	4	4.26000000000000E+0
PIPressure	8	5	4.26000000000000E+0
PIPressure	8	6	4.26000000000000E+0
PIPressure	8	7	4.26000000000000E+0
PIPressure	8	8	4.26000000000000E+0
PIPressure	8	9	4.26000000000000E+0
PIPressure	8	10	4.26000000000000E+0
PIPressure	8	11	4.26000000000000E+0
PIPressure	8	12	4.26000000000000E+0
PIPressure	8	13	4.26000000000000E+0
PIPressure	8	14	4.26000000000000E+0
PIPressure	8	15	4.26000000000000E+0
PIPressure	8	16	4.26000000000000E+0
PIPressure	8	17	4.26000000000000E+0
PIPressure	8	18	4.26000000000000E+0

PIPressure	8	19	4.26000000000000E+0
PIPressure	8	20	4.26000000000000E+0
PIPressure	8	21	4.26000000000000E+0
PIPressure	8	22	4.26000000000000E+0
PIPressure	8	23	4.26000000000000E+0
PIPressure	8	24	4.26000000000000E+0
PIPressure	8	25	4.26000000000000E+0
PIPressure	8	26	4.26000000000000E+0
PIPressure	8	27	4.26000000000000E+0
PIPressure	8	28	4.26000000000000E+0
PIPressure	8	29	4.26000000000000E+0
PIPressure	8	30	4.26000000000000E+0
PIPressure	8	31	4.26000000000000E+0
PIPressure	8	32	4.26000000000000E+0
PIPressure	8	33	4.26000000000000E+0
PIPressure	8	34	4.26000000000000E+0
PIPressure	8	35	4.26000000000000E+0
PIPressure	8	36	4.26000000000000E+0
PIPressure	8	37	4.26000000000000E+0
PIPressure	8	38	4.26000000000000E+0
PIPressure	8	39	4.26000000000000E+0
PIPressure	8	40	4.26000000000000E+0
PIPressure	8	41	4.26000000000000E+0
PIPressure	8	42	4.26000000000000E+0
PIPressure	8	43	4.26000000000000E+0
PIPressure	8	44	4.26000000000000E+0
PIPressure	8	45	4.26000000000000E+0

PIPressure	8	46	4.26000000000000E+0
PIPressure	8	47	4.26000000000000E+0
PIPressure	8	48	4.26000000000000E+0
PIPressure	8	49	4.26000000000000E+0
PIPressure	8	50	4.26000000000000E+0
PIPressure	8	51	4.26000000000000E+0
PIPressure	8	52	4.26000000000000E+0
PIPressure	8	53	4.26000000000000E+0
PIPressure	8	54	4.26000000000000E+0
PIPressure	8	55	4.26000000000000E+0
PIPressure	8	56	4.26000000000000E+0
PIPressure	8	57	4.26000000000000E+0
PIPressure	8	58	4.26000000000000E+0
PIPressure	8	59	4.26000000000000E+0
PIPressure	8	60	4.26000000000000E+0
PIPressure	8	61	4.26000000000000E+0
PIPressure	8	62	4.26000000000000E+0
PIPressure	8	63	4.26000000000000E+0
PIPressure	8	64	4.26000000000000E+0
PIPressure	8	65	4.26000000000000E+0
PIPressure	8	66	4.26000000000000E+0
PIPressure	8	67	4.26000000000000E+0
PIPressure	8	68	4.26000000000000E+0
PIPressure	8	69	4.26000000000000E+0
PIPressure	8	70	4.26000000000000E+0
PIPressure	8	71	4.26000000000000E+0
PIPressure	8	72	4.26000000000000E+0

PIPressure	8	73	4.26000000000000E+0
PIPressure	8	74	4.26000000000000E+0
PIPressure	8	75	4.26000000000000E+0
PIPressure	8	76	4.26000000000000E+0
PIPressure	8	77	4.26000000000000E+0
PIPressure	8	78	4.26000000000000E+0
PIPressure	8	79	4.26000000000000E+0
PIPressure	8	80	4.26000000000000E+0
PIPressure	8	81	4.26000000000000E+0
PIPressure	8	82	4.26000000000000E+0
PIPressure	8	83	4.26000000000000E+0
PIPressure	8	84	4.26000000000000E+0
PIPressure	8	85	4.26000000000000E+0
PIPressure	8	86	4.26000000000000E+0
PIPressure	8	87	4.26000000000000E+0
PIPressure	8	88	4.26000000000000E+0
PIPressure	8	89	4.26000000000000E+0
PIPressure	8	90	4.26000000000000E+0
PIPressure	8	91	4.26000000000000E+0
PIPressure	8	92	4.26000000000000E+0
PIPressure	8	93	4.26000000000000E+0
PIPressure	8	94	4.26000000000000E+0
PIPressure	8	95	4.26000000000000E+0
PIPressure	8	96	4.26000000000000E+0
PIPressure	8	97	4.26000000000000E+0
PIPressure	8	98	4.26000000000000E+0
PIPressure	8	99	4.26000000000000E+0

PIPressure	8	100	4.26000000000000E+0
PIPressure	8	101	4.26000000000000E+0
PIPressure	8	102	4.26000000000000E+0
PIPressure	8	103	4.26000000000000E+0
PIPressure	8	104	4.26000000000000E+0
PIPressure	8	105	4.26000000000000E+0
PIPressure	8	106	4.26000000000000E+0
PIPressure	8	107	4.26000000000000E+0
PIPressure	8	108	4.26000000000000E+0
PIPressure	8	109	4.26000000000000E+0
PIPressure	8	110	4.26000000000000E+0
PIPressure	8	111	4.26000000000000E+0
PIPressure	8	112	4.26000000000000E+0
PIPressure	8	113	4.26000000000000E+0
PIPressure	8	114	4.26000000000000E+0
PIPressure	8	115	4.26000000000000E+0
PIPressure	8	116	4.26000000000000E+0
PIPressure	8	117	4.26000000000000E+0
PIPressure	8	118	4.26000000000000E+0
PIPressure	8	119	4.26000000000000E+0
PIPressure	8	120	4.26000000000000E+0
PIPressure	8	121	4.26000000000000E+0
PIPressure	8	122	4.26000000000000E+0
PIPressure	8	123	4.26000000000000E+0
PIPressure	8	124	4.26000000000000E+0
PIPressure	8	125	4.26000000000000E+0
PIPressure	8	126	4.26000000000000E+0

PIPressure	8	127	4.26000000000000E+0
PIPressure	8	128	4.26000000000000E+0
PIPressure	8	129	4.26000000000000E+0
PIPressure	8	130	4.26000000000000E+0
PIPressure	8	131	4.26000000000000E+0
PIPressure	8	132	4.26000000000000E+0
PIPressure	8	133	4.26000000000000E+0
PIPressure	8	134	4.26000000000000E+0
PIPressure	8	135	4.26000000000000E+0
PIPressure	8	136	4.26000000000000E+0
PIPressure	8	137	4.26000000000000E+0
PIPressure	8	138	4.26000000000000E+0
PIPressure	8	139	4.26000000000000E+0
PIPressure	8	140	4.26000000000000E+0
PIPressure	8	141	4.26000000000000E+0
PIPressure	8	142	4.26000000000000E+0
PIPressure	8	143	4.26000000000000E+0
PIPressure	8	144	4.26000000000000E+0
PIPressure	8	145	4.26000000000000E+0
PIPressure	8	146	4.26000000000000E+0
PIPressure	8	147	4.26000000000000E+0
PIPressure	8	148	4.26000000000000E+0
PIPressure	8	149	4.26000000000000E+0
PIPressure	8	150	4.26000000000000E+0
PIPressure	8	151	4.26000000000000E+0
PIPressure	8	152	4.26000000000000E+0
PIPressure	8	153	4.26000000000000E+0

PIPressure	8	154	4.26000000000000E+0
PIPressure	8	155	4.26000000000000E+0
PIPressure	8	156	4.26000000000000E+0
PIPressure	8	157	4.26000000000000E+0
PIPressure	8	158	4.26000000000000E+0
PIPressure	8	159	4.26000000000000E+0
PIPressure	8	160	4.26000000000000E+0
PIPressure	8	161	4.26000000000000E+0
PIPressure	8	162	4.26000000000000E+0
PIPressure	8	163	4.26000000000000E+0
PIPressure	8	164	4.26000000000000E+0
PIPressure	8	165	4.26000000000000E+0
PIPressure	8	166	4.26000000000000E+0
PIPressure	8	167	4.26000000000000E+0
PIPressure	8	168	4.26000000000000E+0
PIPressure	8	169	4.26000000000000E+0
PIPressure	8	170	4.26000000000000E+0
PIPressure	8	171	4.26000000000000E+0
PIPressure	8	172	4.26000000000000E+0
PIPressure	8	173	4.26000000000000E+0
PIPressure	8	174	4.26000000000000E+0
PIPressure	8	175	4.26000000000000E+0
PIPressure	8	176	4.26000000000000E+0
PIPressure	8	177	4.26000000000000E+0
PIPressure	8	178	4.26000000000000E+0
PIPressure	8	179	4.26000000000000E+0
PIPressure	8	180	4.26000000000000E+0

PIPressure	8	181	4.26000000000000E+0
PIPressure	8	182	4.26000000000000E+0
PIPressure	8	183	4.26000000000000E+0
PIPressure	8	184	4.26000000000000E+0
PIPressure	8	185	4.26000000000000E+0
PIPressure	8	186	4.26000000000000E+0
PIPressure	8	187	4.26000000000000E+0
PIPressure	8	188	4.26000000000000E+0
PIPressure	8	189	4.26000000000000E+0
PIPressure	8	190	4.26000000000000E+0
PIPressure	8	191	4.26000000000000E+0
PIPressure	8	192	4.26000000000000E+0
PIPressure	8	193	4.26000000000000E+0
PIPressure	8	194	4.26000000000000E+0
PIPressure	8	195	4.26000000000000E+0
PIPressure	8	196	4.26000000000000E+0
PIPressure	8	197	4.26000000000000E+0
PIPressure	8	198	4.26000000000000E+0
PIPressure	8	199	4.26000000000000E+0
PIPressure	8	200	4.26000000000000E+0
PIPressure	8	201	4.26000000000000E+0
PIPressure	8	202	4.26000000000000E+0
PIPressure	8	203	4.26000000000000E+0
PIPressure	8	204	4.26000000000000E+0
PIPressure	8	205	4.26000000000000E+0
PIPressure	8	206	4.26000000000000E+0
PIPressure	8	207	4.26000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	469 di 729

PIPressure	8	208	4.26000000000000E+0
PIPressure	8	209	4.26000000000000E+0
PIPressure	8	210	4.26000000000000E+0
PIPressure	8	211	4.26000000000000E+0
PIPressure	8	212	4.26000000000000E+0
PIPressure	8	213	4.26000000000000E+0
PIPressure	8	214	4.26000000000000E+0
PIPressure	8	215	4.26000000000000E+0
PIPressure	8	216	4.26000000000000E+0
PIPressure	8	217	4.26000000000000E+0
PIPressure	8	218	4.26000000000000E+0
PIPressure	8	219	4.26000000000000E+0
PIPressure	8	220	4.26000000000000E+0
PIPressure	8	221	4.26000000000000E+0
PIPressure	8	222	4.26000000000000E+0
PIPressure	8	223	4.26000000000000E+0
PIPressure	8	224	4.26000000000000E+0
PIPressure	8	225	4.26000000000000E+0
PIPressure	8	226	4.26000000000000E+0
PIPressure	8	227	4.26000000000000E+0
PIPressure	8	228	4.26000000000000E+0
PIPressure	8	229	4.26000000000000E+0
PIPressure	8	230	4.26000000000000E+0
PIPressure	8	231	4.26000000000000E+0
PIPressure	8	232	4.26000000000000E+0
PIPressure	8	233	4.26000000000000E+0
PIPressure	8	234	4.26000000000000E+0

PIPressure	8	235	4.26000000000000E+0
PIPressure	8	236	4.26000000000000E+0
PIPressure	8	237	4.26000000000000E+0
PIPressure	8	238	4.26000000000000E+0
PIPressure	8	239	4.26000000000000E+0
PIPressure	8	240	4.26000000000000E+0
PIPressure	8	241	4.26000000000000E+0
PIPressure	8	242	4.26000000000000E+0
PIPressure	8	243	4.26000000000000E+0
PIPressure	8	244	4.26000000000000E+0
PIPressure	8	245	4.26000000000000E+0
PIPressure	8	246	4.26000000000000E+0
PIPressure	8	247	4.26000000000000E+0
PIPressure	8	248	4.26000000000000E+0
PIPressure	8	249	4.26000000000000E+0
PIPressure	8	250	4.26000000000000E+0
PIPressure	8	251	4.26000000000000E+0
PIPressure	8	252	4.26000000000000E+0
PIPressure	8	253	4.26000000000000E+0
PIPressure	8	254	4.26000000000000E+0
PIPressure	8	255	4.26000000000000E+0
PIPressure	8	256	4.26000000000000E+0
PIPressure	8	257	4.26000000000000E+0
PIPressure	8	258	4.26000000000000E+0
PIPressure	8	259	4.26000000000000E+0
PIPressure	8	260	4.26000000000000E+0
PIPressure	8	261	4.26000000000000E+0

PIPressure	8	262	4.26000000000000E+0
PIPressure	8	263	4.26000000000000E+0
PIPressure	8	264	4.26000000000000E+0
PIPressure	8	265	4.26000000000000E+0
PIPressure	8	266	4.26000000000000E+0
PIPressure	8	267	4.26000000000000E+0
PIPressure	8	268	4.26000000000000E+0
PIPressure	8	269	4.26000000000000E+0
PIPressure	8	270	4.26000000000000E+0
PIPressure	8	271	4.26000000000000E+0
PIPressure	8	272	4.26000000000000E+0
PIPressure	8	273	4.26000000000000E+0
PIPressure	8	274	4.26000000000000E+0
PIPressure	8	275	4.26000000000000E+0
PIPressure	8	276	4.26000000000000E+0
PIPressure	8	277	4.26000000000000E+0
PIPressure	8	278	4.26000000000000E+0
PIPressure	8	279	4.26000000000000E+0
PIPressure	8	280	4.26000000000000E+0
PIPressure	8	281	4.26000000000000E+0
PIPressure	8	282	4.26000000000000E+0
PIPressure	8	283	4.26000000000000E+0
PIPressure	8	284	4.26000000000000E+0
PIPressure	8	285	4.26000000000000E+0
PIPressure	8	286	4.26000000000000E+0
PIPressure	8	287	4.26000000000000E+0
PIPressure	8	288	4.26000000000000E+0

PIPressure	8	1463	4.260000000000000E+0
PIPressure	8	1464	4.260000000000000E+0
PIPressure	8	1465	4.260000000000000E+0
PIPressure	8	1466	4.260000000000000E+0
PIPressure	8	1467	4.260000000000000E+0
PIPressure	8	1468	4.260000000000000E+0
PIPressure	8	1469	4.260000000000000E+0
PIPressure	8	1470	4.260000000000000E+0
PIPressure	8	1471	4.260000000000000E+0
PIPressure	8	1472	4.260000000000000E+0
PIPressure	8	1473	4.260000000000000E+0
PIPressure	8	1474	4.260000000000000E+0
PIPressure	8	1475	4.260000000000000E+0
PIPressure	8	1476	4.260000000000000E+0
PIPressure	8	1477	4.260000000000000E+0
PIPressure	8	1478	4.260000000000000E+0
PIPressure	8	1479	4.260000000000000E+0
PIPressure	8	1480	4.260000000000000E+0
PIPressure	8	1481	4.260000000000000E+0
PIPressure	8	1482	4.260000000000000E+0
PIPressure	8	1483	4.260000000000000E+0
PIPressure	8	1484	4.260000000000000E+0
PIPressure	8	1485	4.260000000000000E+0
PIPressure	8	1486	4.260000000000000E+0
PIPressure	8	1487	4.260000000000000E+0
PIPressure	8	1488	4.260000000000000E+0
PIPressure	8	1489	4.260000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	473 di 729

PIPressure	8	1490	4.260000000000000E+0
PIPressure	8	1491	4.260000000000000E+0
PIPressure	8	1492	4.260000000000000E+0
PIPressure	8	1493	4.260000000000000E+0
PIPressure	8	1494	4.260000000000000E+0
PIPressure	8	1495	4.260000000000000E+0
PIPressure	8	1496	4.260000000000000E+0
PIPressure	8	1497	4.260000000000000E+0
PIPressure	8	1498	4.260000000000000E+0
PIPressure	8	1499	4.260000000000000E+0
PIPressure	8	1500	4.260000000000000E+0
PIPressure	8	1501	4.260000000000000E+0
PIPressure	8	1502	4.260000000000000E+0
PIPressure	8	1503	4.260000000000000E+0
PIPressure	8	1504	4.260000000000000E+0
PIPressure	8	1505	4.260000000000000E+0
PIPressure	8	1506	4.260000000000000E+0
PIPressure	8	1507	4.260000000000000E+0
PIPressure	8	1508	4.260000000000000E+0
PIPressure	8	1509	4.260000000000000E+0
PIPressure	8	1510	4.260000000000000E+0
PIPressure	8	1511	4.260000000000000E+0
PIPressure	8	1512	4.260000000000000E+0
PIPressure	8	1513	4.260000000000000E+0
PIPressure	8	1514	4.260000000000000E+0
PIPressure	8	1515	4.260000000000000E+0
PIPressure	8	1516	4.260000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	474 di 729

PIPressure	8	1517	4.260000000000000E+0
PIPressure	8	1518	4.260000000000000E+0
PIPressure	8	1519	4.260000000000000E+0
PIPressure	8	1520	4.260000000000000E+0
PIPressure	8	1521	4.260000000000000E+0
PIPressure	8	1522	4.260000000000000E+0
PIPressure	8	1523	4.260000000000000E+0
PIPressure	8	1524	4.260000000000000E+0
PIPressure	8	1525	4.260000000000000E+0
PIPressure	8	1526	4.260000000000000E+0
PIPressure	8	1527	4.260000000000000E+0
PIPressure	8	1528	4.260000000000000E+0
PIPressure	8	1529	4.260000000000000E+0
PIPressure	8	1530	4.260000000000000E+0
PIPressure	8	1531	4.260000000000000E+0
PIPressure	8	1532	4.260000000000000E+0
PIPressure	8	1533	4.260000000000000E+0
PIPressure	8	1534	4.260000000000000E+0
PIPressure	8	1535	4.260000000000000E+0
PIPressure	8	1536	4.260000000000000E+0
PIPressure	8	1537	4.260000000000000E+0
PIPressure	8	1538	4.260000000000000E+0
PIPressure	8	1539	4.260000000000000E+0
PIPressure	8	1540	4.260000000000000E+0
PIPressure	8	1541	4.260000000000000E+0
PIPressure	8	1542	4.260000000000000E+0
PIPressure	8	1543	4.260000000000000E+0

PIPressure	8	1544	4.26000000000000E+0
PIPressure	8	1545	4.26000000000000E+0
PIPressure	8	1546	4.26000000000000E+0
PIPressure	8	1547	4.26000000000000E+0
PIPressure	8	1548	4.26000000000000E+0
PIPressure	8	1549	4.26000000000000E+0
PIPressure	8	1550	4.26000000000000E+0
PIPressure	8	1551	4.26000000000000E+0
PIPressure	8	1552	4.26000000000000E+0
PIPressure	8	1553	4.26000000000000E+0
PIPressure	8	1554	4.26000000000000E+0
PIPressure	8	1555	4.26000000000000E+0
PIPressure	8	1556	4.26000000000000E+0
PIPressure	8	1557	4.26000000000000E+0
PIPressure	8	1558	4.26000000000000E+0
PIPressure	8	1559	4.26000000000000E+0
PIPressure	8	1560	4.26000000000000E+0
PIPressure	8	1561	4.26000000000000E+0
PIPressure	8	1562	4.26000000000000E+0
PIPressure	8	1563	4.26000000000000E+0
PIPressure	8	1564	4.26000000000000E+0
PIPressure	8	1565	4.26000000000000E+0
PIPressure	8	1566	4.26000000000000E+0
PIPressure	8	1567	4.26000000000000E+0
PIPressure	8	1568	4.26000000000000E+0
PIPressure	8	1569	4.26000000000000E+0
PIPressure	8	1570	4.26000000000000E+0

PIPressure	8	1571	4.26000000000000E+0
PIPressure	8	1572	4.26000000000000E+0
PIPressure	8	1573	4.26000000000000E+0
PIPressure	8	1574	4.26000000000000E+0
PIPressure	8	1575	4.26000000000000E+0
PIPressure	8	1576	4.26000000000000E+0
PIPressure	8	1577	4.26000000000000E+0
PIPressure	8	1578	4.26000000000000E+0
PIPressure	8	1579	4.26000000000000E+0
PIPressure	8	1580	4.26000000000000E+0
PIPressure	8	1581	4.26000000000000E+0
PIPressure	8	1582	4.26000000000000E+0
PIPressure	8	1583	4.26000000000000E+0
PIPressure	8	1584	4.26000000000000E+0
PIPressure	8	1585	4.26000000000000E+0
PIPressure	8	1586	4.26000000000000E+0
PIPressure	8	1587	4.26000000000000E+0
PIPressure	8	1588	4.26000000000000E+0
PIPressure	8	1589	4.26000000000000E+0
PIPressure	8	1590	4.26000000000000E+0
PIPressure	8	1591	4.26000000000000E+0
PIPressure	8	1592	4.26000000000000E+0
PIPressure	8	1593	4.26000000000000E+0
PIPressure	8	1594	4.26000000000000E+0
PIPressure	8	1595	4.26000000000000E+0
PIPressure	8	1596	4.26000000000000E+0
PIPressure	8	1597	4.26000000000000E+0

PIPressure	8	1598	4.26000000000000E+0
PIPressure	8	1599	4.26000000000000E+0
PIPressure	8	1600	4.26000000000000E+0
PIPressure	8	1601	4.26000000000000E+0
PIPressure	8	1602	4.26000000000000E+0
PIPressure	8	1603	4.26000000000000E+0
PIPressure	8	1604	4.26000000000000E+0
PIPressure	8	1605	4.26000000000000E+0
PIPressure	8	1606	4.26000000000000E+0
PIPressure	8	1607	4.26000000000000E+0
PIPressure	8	1608	4.26000000000000E+0
PIPressure	8	1609	4.26000000000000E+0
PIPressure	8	1610	4.26000000000000E+0
PIPressure	8	1611	4.26000000000000E+0
PIPressure	8	1612	4.26000000000000E+0
PIPressure	8	1613	4.26000000000000E+0
PIPressure	8	1614	4.26000000000000E+0
PIPressure	8	1615	4.26000000000000E+0
PIPressure	8	1616	4.26000000000000E+0
PIPressure	8	1617	4.26000000000000E+0
PIPressure	8	1618	4.26000000000000E+0
PIPressure	8	1619	4.26000000000000E+0
PIPressure	8	1620	4.26000000000000E+0
PIPressure	8	1621	4.26000000000000E+0
PIPressure	8	1622	4.26000000000000E+0
PIPressure	8	1623	4.26000000000000E+0
PIPressure	8	1624	4.26000000000000E+0

PIPressure	8	1625	4.26000000000000E+0
PIPressure	8	1626	4.26000000000000E+0
PIPressure	8	1627	4.26000000000000E+0
PIPressure	8	1628	4.26000000000000E+0
PIPressure	8	1629	4.26000000000000E+0
PIPressure	8	1630	4.26000000000000E+0
PIPressure	8	1631	4.26000000000000E+0
PIPressure	8	1632	4.26000000000000E+0
PIPressure	8	1633	4.26000000000000E+0
PIPressure	8	1634	4.26000000000000E+0
PIPressure	8	1635	4.26000000000000E+0
PIPressure	8	1636	4.26000000000000E+0
PIPressure	8	1637	4.26000000000000E+0
PIPressure	8	1638	4.26000000000000E+0
PIPressure	8	1639	4.26000000000000E+0
PIPressure	8	1640	4.26000000000000E+0
PIPressure	8	1641	4.26000000000000E+0
PIPressure	8	1642	4.26000000000000E+0
PIPressure	8	1643	4.26000000000000E+0
PIPressure	8	1644	4.26000000000000E+0
PIPressure	8	1645	4.26000000000000E+0
PIPressure	8	1646	4.26000000000000E+0
PIPressure	8	1647	4.26000000000000E+0
PIPressure	8	1648	4.26000000000000E+0
PIPressure	8	1649	4.26000000000000E+0
PIPressure	8	1650	4.26000000000000E+0
PIPressure	8	1651	4.26000000000000E+0

PIPressure	8	1652	4.26000000000000E+0
PIPressure	8	1653	4.26000000000000E+0
PIPressure	8	1654	4.26000000000000E+0
PIPressure	8	1655	4.26000000000000E+0
PIPressure	8	1656	4.26000000000000E+0
PIPressure	8	1657	4.26000000000000E+0
PIPressure	8	1658	4.26000000000000E+0
PIPressure	8	1659	4.26000000000000E+0
PIPressure	8	1660	4.26000000000000E+0
PIPressure	8	1661	4.26000000000000E+0
PIPressure	8	1662	4.26000000000000E+0
PIPressure	8	1663	4.26000000000000E+0
PIPressure	8	1664	4.26000000000000E+0
PIPressure	8	1665	4.26000000000000E+0
PIPressure	8	1666	4.26000000000000E+0
PIPressure	8	1667	4.26000000000000E+0
PIPressure	8	1668	4.26000000000000E+0
PIPressure	8	1669	4.26000000000000E+0
PIPressure	8	1670	4.26000000000000E+0
PIPressure	8	1671	4.26000000000000E+0
PIPressure	8	1672	4.26000000000000E+0
PIPressure	8	1673	4.26000000000000E+0
PIPressure	8	1674	4.26000000000000E+0
PIPressure	8	1675	4.26000000000000E+0
PIPressure	8	1676	4.26000000000000E+0
PIPressure	8	1677	4.26000000000000E+0
PIPressure	8	1678	4.26000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	480 di 729

PIPressure	8	1679	4.26000000000000E+0
PIPressure	8	1680	4.26000000000000E+0
PIPressure	8	1681	4.26000000000000E+0
PIPressure	8	1682	4.26000000000000E+0
PIPressure	8	1683	4.26000000000000E+0
PIPressure	8	1684	4.26000000000000E+0
PIPressure	8	1685	4.26000000000000E+0
PIPressure	8	1686	4.26000000000000E+0
PIPressure	8	1687	4.26000000000000E+0
PIPressure	8	1688	4.26000000000000E+0
PIPressure	8	1689	4.26000000000000E+0
PIPressure	8	1690	4.26000000000000E+0
PIPressure	8	1691	4.26000000000000E+0
PIPressure	8	1692	4.26000000000000E+0
PIPressure	8	1693	4.26000000000000E+0
PIPressure	8	1694	4.26000000000000E+0
PIPressure	8	1695	4.26000000000000E+0
PIPressure	8	1696	4.26000000000000E+0
PIPressure	8	1697	4.26000000000000E+0
PIPressure	8	1698	4.26000000000000E+0
PIPressure	8	1699	4.26000000000000E+0
PIPressure	8	1700	4.26000000000000E+0
PIPressure	8	1701	4.26000000000000E+0
PIPressure	8	1702	4.26000000000000E+0
PIPressure	8	1703	4.26000000000000E+0
PIPressure	8	1704	4.26000000000000E+0
PIPressure	8	1705	4.26000000000000E+0

PIPressure	8	1706	4.26000000000000E+0
PIPressure	8	1707	4.26000000000000E+0
PIPressure	8	1708	4.26000000000000E+0
PIPressure	8	1709	4.26000000000000E+0
PIPressure	8	1710	4.26000000000000E+0
PIPressure	8	1711	4.26000000000000E+0
PIPressure	8	1712	4.26000000000000E+0
PIPressure	8	1713	4.26000000000000E+0
PIPressure	8	1714	4.26000000000000E+0
PIPressure	8	1715	4.26000000000000E+0
PIPressure	8	1716	4.26000000000000E+0
PIPressure	8	1717	4.26000000000000E+0
PIPressure	8	1718	4.26000000000000E+0
PIPressure	8	1719	4.26000000000000E+0
PIPressure	8	1720	4.26000000000000E+0
PIPressure	8	1721	4.26000000000000E+0
PIPressure	8	1722	4.26000000000000E+0
PIPressure	8	1723	4.26000000000000E+0
PIPressure	8	1724	4.26000000000000E+0
PIPressure	8	1725	4.26000000000000E+0
PIPressure	8	1726	4.26000000000000E+0
PIPressure	8	1727	4.26000000000000E+0
PIPressure	8	1728	4.26000000000000E+0
PIPressure	8	1729	4.26000000000000E+0
PIPressure	8	1730	4.26000000000000E+0
PIPressure	8	1731	4.26000000000000E+0
PIPressure	8	1732	4.26000000000000E+0

PIPressure	8	1733	4.26000000000000E+0
PIPressure	8	1734	4.26000000000000E+0
PIPressure	8	1735	4.26000000000000E+0
PIPressure	8	1736	4.26000000000000E+0
PIPressure	8	1737	4.26000000000000E+0
PIPressure	8	1738	4.26000000000000E+0
PIPressure	8	1739	4.26000000000000E+0
PIPressure	8	1740	4.26000000000000E+0
PIPressure	8	1741	4.26000000000000E+0
PIPressure	8	1742	4.26000000000000E+0
PIPressure	8	1743	4.26000000000000E+0
PIPressure	8	1744	4.26000000000000E+0
PIPressure	8	1745	4.26000000000000E+0
PIPressure	8	1746	4.26000000000000E+0
PIPressure	8	1747	4.26000000000000E+0
PIPressure	8	1748	4.26000000000000E+0
PIPressure	8	1749	4.26000000000000E+0
PIPressure	8	1750	4.26000000000000E+0
PIPressure	8	1751	4.26000000000000E+0
PIPressure	8	1752	4.26000000000000E+0
PIPressure	8	1753	4.26000000000000E+0
PIPressure	8	1754	4.26000000000000E+0
PIPressure	8	1755	4.26000000000000E+0
PIPressure	8	1756	4.26000000000000E+0
PIPressure	8	1757	4.26000000000000E+0
PIPressure	8	1758	4.26000000000000E+0
PIPressure	8	1759	4.26000000000000E+0

PIPressure	8	1760	4.26000000000000E+0
PIPressure	8	1761	4.26000000000000E+0
PIPressure	8	1762	4.26000000000000E+0
PIPressure	8	1763	4.26000000000000E+0
PIPressure	8	1764	4.26000000000000E+0
PIPressure	8	1765	4.26000000000000E+0
PIPressure	8	1766	4.26000000000000E+0
PIPressure	8	1767	4.26000000000000E+0
PIPressure	8	1768	4.26000000000000E+0
PIPressure	8	1769	4.26000000000000E+0
PIPressure	8	1770	4.26000000000000E+0
PIPressure	8	1771	4.26000000000000E+0
PIPressure	8	1772	4.26000000000000E+0
PIPressure	8	1773	4.26000000000000E+0
PIPressure	8	1774	4.26000000000000E+0
PIPressure	8	1775	4.26000000000000E+0
PIPressure	8	1776	4.26000000000000E+0
PIPressure	8	1777	4.26000000000000E+0
PIPressure	8	1778	4.26000000000000E+0
PIPressure	8	1779	4.26000000000000E+0
PIPressure	8	1780	4.26000000000000E+0
PIPressure	8	1781	4.26000000000000E+0
PIPressure	8	1782	4.26000000000000E+0
PIPressure	8	1783	4.26000000000000E+0
PIPressure	8	1784	4.26000000000000E+0
PIPressure	8	1785	4.26000000000000E+0
PIPressure	8	1786	4.26000000000000E+0

PIPressure	8	1787	4.26000000000000E+0
PIPressure	8	1788	4.26000000000000E+0
PIPressure	8	1789	4.26000000000000E+0
PIPressure	8	1790	4.26000000000000E+0
PIPressure	8	1791	4.26000000000000E+0
PIPressure	8	1792	4.26000000000000E+0
PIPressure	8	1793	4.26000000000000E+0
PIPressure	8	1794	4.26000000000000E+0
PIPressure	8	1795	4.26000000000000E+0
PIPressure	8	1796	4.26000000000000E+0
PIPressure	8	1797	4.26000000000000E+0
PIPressure	8	1798	4.26000000000000E+0
PIPressure	8	1799	4.26000000000000E+0
PIPressure	8	1800	4.26000000000000E+0
PIPressure	8	1801	4.26000000000000E+0
PIPressure	8	1802	4.26000000000000E+0
PIPressure	8	1803	4.26000000000000E+0
PIPressure	8	1804	4.26000000000000E+0
PIPressure	8	1805	4.26000000000000E+0
PIPressure	8	1806	4.26000000000000E+0
PIPressure	8	1807	4.26000000000000E+0
PIPressure	8	1808	4.26000000000000E+0
PIPressure	8	1809	4.26000000000000E+0
PIPressure	8	1810	4.26000000000000E+0
PIPressure	8	1811	4.26000000000000E+0
PIPressure	8	1812	4.26000000000000E+0
PIPressure	8	1813	4.26000000000000E+0

PIPressure	8	1814	4.26000000000000E+0
PIPressure	8	1815	4.26000000000000E+0
PIPressure	8	1816	4.26000000000000E+0
PIPressure	8	1817	4.26000000000000E+0
PIPressure	8	1818	4.26000000000000E+0
PIPressure	8	1819	4.26000000000000E+0
PIPressure	8	1820	4.26000000000000E+0
PIPressure	8	1821	4.26000000000000E+0
PIPressure	8	1822	4.26000000000000E+0
PIPressure	8	1823	4.26000000000000E+0
PIPressure	8	1824	4.26000000000000E+0
PIPressure	8	1825	4.26000000000000E+0
PIPressure	8	1826	4.26000000000000E+0
PIPressure	8	1827	4.26000000000000E+0
PIPressure	8	1828	4.26000000000000E+0
PIPressure	8	1829	4.26000000000000E+0
PIPressure	8	1830	4.26000000000000E+0
PIPressure	8	1831	4.26000000000000E+0
PIPressure	8	1832	4.26000000000000E+0
PIPressure	8	1833	4.26000000000000E+0
PIPressure	8	1834	4.26000000000000E+0
PIPressure	8	1835	4.26000000000000E+0
PIPressure	8	1836	4.26000000000000E+0
PIPressure	8	1837	4.26000000000000E+0
PIPressure	8	1838	4.26000000000000E+0
PIPressure	8	1839	4.26000000000000E+0
PIPressure	8	1840	4.26000000000000E+0

PIPressure	8	1841	4.26000000000000E+0
PIPressure	8	1842	4.26000000000000E+0
PIPressure	8	1843	4.26000000000000E+0
PIPressure	8	1844	4.26000000000000E+0
PIPressure	8	1845	4.26000000000000E+0
PIPressure	8	1846	4.26000000000000E+0
PIPressure	8	1847	4.26000000000000E+0
PIPressure	8	1848	4.26000000000000E+0
PIPressure	8	1849	4.26000000000000E+0
PIPressure	8	1850	4.26000000000000E+0
PIPressure	8	1851	4.26000000000000E+0
PIPressure	8	1852	4.26000000000000E+0
PIPressure	8	1853	4.26000000000000E+0
PIPressure	8	1854	4.26000000000000E+0
PIPressure	8	1855	4.26000000000000E+0
PIPressure	8	1856	4.26000000000000E+0
PIPressure	8	1857	4.26000000000000E+0
PIPressure	8	1858	4.26000000000000E+0
PIPressure	8	1859	4.26000000000000E+0
PIPressure	8	1860	4.26000000000000E+0
PIPressure	8	1861	4.26000000000000E+0
PIPressure	8	1862	4.26000000000000E+0
PIPressure	8	1863	4.26000000000000E+0
PIPressure	8	1864	4.26000000000000E+0
PIPressure	8	1865	4.26000000000000E+0
PIPressure	8	1866	4.26000000000000E+0
PIPressure	8	1867	4.26000000000000E+0

PIPressure	8	1868	4.26000000000000E+0
PIPressure	8	1869	4.26000000000000E+0
PIPressure	8	1870	4.26000000000000E+0
PIPressure	8	1871	4.26000000000000E+0
PIPressure	8	1872	4.26000000000000E+0
PIPressure	8	1873	4.26000000000000E+0
PIPressure	8	1874	4.26000000000000E+0
PIPressure	8	1875	4.26000000000000E+0
PIPressure	8	1876	4.26000000000000E+0
PIPressure	8	1877	4.26000000000000E+0
PIPressure	8	1878	4.26000000000000E+0
PIPressure	8	1879	4.26000000000000E+0
PIPressure	8	1880	4.26000000000000E+0
PIPressure	8	1881	4.26000000000000E+0
PIPressure	8	1882	4.26000000000000E+0
PIPressure	8	1883	4.26000000000000E+0
PIPressure	8	1884	4.26000000000000E+0
PIPressure	8	1885	4.26000000000000E+0
PIPressure	8	1886	4.26000000000000E+0
PIPressure	8	1887	4.26000000000000E+0
PIPressure	8	1888	4.26000000000000E+0
PIPressure	8	1889	4.26000000000000E+0
PIPressure	8	1890	4.26000000000000E+0
PIPressure	8	1891	4.26000000000000E+0
PIPressure	8	1892	4.26000000000000E+0
PIPressure	8	1893	4.26000000000000E+0
PIPressure	8	1894	4.26000000000000E+0

PIPressure	8	1895	4.26000000000000E+0
PIPressure	8	1896	4.26000000000000E+0
PIPressure	8	1897	4.26000000000000E+0
PIPressure	8	1898	4.26000000000000E+0
PIPressure	8	1899	4.26000000000000E+0
PIPressure	8	1900	4.26000000000000E+0
PIPressure	8	1901	4.26000000000000E+0
PIPressure	8	1902	4.26000000000000E+0
PIPressure	8	1903	4.26000000000000E+0
PIPressure	8	1904	4.26000000000000E+0
PIPressure	8	1905	4.26000000000000E+0
PIPressure	8	1906	4.26000000000000E+0
PIPressure	8	1907	4.26000000000000E+0
PIPressure	8	1908	4.26000000000000E+0
PIPressure	8	1909	4.26000000000000E+0
PIPressure	8	1910	4.26000000000000E+0
PIPressure	8	1911	4.26000000000000E+0
PIPressure	8	1912	4.26000000000000E+0
PIPressure	8	1913	4.26000000000000E+0
PIPressure	8	1914	4.26000000000000E+0
PIPressure	8	1915	4.26000000000000E+0
PIPressure	8	1916	4.26000000000000E+0
PIPressure	8	1917	4.26000000000000E+0
PIPressure	8	1918	4.26000000000000E+0
PIPressure	8	1919	4.26000000000000E+0
PIPressure	8	1920	4.26000000000000E+0
PIPressure	8	1921	4.26000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	489 di 729

PIPressure	8	1922	4.26000000000000E+0
PIPressure	8	1923	4.26000000000000E+0
PIPressure	8	1924	4.26000000000000E+0
PIPressure	8	1925	4.26000000000000E+0
PIPressure	8	1926	4.26000000000000E+0
PIPressure	8	1927	4.26000000000000E+0
PIPressure	8	1928	4.26000000000000E+0
PIPressure	8	1929	4.26000000000000E+0
PIPressure	8	1930	4.26000000000000E+0
PIPressure	8	1931	4.26000000000000E+0
PIPressure	8	1932	4.26000000000000E+0
PIPressure	8	1933	4.26000000000000E+0
PIPressure	8	1934	4.26000000000000E+0
PIPressure	8	1935	4.26000000000000E+0
PIPressure	8	1936	4.26000000000000E+0
PIPressure	8	1937	4.26000000000000E+0
PIPressure	8	1938	4.26000000000000E+0
PIPressure	8	1939	4.26000000000000E+0
PIPressure	8	1940	4.26000000000000E+0
PIPressure	8	1941	4.26000000000000E+0
PIPressure	8	1942	4.26000000000000E+0
PIPressure	8	1943	4.26000000000000E+0
PIPressure	8	1944	4.26000000000000E+0
PIPressure	8	1945	4.26000000000000E+0
PIPressure	8	1946	4.26000000000000E+0
PIPressure	8	1947	4.26000000000000E+0
PIPressure	8	1948	4.26000000000000E+0

PIPressure	8	1949	4.260000000000000E+0
PIPressure	8	1950	4.260000000000000E+0
PIPressure	8	1951	4.260000000000000E+0
PIPressure	8	1952	4.260000000000000E+0
PIPressure	8	1953	4.260000000000000E+0
PIPressure	8	1954	4.260000000000000E+0
PIPressure	8	1955	4.260000000000000E+0
PIPressure	8	1956	4.260000000000000E+0
PIPressure	8	1957	4.260000000000000E+0
PIPressure	8	1958	4.260000000000000E+0
PIPressure	8	1959	4.260000000000000E+0
PIPressure	8	1960	4.260000000000000E+0
PIPressure	8	1961	4.260000000000000E+0
PIPressure	8	1962	4.260000000000000E+0
PIPressure	8	1963	4.260000000000000E+0
PIPressure	8	1964	4.260000000000000E+0
PIPressure	8	1965	4.260000000000000E+0
PIPressure	8	1966	4.260000000000000E+0
PIPressure	8	1967	4.260000000000000E+0
PIPressure	8	1968	4.260000000000000E+0
PIPressure	8	1969	4.260000000000000E+0
PIPressure	8	1970	4.260000000000000E+0
PIPressure	8	1971	4.260000000000000E+0
PIPressure	8	1972	4.260000000000000E+0
PIPressure	8	1973	4.260000000000000E+0
PIPressure	8	1974	4.260000000000000E+0
PIPressure	8	1975	4.260000000000000E+0

PIPressure	8	1976	4.26000000000000E+0
PIPressure	8	1977	4.26000000000000E+0
PIPressure	8	1978	4.26000000000000E+0
PIPressure	8	1979	4.26000000000000E+0
PIPressure	8	1980	4.26000000000000E+0
PIPressure	8	1981	4.26000000000000E+0
PIPressure	8	1982	4.26000000000000E+0
PIPressure	8	1983	4.26000000000000E+0
PIPressure	8	1984	4.26000000000000E+0
PIPressure	8	1985	4.26000000000000E+0
PIPressure	8	1986	4.26000000000000E+0
PIPressure	8	1987	4.26000000000000E+0
PIPressure	8	1988	4.26000000000000E+0
PIPressure	8	1989	4.26000000000000E+0
PIPressure	8	1990	4.26000000000000E+0
PIPressure	8	1991	4.26000000000000E+0
PIPressure	8	1992	4.26000000000000E+0
PIPressure	8	1993	4.26000000000000E+0
PIPressure	8	1994	4.26000000000000E+0
PIPressure	8	1995	4.26000000000000E+0
PIPressure	8	1996	4.26000000000000E+0
PIPressure	8	1997	4.26000000000000E+0
PIPressure	8	1998	4.26000000000000E+0
PIPressure	8	1999	4.26000000000000E+0
PIPressure	8	2000	4.26000000000000E+0
PIPressure	8	2001	4.26000000000000E+0
PIPressure	8	2002	4.26000000000000E+0

PIPressure	8	2003	4.260000000000000E+0
PIPressure	8	2004	4.260000000000000E+0
PIPressure	8	2005	4.260000000000000E+0
PIPressure	8	2006	4.260000000000000E+0
PIPressure	8	2007	4.260000000000000E+0
PIPressure	8	2008	4.260000000000000E+0
PIPressure	8	2009	4.260000000000000E+0
PIPressure	8	2010	4.260000000000000E+0
PIPressure	8	2011	4.260000000000000E+0
PIPressure	8	2012	4.260000000000000E+0
PIPressure	8	2013	4.260000000000000E+0
PIPressure	8	2014	4.260000000000000E+0
PIPressure	8	2015	4.260000000000000E+0
PIPressure	8	2016	4.260000000000000E+0
PIPressure	8	2017	4.260000000000000E+0
PIPressure	8	2018	4.260000000000000E+0
PIPressure	8	2019	4.260000000000000E+0
PIPressure	8	2020	4.260000000000000E+0
PIPressure	8	2021	4.260000000000000E+0
PIPressure	8	2022	4.260000000000000E+0
PIPressure	8	2023	4.260000000000000E+0
PIPressure	8	2024	4.260000000000000E+0
PIPressure	8	2025	4.260000000000000E+0
PIPressure	8	2026	4.260000000000000E+0
PIPressure	8	2027	4.260000000000000E+0
PIPressure	8	2028	4.260000000000000E+0
PIPressure	8	2029	4.260000000000000E+0

PIPressure	8	2030	4.26000000000000E+0
PIPressure	8	2031	4.26000000000000E+0
PIPressure	8	2032	4.26000000000000E+0
PIPressure	8	2033	4.26000000000000E+0
PIPressure	8	2034	4.26000000000000E+0
PIPressure	8	2035	4.26000000000000E+0
PIPressure	8	2036	4.26000000000000E+0
PIPressure	8	2037	4.26000000000000E+0
PIPressure	8	2038	4.26000000000000E+0
PIPressure	8	2039	4.26000000000000E+0
PIPressure	8	2040	4.26000000000000E+0
PIPressure	8	2041	4.26000000000000E+0
PIPressure	8	2042	4.26000000000000E+0
PIPressure	8	2043	4.26000000000000E+0
PIPressure	8	2044	4.26000000000000E+0
PIPressure	8	2045	4.26000000000000E+0
PIPressure	8	2046	4.26000000000000E+0
PIPressure	8	2047	4.26000000000000E+0
PIPressure	8	2048	4.26000000000000E+0
PIPressure	8	2049	4.26000000000000E+0
PIPressure	8	2050	4.26000000000000E+0
PIPressure	8	2051	4.26000000000000E+0
PIPressure	8	2052	4.26000000000000E+0
PIPressure	8	2053	4.26000000000000E+0
PIPressure	8	2054	4.26000000000000E+0
PIPressure	8	2055	4.26000000000000E+0
PIPressure	8	2056	4.26000000000000E+0

PIPressure	8	2057	4.26000000000000E+0
PIPressure	8	2058	4.26000000000000E+0
PIPressure	8	2059	4.26000000000000E+0
PIPressure	8	2060	4.26000000000000E+0
PIPressure	8	2061	4.26000000000000E+0
PIPressure	8	2062	4.26000000000000E+0
PIPressure	8	2063	4.26000000000000E+0
PIPressure	8	2064	4.26000000000000E+0
PIPressure	8	2065	4.26000000000000E+0
PIPressure	8	2066	4.26000000000000E+0
PIPressure	8	2067	4.26000000000000E+0
PIPressure	8	2068	4.26000000000000E+0
PIPressure	8	2069	4.26000000000000E+0
PIPressure	8	2070	4.26000000000000E+0
PIPressure	8	2071	4.26000000000000E+0
PIPressure	8	2072	4.26000000000000E+0
PIPressure	8	2073	4.26000000000000E+0
PIPressure	8	2074	4.26000000000000E+0
PIPressure	8	2075	4.26000000000000E+0
PIPressure	8	2076	4.26000000000000E+0
PIPressure	8	2077	4.26000000000000E+0
PIPressure	8	2078	4.26000000000000E+0
PIPressure	8	2079	4.26000000000000E+0
PIPressure	8	2080	4.26000000000000E+0
PIPressure	8	2081	4.26000000000000E+0
PIPressure	8	2082	4.26000000000000E+0
PIPressure	8	2083	4.26000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	495 di 729

PIPressure	8	2084	4.26000000000000E+0
PIPressure	8	2085	4.26000000000000E+0
PIPressure	8	2086	4.26000000000000E+0
PIPressure	8	2087	4.26000000000000E+0
PIPressure	8	2088	4.26000000000000E+0
PIPressure	8	2089	4.26000000000000E+0
PIPressure	8	2090	4.26000000000000E+0
PIPressure	8	2091	4.26000000000000E+0
PIPressure	8	2092	4.26000000000000E+0
PIPressure	8	2093	4.26000000000000E+0
PIPressure	8	2094	4.26000000000000E+0
PIPressure	8	2095	4.26000000000000E+0
PIPressure	8	2096	4.26000000000000E+0
PIPressure	8	2097	4.26000000000000E+0
PIPressure	8	2098	4.26000000000000E+0
PIPressure	8	2099	4.26000000000000E+0
PIPressure	8	2100	4.26000000000000E+0
PIPressure	8	2101	4.26000000000000E+0
PIPressure	8	2102	4.26000000000000E+0
PIPressure	8	2103	4.26000000000000E+0
PIPressure	8	2104	4.26000000000000E+0
PIPressure	8	2105	4.26000000000000E+0
PIPressure	8	2106	4.26000000000000E+0
PIPressure	8	2107	4.26000000000000E+0
PIPressure	8	2108	4.26000000000000E+0
PIPressure	8	2109	4.26000000000000E+0
PIPressure	8	2110	4.26000000000000E+0

PIPressure	8	2111	4.260000000000000E+0
PIPressure	8	2112	4.260000000000000E+0
PIPressure	8	2113	4.260000000000000E+0
PIPressure	8	2114	4.260000000000000E+0
PIPressure	8	2115	4.260000000000000E+0
PIPressure	8	2116	4.260000000000000E+0
PIPressure	8	2117	4.260000000000000E+0
PIPressure	8	2118	4.260000000000000E+0
PIPressure	8	2119	4.260000000000000E+0
PIPressure	8	2120	4.260000000000000E+0
PIPressure	8	2121	4.260000000000000E+0
PIPressure	8	2122	4.260000000000000E+0
PIPressure	8	2123	4.260000000000000E+0
PIPressure	8	2124	4.260000000000000E+0
PIPressure	8	2125	4.260000000000000E+0
PIPressure	8	2126	4.260000000000000E+0
PIPressure	8	2127	4.260000000000000E+0
PIPressure	8	2128	4.260000000000000E+0
PIPressure	8	2129	4.260000000000000E+0
PIPressure	8	2130	4.260000000000000E+0
PIPressure	8	2131	4.260000000000000E+0
PIPressure	8	2132	4.260000000000000E+0
PIPressure	8	2133	4.260000000000000E+0
PIPressure	8	2134	4.260000000000000E+0
PIPressure	8	2135	4.260000000000000E+0
PIPressure	8	2136	4.260000000000000E+0
PIPressure	8	2137	4.260000000000000E+0

PIPressure	8	2138	4.26000000000000E+0
PIPressure	8	2139	4.26000000000000E+0
PIPressure	8	2140	4.26000000000000E+0
PIPressure	8	2141	4.26000000000000E+0
PIPressure	8	2142	4.26000000000000E+0
PIPressure	8	2143	4.26000000000000E+0
PIPressure	8	2144	4.26000000000000E+0
PIPressure	8	2145	4.26000000000000E+0
PIPressure	8	2146	4.26000000000000E+0
PIPressure	8	2147	4.26000000000000E+0
PIPressure	8	2148	4.26000000000000E+0
PIPressure	8	2149	4.26000000000000E+0
PIPressure	8	2150	4.26000000000000E+0
PIPressure	8	2151	4.26000000000000E+0
PIPressure	8	2152	4.26000000000000E+0
PIPressure	8	2153	4.26000000000000E+0
PIPressure	8	2154	4.26000000000000E+0
PIPressure	8	2155	4.26000000000000E+0
PIPressure	8	2156	4.26000000000000E+0
PIPressure	8	2157	4.26000000000000E+0
PIPressure	8	2158	4.26000000000000E+0
PIPressure	8	2159	4.26000000000000E+0
PIPressure	8	2160	4.26000000000000E+0
PIPressure	8	2161	4.26000000000000E+0
PIPressure	8	2162	4.26000000000000E+0
PIPressure	8	2163	4.26000000000000E+0
PIPressure	8	2164	4.26000000000000E+0

PIPressure	8	2165	4.26000000000000E+0
PIPressure	8	2166	4.26000000000000E+0
PIPressure	8	2167	4.26000000000000E+0
PIPressure	8	2168	4.26000000000000E+0
PIPressure	8	2169	4.26000000000000E+0
PIPressure	8	2170	4.26000000000000E+0
PIPressure	8	2171	4.26000000000000E+0
PIPressure	8	2172	4.26000000000000E+0
PIPressure	8	2173	4.26000000000000E+0
PIPressure	8	2174	4.26000000000000E+0
PIPressure	8	2175	4.26000000000000E+0
PIPressure	8	2176	4.26000000000000E+0
PIPressure	8	2177	4.26000000000000E+0
PIPressure	8	2178	4.26000000000000E+0
PIPressure	8	2179	4.26000000000000E+0
PIPressure	8	2180	4.26000000000000E+0
PIPressure	8	2181	4.26000000000000E+0
PIPressure	8	2182	4.26000000000000E+0
PIPressure	8	2183	4.26000000000000E+0
PIPressure	8	2184	4.26000000000000E+0
PIPressure	8	2185	4.26000000000000E+0
PIPressure	8	2186	4.26000000000000E+0
PIPressure	8	2187	4.26000000000000E+0
PIPressure	8	2188	4.26000000000000E+0
PIPressure	8	2189	4.26000000000000E+0
PIPressure	8	2190	4.26000000000000E+0
PIPressure	8	2191	4.26000000000000E+0

PIPressure	8	2192	4.26000000000000E+0
PIPressure	8	2193	4.26000000000000E+0
PIPressure	8	2194	4.26000000000000E+0
PIPressure	8	2195	4.26000000000000E+0
PIPressure	8	2196	4.26000000000000E+0
PIPressure	8	2197	4.26000000000000E+0
PIPressure	8	2198	4.26000000000000E+0
PIPressure	8	2199	4.26000000000000E+0
PIPressure	8	2200	4.26000000000000E+0
PIPressure	8	2201	4.26000000000000E+0
PIPressure	8	2202	4.26000000000000E+0
PIPressure	8	2203	4.26000000000000E+0
PIPressure	8	2204	4.26000000000000E+0
PIPressure	8	2205	4.26000000000000E+0
PIPressure	8	2206	4.26000000000000E+0
PIPressure	8	2207	4.26000000000000E+0
PIPressure	8	2208	4.26000000000000E+0
PIPressure	8	2209	4.26000000000000E+0
PIPressure	8	2210	4.26000000000000E+0
PIPressure	8	2211	4.26000000000000E+0
PIPressure	8	2212	4.26000000000000E+0
PIPressure	8	2213	4.26000000000000E+0
PIPressure	8	2214	4.26000000000000E+0
PIPressure	8	2215	4.26000000000000E+0
PIPressure	8	2216	4.26000000000000E+0
PIPressure	8	2217	4.26000000000000E+0
PIPressure	8	2218	4.26000000000000E+0

PIPressure	8	2219	4.26000000000000E+0
PIPressure	8	2220	4.26000000000000E+0
PIPressure	8	2221	4.26000000000000E+0
PIPressure	8	2222	4.26000000000000E+0
PIPressure	8	2223	4.26000000000000E+0
PIPressure	8	2224	4.26000000000000E+0
PIPressure	8	2225	4.26000000000000E+0
PIPressure	8	2226	4.26000000000000E+0
PIPressure	8	2227	4.26000000000000E+0
PIPressure	8	2228	4.26000000000000E+0
PIPressure	8	2229	4.26000000000000E+0
PIPressure	8	2230	4.26000000000000E+0
PIPressure	8	2231	4.26000000000000E+0
PIPressure	8	2232	4.26000000000000E+0
PIPressure	8	2233	4.26000000000000E+0
PIPressure	8	2234	4.26000000000000E+0
PIPressure	8	2235	4.26000000000000E+0
PIPressure	8	2236	4.26000000000000E+0
PIPressure	8	2237	4.26000000000000E+0
PIPressure	8	2238	4.26000000000000E+0
PIPressure	8	2239	4.26000000000000E+0
PIPressure	8	2240	4.26000000000000E+0
PIPressure	8	2241	4.26000000000000E+0
PIPressure	8	2242	4.26000000000000E+0
PIPressure	8	2243	4.26000000000000E+0
PIPressure	8	2244	4.26000000000000E+0
PIPressure	8	2245	4.26000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	501 di 729

PIPressure	8	2246	4.26000000000000E+0
PIPressure	8	2247	4.26000000000000E+0
PIPressure	8	2248	4.26000000000000E+0
PIPressure	8	2249	4.26000000000000E+0
PIPressure	8	2250	4.26000000000000E+0
PIPressure	8	2251	4.26000000000000E+0
PIPressure	8	2252	4.26000000000000E+0
PIPressure	8	2253	4.26000000000000E+0
PIPressure	8	2254	4.26000000000000E+0
PIPressure	8	2255	4.26000000000000E+0
PIPressure	8	2256	4.26000000000000E+0
PIPressure	8	2257	4.26000000000000E+0
PIPressure	8	2258	4.26000000000000E+0
PIPressure	8	2259	4.26000000000000E+0
PIPressure	8	2260	4.26000000000000E+0
PIPressure	8	2261	4.26000000000000E+0
PIPressure	8	2262	4.26000000000000E+0
PIPressure	8	2263	4.26000000000000E+0
PIPressure	8	2264	4.26000000000000E+0
PIPressure	8	2265	4.26000000000000E+0
PIPressure	8	2266	4.26000000000000E+0
PIPressure	8	2267	4.26000000000000E+0
PIPressure	8	2268	4.26000000000000E+0
PIPressure	8	2269	4.26000000000000E+0
PIPressure	8	2270	4.26000000000000E+0
PIPressure	8	2271	4.26000000000000E+0
PIPressure	8	2272	4.26000000000000E+0

PIPressure	8	2273	4.26000000000000E+0
PIPressure	8	2274	4.26000000000000E+0
PIPressure	8	2275	4.26000000000000E+0
PIPressure	8	2276	4.26000000000000E+0
PIPressure	8	2277	4.26000000000000E+0
PIPressure	8	2278	4.26000000000000E+0
PIPressure	8	2279	4.26000000000000E+0
PIPressure	8	2280	4.26000000000000E+0
PIPressure	8	2281	4.26000000000000E+0
PIPressure	8	2282	4.26000000000000E+0
PIPressure	8	2283	4.26000000000000E+0
PIPressure	8	2284	4.26000000000000E+0
PIPressure	8	2285	4.26000000000000E+0
PIPressure	8	2286	4.26000000000000E+0
PIPressure	8	2287	4.26000000000000E+0
PIPressure	8	2288	4.26000000000000E+0
PIPressure	8	2289	4.26000000000000E+0
PIPressure	8	2290	4.26000000000000E+0
PIPressure	8	2291	4.26000000000000E+0
PIPressure	8	2292	4.26000000000000E+0
PIPressure	8	2293	4.26000000000000E+0
PIPressure	8	2294	4.26000000000000E+0
PIPressure	8	2295	4.26000000000000E+0
PIPressure	8	2296	4.26000000000000E+0
PIPressure	8	2297	4.26000000000000E+0
PIPressure	8	2298	4.26000000000000E+0
PIPressure	8	2299	4.26000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	503 di 729

PIPressure	8	2300	4.26000000000000E+0
PIPressure	8	2301	4.26000000000000E+0
PIPressure	8	2302	4.26000000000000E+0
PIPressure	8	2303	4.26000000000000E+0
PIPressure	8	2304	4.26000000000000E+0
PIPressure	8	2305	4.26000000000000E+0
PIPressure	8	2306	4.26000000000000E+0
PIPressure	8	2307	4.26000000000000E+0
PIPressure	8	2308	4.26000000000000E+0
PIPressure	8	2309	4.26000000000000E+0
PIPressure	8	2310	4.26000000000000E+0
PIPressure	8	2311	4.26000000000000E+0
PIPressure	8	2312	4.26000000000000E+0
PIPressure	8	2313	4.26000000000000E+0
PIPressure	8	2314	4.26000000000000E+0
PIPressure	8	2315	4.26000000000000E+0
PIPressure	8	2316	4.26000000000000E+0
PIPressure	8	2317	4.26000000000000E+0
PIPressure	8	2318	4.26000000000000E+0
PIPressure	8	2319	4.26000000000000E+0
PIPressure	8	2320	4.26000000000000E+0
PIPressure	8	2321	4.26000000000000E+0
PIPressure	8	2322	4.26000000000000E+0
PIPressure	8	2323	4.26000000000000E+0
PIPressure	8	2324	4.26000000000000E+0
PIPressure	8	2325	4.26000000000000E+0
PIPressure	8	2326	4.26000000000000E+0

PIPressure	8	2327	4.26000000000000E+0
PIPressure	8	2328	4.26000000000000E+0
PIPressure	8	2329	4.26000000000000E+0
PIPressure	8	2330	4.26000000000000E+0
PIPressure	8	2331	4.26000000000000E+0
PIPressure	8	2332	4.26000000000000E+0
PIPressure	8	2333	4.26000000000000E+0
PIPressure	8	2334	4.26000000000000E+0
PIPressure	8	2335	4.26000000000000E+0
PIPressure	8	2336	4.26000000000000E+0
PIPressure	8	2337	4.26000000000000E+0
PIPressure	8	2338	4.26000000000000E+0
PIPressure	8	2339	4.26000000000000E+0
PIPressure	8	2340	4.26000000000000E+0
PIPressure	8	2341	4.26000000000000E+0
PIPressure	8	2342	4.26000000000000E+0
PIPressure	8	2343	4.26000000000000E+0
PIPressure	8	2344	4.26000000000000E+0
PIPressure	8	2345	4.26000000000000E+0
PIPressure	8	2346	4.26000000000000E+0
PIPressure	8	2347	4.26000000000000E+0
PIPressure	8	2348	4.26000000000000E+0
PIPressure	8	2349	4.26000000000000E+0
PIPressure	8	2350	4.26000000000000E+0
PIPressure	8	2351	4.26000000000000E+0
PIPressure	8	2352	4.26000000000000E+0
PIPressure	8	2353	4.26000000000000E+0

PIPressure	8	2354	4.26000000000000E+0
PIPressure	8	2355	4.26000000000000E+0
PIPressure	8	2356	4.26000000000000E+0
PIPressure	8	2357	4.26000000000000E+0
PIPressure	8	2358	4.26000000000000E+0
PIPressure	8	2359	4.26000000000000E+0
PIPressure	8	2360	4.26000000000000E+0
PIPressure	8	2361	4.26000000000000E+0
PIPressure	8	2362	4.26000000000000E+0
PIPressure	8	2363	4.26000000000000E+0
PIPressure	8	2364	4.26000000000000E+0
PIPressure	8	2365	4.26000000000000E+0
PIPressure	8	2366	4.26000000000000E+0
PIPressure	8	2367	4.26000000000000E+0
PIPressure	8	2368	4.26000000000000E+0
PIPressure	8	2369	4.26000000000000E+0
PIPressure	8	2370	4.26000000000000E+0
PIPressure	8	2371	4.26000000000000E+0
PIPressure	8	2372	4.26000000000000E+0
PIPressure	8	2373	4.26000000000000E+0
PIPressure	8	2374	4.26000000000000E+0
PIPressure	8	2375	4.26000000000000E+0
PIPressure	8	2376	4.26000000000000E+0
PIPressure	8	2377	4.26000000000000E+0
PIPressure	8	2378	4.26000000000000E+0
PIPressure	8	2379	4.26000000000000E+0
PIPressure	8	2380	4.26000000000000E+0

PIPressure	8	2381	4.26000000000000E+0
PIPressure	8	2382	4.26000000000000E+0
PIPressure	8	2383	4.26000000000000E+0
PIPressure	8	2384	4.26000000000000E+0
PIPressure	8	2385	4.26000000000000E+0
PIPressure	8	2386	4.26000000000000E+0
PIPressure	8	2387	4.26000000000000E+0
PIPressure	8	2388	4.26000000000000E+0
PIPressure	8	2389	4.26000000000000E+0
PIPressure	8	2390	4.26000000000000E+0
PIPressure	8	2391	4.26000000000000E+0
PIPressure	8	2392	4.26000000000000E+0
PIPressure	8	2393	4.26000000000000E+0
PIPressure	8	2394	4.26000000000000E+0
PIPressure	8	2395	4.26000000000000E+0
PIPressure	8	2396	4.26000000000000E+0
PIPressure	8	2397	4.26000000000000E+0
PIPressure	8	2398	4.26000000000000E+0
PIPressure	8	2399	4.26000000000000E+0
PIPressure	8	2400	4.26000000000000E+0
PIPressure	8	2401	4.26000000000000E+0
PIPressure	8	2402	4.26000000000000E+0
PIPressure	8	2403	4.26000000000000E+0
PIPressure	8	2404	4.26000000000000E+0
PIPressure	8	2405	4.26000000000000E+0
PIPressure	8	2406	4.26000000000000E+0
PIPressure	8	2407	4.26000000000000E+0

PIPressure	8	2408	4.26000000000000E+0
PIPressure	8	2409	4.26000000000000E+0
PIPressure	8	2410	4.26000000000000E+0
PIPressure	8	2411	4.26000000000000E+0
PIPressure	8	2412	4.26000000000000E+0
PIPressure	8	2413	4.26000000000000E+0
PIPressure	8	2414	4.26000000000000E+0
PIPressure	8	2415	4.26000000000000E+0
PIPressure	8	2416	4.26000000000000E+0
PIPressure	8	2417	4.26000000000000E+0
PIPressure	8	2418	4.26000000000000E+0
PIPressure	8	2419	4.26000000000000E+0
PIPressure	8	2420	4.26000000000000E+0
PIPressure	8	2421	4.26000000000000E+0
PIPressure	8	2422	4.26000000000000E+0
PIPressure	8	2423	4.26000000000000E+0
PIPressure	8	2424	4.26000000000000E+0
PIPressure	8	2425	4.26000000000000E+0
PIPressure	8	2426	4.26000000000000E+0
PIPressure	8	2427	4.26000000000000E+0
PIPressure	8	2428	4.26000000000000E+0
PIPressure	8	2429	4.26000000000000E+0
PIPressure	8	2430	4.26000000000000E+0
PIPressure	8	2431	4.26000000000000E+0
PIPressure	8	2432	4.26000000000000E+0
PIPressure	8	2433	4.26000000000000E+0
PIPressure	8	2434	4.26000000000000E+0

PIPressure	8	2435	4.260000000000000E+0
PIPressure	8	2436	4.260000000000000E+0
PIPressure	8	2437	4.260000000000000E+0
PIPressure	8	2438	4.260000000000000E+0
PIPressure	8	2439	4.260000000000000E+0
PIPressure	8	2440	4.260000000000000E+0
PIPressure	8	2441	4.260000000000000E+0
PIPressure	8	2442	4.260000000000000E+0
PIPressure	8	2443	4.260000000000000E+0
PIPressure	8	2444	4.260000000000000E+0
PIPressure	8	2445	4.260000000000000E+0
PIPressure	8	2446	4.260000000000000E+0
PIPressure	8	2447	4.260000000000000E+0
PIPressure	8	2448	4.260000000000000E+0
PIPressure	8	2449	4.260000000000000E+0
PIPressure	8	2450	4.260000000000000E+0
PIPressure	8	2451	4.260000000000000E+0
PIPressure	8	2452	4.260000000000000E+0
PIPressure	8	2453	4.260000000000000E+0
PIPressure	8	2454	4.260000000000000E+0
PIPressure	8	2455	4.260000000000000E+0
PIPressure	8	2456	4.260000000000000E+0
PIPressure	8	2457	4.260000000000000E+0
PIPressure	8	2458	4.260000000000000E+0
PIPressure	8	2459	4.260000000000000E+0
PIPressure	8	2460	4.260000000000000E+0
PIPressure	8	2461	4.260000000000000E+0

PIPressure	8	2462	4.26000000000000E+0
PIPressure	8	2463	4.26000000000000E+0
PIPressure	8	2464	4.26000000000000E+0
PIPressure	8	2465	4.26000000000000E+0
PIPressure	8	2466	4.26000000000000E+0
PIPressure	8	2467	4.26000000000000E+0
PIPressure	8	2468	4.26000000000000E+0
PIPressure	8	2469	4.26000000000000E+0
PIPressure	8	2470	4.26000000000000E+0
PIPressure	8	2471	4.26000000000000E+0
PIPressure	8	2472	4.26000000000000E+0
PIPressure	8	2473	4.26000000000000E+0
PIPressure	8	2474	4.26000000000000E+0
PIPressure	8	2475	4.26000000000000E+0
PIPressure	8	2476	4.26000000000000E+0
PIPressure	8	2477	4.26000000000000E+0
PIPressure	8	2478	4.26000000000000E+0
PIPressure	8	2479	4.26000000000000E+0
PIPressure	8	2480	4.26000000000000E+0
PIPressure	8	2481	4.26000000000000E+0
PIPressure	8	2482	4.26000000000000E+0
PIPressure	8	2483	4.26000000000000E+0
PIPressure	8	2484	4.26000000000000E+0
PIPressure	8	2485	4.26000000000000E+0
PIPressure	8	2486	4.26000000000000E+0
PIPressure	8	2487	4.26000000000000E+0
PIPressure	8	2488	4.26000000000000E+0

PIPressure	8	2489	4.26000000000000E+0
PIPressure	8	2490	4.26000000000000E+0
PIPressure	8	2491	4.26000000000000E+0
PIPressure	8	2492	4.26000000000000E+0
PIPressure	8	2493	4.26000000000000E+0
PIPressure	8	2494	4.26000000000000E+0
PIPressure	8	2495	4.26000000000000E+0
PIPressure	8	2496	4.26000000000000E+0
PIPressure	8	2497	4.26000000000000E+0
PIPressure	8	2498	4.26000000000000E+0
PIPressure	8	2499	4.26000000000000E+0
PIPressure	8	2500	4.26000000000000E+0
PIPressure	8	2501	4.26000000000000E+0
PIPressure	8	2502	4.26000000000000E+0
PIPressure	8	2503	4.26000000000000E+0
PIPressure	8	2504	4.26000000000000E+0
PIPressure	8	2505	4.26000000000000E+0
PIPressure	8	2506	4.26000000000000E+0
PIPressure	8	2507	4.26000000000000E+0
PIPressure	8	2508	4.26000000000000E+0
PIPressure	8	2509	4.26000000000000E+0
PIPressure	8	2510	4.26000000000000E+0
PIPressure	8	2511	4.26000000000000E+0
PIPressure	8	2512	4.26000000000000E+0
PIPressure	8	2513	4.26000000000000E+0
PIPressure	8	2514	4.26000000000000E+0
PIPressure	8	2515	4.26000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	511 di 729

PIPressure	8	2516	4.26000000000000E+0
PIPressure	8	2517	4.26000000000000E+0
PIPressure	8	2518	4.26000000000000E+0
PIPressure	8	2519	4.26000000000000E+0
PIPressure	8	2520	4.26000000000000E+0
PIPressure	8	2521	4.26000000000000E+0
PIPressure	8	2522	4.26000000000000E+0
PIPressure	8	2523	4.26000000000000E+0
PIPressure	8	2524	4.26000000000000E+0
PIPressure	8	2525	4.26000000000000E+0
PIPressure	8	2526	4.26000000000000E+0
PIPressure	8	2527	4.26000000000000E+0
PIPressure	8	2528	4.26000000000000E+0
PIPressure	8	2529	4.26000000000000E+0
PIPressure	8	2530	4.26000000000000E+0
PIPressure	8	2531	4.26000000000000E+0
PIPressure	8	2532	4.26000000000000E+0
PIPressure	8	2533	4.26000000000000E+0
PIPressure	8	2534	4.26000000000000E+0
PIPressure	8	2535	4.26000000000000E+0
PIPressure	8	2536	4.26000000000000E+0
PIPressure	8	2537	4.26000000000000E+0
PIPressure	8	2538	4.26000000000000E+0
PIPressure	8	2539	4.26000000000000E+0
PIPressure	8	2540	4.26000000000000E+0
PIPressure	8	2541	4.26000000000000E+0
PIPressure	8	2542	4.26000000000000E+0

PIPressure	8	2543	4.260000000000000E+0
PIPressure	8	2544	4.260000000000000E+0
PIPressure	8	2545	4.260000000000000E+0
PIPressure	8	2546	4.260000000000000E+0
PIPressure	8	2547	4.260000000000000E+0
PIPressure	8	2548	4.260000000000000E+0
PIPressure	8	2549	4.260000000000000E+0
PIPressure	8	2550	4.260000000000000E+0
PIPressure	8	2551	4.260000000000000E+0
PIPressure	8	2552	4.260000000000000E+0
PIPressure	8	2553	4.260000000000000E+0
PIPressure	8	2554	4.260000000000000E+0
PIPressure	8	2555	4.260000000000000E+0
PIPressure	8	2556	4.260000000000000E+0
PIPressure	8	2557	4.260000000000000E+0
PIPressure	8	2558	4.260000000000000E+0
PIPressure	8	2559	4.260000000000000E+0
PIPressure	8	2560	4.260000000000000E+0
PIPressure	8	2561	4.260000000000000E+0
PIPressure	8	2562	4.260000000000000E+0
PIPressure	8	2563	4.260000000000000E+0
PIPressure	8	2564	4.260000000000000E+0
PIPressure	8	2565	4.260000000000000E+0
PIPressure	8	2566	4.260000000000000E+0
PIPressure	8	2567	4.260000000000000E+0
PIPressure	8	2568	4.260000000000000E+0
PIPressure	8	2569	4.260000000000000E+0

PIPressure	8	2570	4.26000000000000E+0
PIPressure	8	2571	4.26000000000000E+0
PIPressure	8	2572	4.26000000000000E+0
PIPressure	8	2573	4.26000000000000E+0
PIPressure	8	2574	4.26000000000000E+0
PIPressure	8	2575	4.26000000000000E+0
PIPressure	8	2576	4.26000000000000E+0
PIPressure	8	2577	4.26000000000000E+0
PIPressure	8	2578	4.26000000000000E+0
PIPressure	8	2579	4.26000000000000E+0
PIPressure	8	2580	4.26000000000000E+0
PIPressure	8	2581	4.26000000000000E+0
PIPressure	8	2582	4.26000000000000E+0
PIPressure	8	2583	4.26000000000000E+0
PIPressure	8	2584	4.26000000000000E+0
PIPressure	8	2585	4.26000000000000E+0
PIPressure	8	2586	4.26000000000000E+0
PIPressure	8	2587	4.26000000000000E+0
PIPressure	8	2588	4.26000000000000E+0
PIPressure	8	2589	4.26000000000000E+0
PIPressure	8	2590	4.26000000000000E+0
PIPressure	8	2591	4.26000000000000E+0
PIPressure	8	2592	4.26000000000000E+0
PIPressure	8	2593	4.26000000000000E+0
PIPressure	8	2594	4.26000000000000E+0
PIPressure	8	2595	4.26000000000000E+0
PIPressure	8	2596	4.26000000000000E+0

PIPressure	8	2597	4.260000000000000E+0
PIPressure	8	2598	4.260000000000000E+0
PIPressure	8	2599	4.260000000000000E+0
PIPressure	8	2600	4.260000000000000E+0
PIPressure	8	2601	4.260000000000000E+0
PIPressure	8	2602	4.260000000000000E+0
PIPressure	8	2603	4.260000000000000E+0
PIPressure	8	2604	4.260000000000000E+0
PIPressure	8	2605	4.260000000000000E+0
PIPressure	8	2606	4.260000000000000E+0
PIPressure	8	2607	4.260000000000000E+0
PIPressure	8	2608	4.260000000000000E+0
PIPressure	8	2609	4.260000000000000E+0
PIPressure	8	2610	4.260000000000000E+0
PIPressure	8	2611	4.260000000000000E+0
PIPressure	8	2612	4.260000000000000E+0
PIPressure	8	2613	4.260000000000000E+0
PIPressure	8	2614	4.260000000000000E+0
PIPressure	8	2615	4.260000000000000E+0
PIPressure	8	2616	4.260000000000000E+0
PIPressure	8	2617	4.260000000000000E+0
PIPressure	8	2618	4.260000000000000E+0
PIPressure	8	2619	4.260000000000000E+0
PIPressure	8	2620	4.260000000000000E+0
PIPressure	8	2621	4.260000000000000E+0
PIPressure	8	2622	4.260000000000000E+0
PIPressure	8	2623	4.260000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	515 di 729

PIPressure	8	2624	4.26000000000000E+0
PIPressure	8	2625	4.26000000000000E+0
PIPressure	8	2626	4.26000000000000E+0
PIPressure	8	2627	4.26000000000000E+0
PIPressure	8	2628	4.26000000000000E+0
PIPressure	8	2629	4.26000000000000E+0
PIPressure	8	2630	4.26000000000000E+0
PIPressure	8	2631	4.26000000000000E+0
PIPressure	8	2632	4.26000000000000E+0
PIPressure	8	2633	4.26000000000000E+0
PIPressure	8	2634	4.26000000000000E+0
PIPressure	8	2635	4.26000000000000E+0
PIPressure	8	2636	4.26000000000000E+0
PIPressure	8	2637	4.26000000000000E+0
PIPressure	8	2638	4.26000000000000E+0
PIPressure	8	2639	4.26000000000000E+0
PIPressure	8	2640	4.26000000000000E+0
PIPressure	8	2641	4.26000000000000E+0
PIPressure	8	2642	4.26000000000000E+0
PIPressure	8	2643	4.26000000000000E+0
PIPressure	8	2644	4.26000000000000E+0
PIPressure	8	2645	4.26000000000000E+0
PIPressure	8	2646	4.26000000000000E+0
PIPressure	8	2647	4.26000000000000E+0
PIPressure	8	2648	4.26000000000000E+0
PIPressure	8	2649	4.26000000000000E+0
PIPressure	8	2650	4.26000000000000E+0

PIPressure	8	2651	4.26000000000000E+0
PIPressure	8	2652	4.26000000000000E+0
PIPressure	8	2653	4.26000000000000E+0
PIPressure	8	2654	4.26000000000000E+0
PIPressure	8	2655	4.26000000000000E+0
PIPressure	8	2656	4.26000000000000E+0
PIPressure	8	2657	4.26000000000000E+0
PIPressure	8	2658	4.26000000000000E+0
PIPressure	8	2659	4.26000000000000E+0
PIPressure	8	2660	4.26000000000000E+0
PIPressure	8	2661	4.26000000000000E+0
PIPressure	8	2662	4.26000000000000E+0
PIPressure	8	2663	4.26000000000000E+0
PIPressure	8	2664	4.26000000000000E+0
PIPressure	8	2665	4.26000000000000E+0
PIPressure	8	2666	4.26000000000000E+0
PIPressure	8	2667	4.26000000000000E+0
PIPressure	8	2668	4.26000000000000E+0
PIPressure	8	2669	4.26000000000000E+0
PIPressure	8	2670	4.26000000000000E+0
PIPressure	8	2671	4.26000000000000E+0
PIPressure	8	2672	4.26000000000000E+0
PIPressure	8	2673	4.26000000000000E+0
PIPressure	8	2674	4.26000000000000E+0
PIPressure	8	2675	4.26000000000000E+0
PIPressure	8	2676	4.26000000000000E+0
PIPressure	8	2677	4.26000000000000E+0

PIPressure	8	2678	4.26000000000000E+0
PIPressure	8	2679	4.26000000000000E+0
PIPressure	8	2680	4.26000000000000E+0
PIPressure	8	2681	4.26000000000000E+0
PIPressure	8	2682	4.26000000000000E+0
PIPressure	8	2683	4.26000000000000E+0
PIPressure	8	2684	4.26000000000000E+0
PIPressure	8	2685	4.26000000000000E+0
PIPressure	8	2686	4.26000000000000E+0
PIPressure	8	2687	4.26000000000000E+0
PIPressure	8	2688	4.26000000000000E+0
PIPressure	8	2689	4.26000000000000E+0
PIPressure	8	2690	4.26000000000000E+0
PIPressure	8	2691	4.26000000000000E+0
PIPressure	8	2692	4.26000000000000E+0
PIPressure	8	2693	4.26000000000000E+0
PIPressure	8	2694	4.26000000000000E+0
PIPressure	8	2695	4.26000000000000E+0
PIPressure	8	2696	4.26000000000000E+0
PIPressure	8	2697	4.26000000000000E+0
PIPressure	8	2698	4.26000000000000E+0
PIPressure	8	2699	4.26000000000000E+0
PIPressure	8	2700	4.26000000000000E+0
PIPressure	8	2701	4.26000000000000E+0
PIPressure	8	2702	4.26000000000000E+0
PIPressure	8	2703	4.26000000000000E+0
PIPressure	8	2704	4.26000000000000E+0

PIPressure	8	2705	4.260000000000000E+0
PIPressure	8	2706	4.260000000000000E+0
PIPressure	8	2707	4.260000000000000E+0
PIPressure	8	2708	4.260000000000000E+0
PIPressure	8	2709	4.260000000000000E+0
PIPressure	8	2710	4.260000000000000E+0
PIPressure	8	2711	4.260000000000000E+0
PIPressure	8	2712	4.260000000000000E+0
PIPressure	8	2713	4.260000000000000E+0
PIPressure	8	2714	4.260000000000000E+0
PIPressure	8	2715	4.260000000000000E+0
PIPressure	8	2716	4.260000000000000E+0
PIPressure	8	2717	4.260000000000000E+0
PIPressure	8	2718	4.260000000000000E+0
PIPressure	8	2719	4.260000000000000E+0
PIPressure	8	2720	4.260000000000000E+0
PIPressure	8	2721	4.260000000000000E+0
PIPressure	8	2722	4.260000000000000E+0
PIPressure	8	2723	4.260000000000000E+0
PIPressure	8	2724	4.260000000000000E+0
PIPressure	8	2725	4.260000000000000E+0
PIPressure	8	2726	4.260000000000000E+0
PIPressure	8	2727	4.260000000000000E+0
PIPressure	8	2728	4.260000000000000E+0
PIPressure	8	2729	4.260000000000000E+0
PIPressure	8	2730	4.260000000000000E+0
PIPressure	8	2731	4.260000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	519 di 729

PIPressure	8	2732	4.26000000000000E+0
PIPressure	8	2733	4.26000000000000E+0
PIPressure	8	2734	4.26000000000000E+0
PIPressure	8	2735	4.26000000000000E+0
PIPressure	8	2736	4.26000000000000E+0
PIPressure	8	2737	4.26000000000000E+0
PIPressure	8	2738	4.26000000000000E+0
PIPressure	8	2739	4.26000000000000E+0
PIPressure	8	2740	4.26000000000000E+0
PIPressure	8	2741	4.26000000000000E+0
PIPressure	8	2742	4.26000000000000E+0
PIPressure	8	2743	4.26000000000000E+0
PIPressure	8	2744	4.26000000000000E+0
PIPressure	8	2745	4.26000000000000E+0
PIPressure	8	2746	4.26000000000000E+0
PIPressure	8	2747	4.26000000000000E+0
PIPressure	8	2748	4.26000000000000E+0
PIPressure	8	2749	4.26000000000000E+0
PIPressure	8	2750	4.26000000000000E+0
PIPressure	8	2751	4.26000000000000E+0
PIPressure	8	2752	4.26000000000000E+0
PIPressure	8	2753	4.26000000000000E+0
PIPressure	8	2754	4.26000000000000E+0
PIPressure	8	2755	4.26000000000000E+0
PIPressure	8	2756	4.26000000000000E+0
PIPressure	8	2757	4.26000000000000E+0
PIPressure	8	2758	4.26000000000000E+0

PIPressure	8	2759	4.26000000000000E+0
PIPressure	8	2760	4.26000000000000E+0
PIPressure	8	2761	4.26000000000000E+0
PIPressure	8	2762	4.26000000000000E+0
PIPressure	8	2763	4.26000000000000E+0
PIPressure	8	2764	4.26000000000000E+0
PIPressure	8	2765	4.26000000000000E+0
PIPressure	8	2766	4.26000000000000E+0
PIPressure	8	2767	4.26000000000000E+0
PIPressure	8	2768	4.26000000000000E+0
PIPressure	8	2769	4.26000000000000E+0
PIPressure	8	2770	4.26000000000000E+0
PIPressure	8	2771	4.26000000000000E+0
PIPressure	8	2772	4.26000000000000E+0
PIPressure	8	2773	4.26000000000000E+0
PIPressure	8	2774	4.26000000000000E+0
PIPressure	8	2775	4.26000000000000E+0
PIPressure	8	2776	4.26000000000000E+0
PIPressure	8	2777	4.26000000000000E+0
PIPressure	8	2778	4.26000000000000E+0
PIPressure	8	2779	4.26000000000000E+0
PIPressure	8	2780	4.26000000000000E+0
PIPressure	8	2781	4.26000000000000E+0
PIPressure	8	2782	4.26000000000000E+0
PIPressure	8	2783	4.26000000000000E+0
PIPressure	8	2784	4.26000000000000E+0
PIPressure	8	2785	4.26000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	521 di 729

PIPressure	8	2786	4.26000000000000E+0
PIPressure	8	2787	4.26000000000000E+0
PIPressure	8	2788	4.26000000000000E+0
PIPressure	8	2789	4.26000000000000E+0
PIPressure	8	2790	4.26000000000000E+0
PIPressure	8	2791	4.26000000000000E+0
PIPressure	8	2792	4.26000000000000E+0
PIPressure	8	2793	4.26000000000000E+0
PIPressure	8	2794	4.26000000000000E+0
PIPressure	8	2795	4.26000000000000E+0
PIPressure	8	2796	4.26000000000000E+0
PIPressure	8	2797	4.26000000000000E+0
PIPressure	8	2798	4.26000000000000E+0
PIPressure	8	2799	4.26000000000000E+0
PIPressure	8	2800	4.26000000000000E+0
PIPressure	8	2801	4.26000000000000E+0
PIPressure	8	2802	4.26000000000000E+0
PIPressure	8	2803	4.26000000000000E+0
PIPressure	8	2804	4.26000000000000E+0
PIPressure	8	2805	4.26000000000000E+0
PIPressure	8	2806	4.26000000000000E+0
PIPressure	8	2807	4.26000000000000E+0
PIPressure	8	2808	4.26000000000000E+0
PIPressure	8	2809	4.26000000000000E+0
PIPressure	8	2810	4.26000000000000E+0
PIPressure	8	2811	4.26000000000000E+0
PIPressure	8	2812	4.26000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	522 di 729

PIPressure	8	2813	4.26000000000000E+0
PIPressure	8	2814	4.26000000000000E+0
PIPressure	8	2815	4.26000000000000E+0
PIPressure	8	2816	4.26000000000000E+0
PIPressure	8	2817	4.26000000000000E+0
PIPressure	8	2818	4.26000000000000E+0
PIPressure	8	2819	4.26000000000000E+0
PIPressure	8	2820	4.26000000000000E+0
PIPressure	8	2821	4.26000000000000E+0
PIPressure	8	2822	4.26000000000000E+0
PIPressure	8	2823	4.26000000000000E+0
PIPressure	8	2824	4.26000000000000E+0
PIPressure	8	2825	4.26000000000000E+0
PIPressure	8	2826	4.26000000000000E+0
PIPressure	8	2827	4.26000000000000E+0
PIPressure	8	2828	4.26000000000000E+0
PIPressure	8	2829	4.26000000000000E+0
PIPressure	8	2830	4.26000000000000E+0

/ _____

/ PLATE EDGE PRESSURES

/ SPINTA PERM

PIEdgePressure	8	874	3	-4.26000000000000E+0
PIEdgePressure	8	875	3	-4.26000000000000E+0
PIEdgePressure	8	876	3	-4.26000000000000E+0
PIEdgePressure	8	877	3	-4.26000000000000E+0
PIEdgePressure	8	878	4	-4.26000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	523 di 729

PIEdgePressure	8	879	3	-4.26000000000000E+0
PIEdgePressure	8	880	3	-4.26000000000000E+0
PIEdgePressure	8	881	3	-4.26000000000000E+0
PIEdgePressure	8	882	3	-4.26000000000000E+0
PIEdgePressure	8	883	3	-4.26000000000000E+0
PIEdgePressure	8	884	3	-4.26000000000000E+0
PIEdgePressure	8	885	3	-4.26000000000000E+0
PIEdgePressure	8	886	3	-4.26000000000000E+0
PIEdgePressure	8	887	4	-4.26000000000000E+0
PIEdgePressure	8	888	3	-4.26000000000000E+0
PIEdgePressure	8	889	3	-4.26000000000000E+0
PIEdgePressure	8	890	3	-4.26000000000000E+0
PIEdgePressure	8	891	3	-4.26000000000000E+0
PIEdgePressure	8	892	3	-4.26000000000000E+0
PIEdgePressure	8	893	3	-4.26000000000000E+0
PIEdgePressure	8	894	3	-4.26000000000000E+0
PIEdgePressure	8	895	4	-4.26000000000000E+0

/ _____

/ PLATE FACE GLOBAL LOADS

/ SPINTA PERM

PIGlobalLoad	8	821	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	822	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	823	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	824	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	825	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	826	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

PIGlobalLoad	8	827	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	828	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	829	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	830	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	831	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	832	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	833	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	834	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	835	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	836	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	837	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	838	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	839	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	840	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	841	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	842	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	843	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	844	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	845	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	846	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	847	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	848	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	849	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	850	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	851	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	852	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	853	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

PIGlobalLoad	8	854	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	855	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	856	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	857	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	858	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	859	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	860	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	861	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	862	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	863	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	864	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	865	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	866	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	867	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	868	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	869	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	870	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	871	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	872	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	873	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	874	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	875	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	876	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	877	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	878	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	879	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	880	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

PIGlobalLoad	8	881	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	882	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	883	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	884	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	885	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	886	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	887	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	888	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	889	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	890	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	891	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	892	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	893	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	894	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	895	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	896	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	897	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	898	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	899	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	900	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	901	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	902	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	903	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	904	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	905	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	906	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	907	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

PIGlobalLoad	8	908	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	909	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	910	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	911	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	912	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	913	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	914	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	915	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	916	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	917	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	918	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	919	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	920	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	921	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	922	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	923	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	924	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	925	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	926	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	927	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	928	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	929	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	930	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	931	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	932	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	933	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	934	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

PIGlobalLoad	8	935	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	936	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	937	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	938	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	939	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	940	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	941	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	942	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	943	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	944	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	945	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	946	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	947	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	948	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	949	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	950	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	951	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	952	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	953	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	954	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	955	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	956	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	957	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	958	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	959	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	960	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	961	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

PIGlobalLoad	8	962	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	963	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	964	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	965	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	966	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	967	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	968	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	969	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	970	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	971	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	972	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	973	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	974	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	975	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	976	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	983	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	988	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

PIGlobalLoad	8	989	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	990	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	991	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	992	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	993	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	994	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	995	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	996	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	997	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1082	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1083	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1084	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1087	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1088	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1089	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1090	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1091	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1092	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1093	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1094	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1095	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1096	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1097	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1098	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1099	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

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PIGlobalLoad	8	1101	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1102	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1103	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1104	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1105	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1125	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1126	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1127	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1129	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1133	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1144	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

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PIGlobalLoad	8	1147	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1148	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1149	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1150	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1160	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1163	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1165	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1169	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1172	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1175	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1178	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1179	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1180	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1181	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1182	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1183	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1184	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1185	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1186	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1187	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1188	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1189	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1192	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1193	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1194	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1195	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1197	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1198	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

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PIGlobalLoad	8	1201	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1202	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1203	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1204	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1205	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1206	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1207	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1208	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1213	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1214	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1215	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1216	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1217	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1218	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1219	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1220	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1222	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1223	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1224	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1225	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

PIGlobalLoad	8	1226	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1227	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1228	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1229	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1230	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1231	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1232	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1233	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1234	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1235	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1236	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1237	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1238	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1239	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1241	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1242	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1243	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1244	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1245	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1246	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1247	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1248	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1252	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

PIGlobalLoad	8	1253	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1254	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1255	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1256	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1257	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1258	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1259	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1260	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1263	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1264	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1265	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1266	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1267	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1343	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1344	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1345	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1363	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1387	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

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PIGlobalLoad	8	1397	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1407	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
PIGlobalLoad	8	1408	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1
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PIGlobalLoad	8	1462	0.00000000000000E+0	0.00000000000000E+0	-1.00000000000000E+1

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/ PLATE FACE PRESSURES

/ SPINTA ACC

PIPressure	9	1	8.53000000000000E+0

PIPressure	9	2	8.53000000000000E+0
PIPressure	9	3	8.53000000000000E+0
PIPressure	9	4	8.53000000000000E+0
PIPressure	9	5	8.53000000000000E+0
PIPressure	9	6	8.53000000000000E+0
PIPressure	9	7	8.53000000000000E+0
PIPressure	9	8	8.53000000000000E+0
PIPressure	9	9	8.53000000000000E+0
PIPressure	9	10	8.53000000000000E+0
PIPressure	9	11	8.53000000000000E+0
PIPressure	9	12	8.53000000000000E+0
PIPressure	9	13	8.53000000000000E+0
PIPressure	9	14	8.53000000000000E+0
PIPressure	9	15	8.53000000000000E+0
PIPressure	9	16	8.53000000000000E+0
PIPressure	9	17	8.53000000000000E+0
PIPressure	9	18	8.53000000000000E+0
PIPressure	9	19	8.53000000000000E+0
PIPressure	9	20	8.53000000000000E+0
PIPressure	9	21	8.53000000000000E+0
PIPressure	9	22	8.53000000000000E+0
PIPressure	9	23	8.53000000000000E+0
PIPressure	9	24	8.53000000000000E+0
PIPressure	9	25	8.53000000000000E+0
PIPressure	9	26	8.53000000000000E+0
PIPressure	9	27	8.53000000000000E+0
PIPressure	9	28	8.53000000000000E+0

PIPressure	9	29	8.530000000000000E+0
PIPressure	9	30	8.530000000000000E+0
PIPressure	9	31	8.530000000000000E+0
PIPressure	9	32	8.530000000000000E+0
PIPressure	9	33	8.530000000000000E+0
PIPressure	9	34	8.530000000000000E+0
PIPressure	9	35	8.530000000000000E+0
PIPressure	9	36	8.530000000000000E+0
PIPressure	9	37	8.530000000000000E+0
PIPressure	9	38	8.530000000000000E+0
PIPressure	9	39	8.530000000000000E+0
PIPressure	9	40	8.530000000000000E+0
PIPressure	9	41	8.530000000000000E+0
PIPressure	9	42	8.530000000000000E+0
PIPressure	9	43	8.530000000000000E+0
PIPressure	9	44	8.530000000000000E+0
PIPressure	9	45	8.530000000000000E+0
PIPressure	9	46	8.530000000000000E+0
PIPressure	9	47	8.530000000000000E+0
PIPressure	9	48	8.530000000000000E+0
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PIPressure	9	51	8.530000000000000E+0
PIPressure	9	52	8.530000000000000E+0
PIPressure	9	53	8.530000000000000E+0
PIPressure	9	54	8.530000000000000E+0
PIPressure	9	55	8.530000000000000E+0

PIPressure	9	56	8.530000000000000E+0
PIPressure	9	57	8.530000000000000E+0
PIPressure	9	58	8.530000000000000E+0
PIPressure	9	59	8.530000000000000E+0
PIPressure	9	60	8.530000000000000E+0
PIPressure	9	61	8.530000000000000E+0
PIPressure	9	62	8.530000000000000E+0
PIPressure	9	63	8.530000000000000E+0
PIPressure	9	64	8.530000000000000E+0
PIPressure	9	65	8.530000000000000E+0
PIPressure	9	66	8.530000000000000E+0
PIPressure	9	67	8.530000000000000E+0
PIPressure	9	68	8.530000000000000E+0
PIPressure	9	69	8.530000000000000E+0
PIPressure	9	70	8.530000000000000E+0
PIPressure	9	71	8.530000000000000E+0
PIPressure	9	72	8.530000000000000E+0
PIPressure	9	73	8.530000000000000E+0
PIPressure	9	74	8.530000000000000E+0
PIPressure	9	75	8.530000000000000E+0
PIPressure	9	76	8.530000000000000E+0
PIPressure	9	77	8.530000000000000E+0
PIPressure	9	78	8.530000000000000E+0
PIPressure	9	79	8.530000000000000E+0
PIPressure	9	80	8.530000000000000E+0
PIPressure	9	81	8.530000000000000E+0
PIPressure	9	82	8.530000000000000E+0

PIPressure	9	83	8.530000000000000E+0
PIPressure	9	84	8.530000000000000E+0
PIPressure	9	85	8.530000000000000E+0
PIPressure	9	86	8.530000000000000E+0
PIPressure	9	87	8.530000000000000E+0
PIPressure	9	88	8.530000000000000E+0
PIPressure	9	89	8.530000000000000E+0
PIPressure	9	90	8.530000000000000E+0
PIPressure	9	91	8.530000000000000E+0
PIPressure	9	92	8.530000000000000E+0
PIPressure	9	93	8.530000000000000E+0
PIPressure	9	94	8.530000000000000E+0
PIPressure	9	95	8.530000000000000E+0
PIPressure	9	96	8.530000000000000E+0
PIPressure	9	97	8.530000000000000E+0
PIPressure	9	98	8.530000000000000E+0
PIPressure	9	99	8.530000000000000E+0
PIPressure	9	100	8.530000000000000E+0
PIPressure	9	101	8.530000000000000E+0
PIPressure	9	102	8.530000000000000E+0
PIPressure	9	103	8.530000000000000E+0
PIPressure	9	104	8.530000000000000E+0
PIPressure	9	105	8.530000000000000E+0
PIPressure	9	106	8.530000000000000E+0
PIPressure	9	107	8.530000000000000E+0
PIPressure	9	108	8.530000000000000E+0
PIPressure	9	109	8.530000000000000E+0

PIPressure	9	110	8.53000000000000E+0
PIPressure	9	111	8.53000000000000E+0
PIPressure	9	112	8.53000000000000E+0
PIPressure	9	113	8.53000000000000E+0
PIPressure	9	114	8.53000000000000E+0
PIPressure	9	115	8.53000000000000E+0
PIPressure	9	116	8.53000000000000E+0
PIPressure	9	117	8.53000000000000E+0
PIPressure	9	118	8.53000000000000E+0
PIPressure	9	119	8.53000000000000E+0
PIPressure	9	120	8.53000000000000E+0
PIPressure	9	121	8.53000000000000E+0
PIPressure	9	122	8.53000000000000E+0
PIPressure	9	123	8.53000000000000E+0
PIPressure	9	124	8.53000000000000E+0
PIPressure	9	125	8.53000000000000E+0
PIPressure	9	126	8.53000000000000E+0
PIPressure	9	127	8.53000000000000E+0
PIPressure	9	128	8.53000000000000E+0
PIPressure	9	129	8.53000000000000E+0
PIPressure	9	130	8.53000000000000E+0
PIPressure	9	131	8.53000000000000E+0
PIPressure	9	132	8.53000000000000E+0
PIPressure	9	133	8.53000000000000E+0
PIPressure	9	134	8.53000000000000E+0
PIPressure	9	135	8.53000000000000E+0
PIPressure	9	136	8.53000000000000E+0

PIPressure	9	137	8.53000000000000E+0
PIPressure	9	138	8.53000000000000E+0
PIPressure	9	139	8.53000000000000E+0
PIPressure	9	140	8.53000000000000E+0
PIPressure	9	141	8.53000000000000E+0
PIPressure	9	142	8.53000000000000E+0
PIPressure	9	143	8.53000000000000E+0
PIPressure	9	144	8.53000000000000E+0
PIPressure	9	145	8.53000000000000E+0
PIPressure	9	146	8.53000000000000E+0
PIPressure	9	147	8.53000000000000E+0
PIPressure	9	148	8.53000000000000E+0
PIPressure	9	149	8.53000000000000E+0
PIPressure	9	150	8.53000000000000E+0
PIPressure	9	151	8.53000000000000E+0
PIPressure	9	152	8.53000000000000E+0
PIPressure	9	153	8.53000000000000E+0
PIPressure	9	154	8.53000000000000E+0
PIPressure	9	155	8.53000000000000E+0
PIPressure	9	156	8.53000000000000E+0
PIPressure	9	157	8.53000000000000E+0
PIPressure	9	158	8.53000000000000E+0
PIPressure	9	159	8.53000000000000E+0
PIPressure	9	160	8.53000000000000E+0
PIPressure	9	161	8.53000000000000E+0
PIPressure	9	162	8.53000000000000E+0
PIPressure	9	163	8.53000000000000E+0

PIPressure	9	164	8.53000000000000E+0
PIPressure	9	165	8.53000000000000E+0
PIPressure	9	166	8.53000000000000E+0
PIPressure	9	167	8.53000000000000E+0
PIPressure	9	168	8.53000000000000E+0
PIPressure	9	169	8.53000000000000E+0
PIPressure	9	170	8.53000000000000E+0
PIPressure	9	171	8.53000000000000E+0
PIPressure	9	172	8.53000000000000E+0
PIPressure	9	173	8.53000000000000E+0
PIPressure	9	174	8.53000000000000E+0
PIPressure	9	175	8.53000000000000E+0
PIPressure	9	176	8.53000000000000E+0
PIPressure	9	177	8.53000000000000E+0
PIPressure	9	178	8.53000000000000E+0
PIPressure	9	179	8.53000000000000E+0
PIPressure	9	180	8.53000000000000E+0
PIPressure	9	181	8.53000000000000E+0
PIPressure	9	182	8.53000000000000E+0
PIPressure	9	183	8.53000000000000E+0
PIPressure	9	184	8.53000000000000E+0
PIPressure	9	185	8.53000000000000E+0
PIPressure	9	186	8.53000000000000E+0
PIPressure	9	187	8.53000000000000E+0
PIPressure	9	188	8.53000000000000E+0
PIPressure	9	189	8.53000000000000E+0
PIPressure	9	190	8.53000000000000E+0

PIPressure	9	191	8.53000000000000E+0
PIPressure	9	192	8.53000000000000E+0
PIPressure	9	193	8.53000000000000E+0
PIPressure	9	194	8.53000000000000E+0
PIPressure	9	195	8.53000000000000E+0
PIPressure	9	196	8.53000000000000E+0
PIPressure	9	197	8.53000000000000E+0
PIPressure	9	198	8.53000000000000E+0
PIPressure	9	199	8.53000000000000E+0
PIPressure	9	200	8.53000000000000E+0
PIPressure	9	201	8.53000000000000E+0
PIPressure	9	202	8.53000000000000E+0
PIPressure	9	203	8.53000000000000E+0
PIPressure	9	204	8.53000000000000E+0
PIPressure	9	205	8.53000000000000E+0
PIPressure	9	206	8.53000000000000E+0
PIPressure	9	207	8.53000000000000E+0
PIPressure	9	208	8.53000000000000E+0
PIPressure	9	209	8.53000000000000E+0
PIPressure	9	210	8.53000000000000E+0
PIPressure	9	211	8.53000000000000E+0
PIPressure	9	212	8.53000000000000E+0
PIPressure	9	213	8.53000000000000E+0
PIPressure	9	214	8.53000000000000E+0
PIPressure	9	215	8.53000000000000E+0
PIPressure	9	216	8.53000000000000E+0
PIPressure	9	217	8.53000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	552 di 729

PIPressure	9	218	8.53000000000000E+0
PIPressure	9	219	8.53000000000000E+0
PIPressure	9	220	8.53000000000000E+0
PIPressure	9	221	8.53000000000000E+0
PIPressure	9	222	8.53000000000000E+0
PIPressure	9	223	8.53000000000000E+0
PIPressure	9	224	8.53000000000000E+0
PIPressure	9	225	8.53000000000000E+0
PIPressure	9	226	8.53000000000000E+0
PIPressure	9	227	8.53000000000000E+0
PIPressure	9	228	8.53000000000000E+0
PIPressure	9	229	8.53000000000000E+0
PIPressure	9	230	8.53000000000000E+0
PIPressure	9	231	8.53000000000000E+0
PIPressure	9	232	8.53000000000000E+0
PIPressure	9	233	8.53000000000000E+0
PIPressure	9	234	8.53000000000000E+0
PIPressure	9	235	8.53000000000000E+0
PIPressure	9	236	8.53000000000000E+0
PIPressure	9	237	8.53000000000000E+0
PIPressure	9	238	8.53000000000000E+0
PIPressure	9	239	8.53000000000000E+0
PIPressure	9	240	8.53000000000000E+0
PIPressure	9	241	8.53000000000000E+0
PIPressure	9	242	8.53000000000000E+0
PIPressure	9	243	8.53000000000000E+0
PIPressure	9	244	8.53000000000000E+0

PIPressure	9	245	8.53000000000000E+0
PIPressure	9	246	8.53000000000000E+0
PIPressure	9	247	8.53000000000000E+0
PIPressure	9	248	8.53000000000000E+0
PIPressure	9	249	8.53000000000000E+0
PIPressure	9	250	8.53000000000000E+0
PIPressure	9	251	8.53000000000000E+0
PIPressure	9	252	8.53000000000000E+0
PIPressure	9	253	8.53000000000000E+0
PIPressure	9	254	8.53000000000000E+0
PIPressure	9	255	8.53000000000000E+0
PIPressure	9	256	8.53000000000000E+0
PIPressure	9	257	8.53000000000000E+0
PIPressure	9	258	8.53000000000000E+0
PIPressure	9	259	8.53000000000000E+0
PIPressure	9	260	8.53000000000000E+0
PIPressure	9	261	8.53000000000000E+0
PIPressure	9	262	8.53000000000000E+0
PIPressure	9	263	8.53000000000000E+0
PIPressure	9	264	8.53000000000000E+0
PIPressure	9	265	8.53000000000000E+0
PIPressure	9	266	8.53000000000000E+0
PIPressure	9	267	8.53000000000000E+0
PIPressure	9	268	8.53000000000000E+0
PIPressure	9	269	8.53000000000000E+0
PIPressure	9	270	8.53000000000000E+0
PIPressure	9	271	8.53000000000000E+0

PIPressure	9	272	8.53000000000000E+0
PIPressure	9	273	8.53000000000000E+0
PIPressure	9	274	8.53000000000000E+0
PIPressure	9	275	8.53000000000000E+0
PIPressure	9	276	8.53000000000000E+0
PIPressure	9	277	8.53000000000000E+0
PIPressure	9	278	8.53000000000000E+0
PIPressure	9	279	8.53000000000000E+0
PIPressure	9	280	8.53000000000000E+0
PIPressure	9	281	8.53000000000000E+0
PIPressure	9	282	8.53000000000000E+0
PIPressure	9	283	8.53000000000000E+0
PIPressure	9	284	8.53000000000000E+0
PIPressure	9	285	8.53000000000000E+0
PIPressure	9	286	8.53000000000000E+0
PIPressure	9	287	8.53000000000000E+0
PIPressure	9	288	8.53000000000000E+0
PIPressure	9	1463	8.53000000000000E+0
PIPressure	9	1464	8.53000000000000E+0
PIPressure	9	1465	8.53000000000000E+0
PIPressure	9	1466	8.53000000000000E+0
PIPressure	9	1467	8.53000000000000E+0
PIPressure	9	1468	8.53000000000000E+0
PIPressure	9	1469	8.53000000000000E+0
PIPressure	9	1470	8.53000000000000E+0
PIPressure	9	1471	8.53000000000000E+0
PIPressure	9	1472	8.53000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	555 di 729

PIPressure	9	1473	8.530000000000000E+0
PIPressure	9	1474	8.530000000000000E+0
PIPressure	9	1475	8.530000000000000E+0
PIPressure	9	1476	8.530000000000000E+0
PIPressure	9	1477	8.530000000000000E+0
PIPressure	9	1478	8.530000000000000E+0
PIPressure	9	1479	8.530000000000000E+0
PIPressure	9	1480	8.530000000000000E+0
PIPressure	9	1481	8.530000000000000E+0
PIPressure	9	1482	8.530000000000000E+0
PIPressure	9	1483	8.530000000000000E+0
PIPressure	9	1484	8.530000000000000E+0
PIPressure	9	1485	8.530000000000000E+0
PIPressure	9	1486	8.530000000000000E+0
PIPressure	9	1487	8.530000000000000E+0
PIPressure	9	1488	8.530000000000000E+0
PIPressure	9	1489	8.530000000000000E+0
PIPressure	9	1490	8.530000000000000E+0
PIPressure	9	1491	8.530000000000000E+0
PIPressure	9	1492	8.530000000000000E+0
PIPressure	9	1493	8.530000000000000E+0
PIPressure	9	1494	8.530000000000000E+0
PIPressure	9	1495	8.530000000000000E+0
PIPressure	9	1496	8.530000000000000E+0
PIPressure	9	1497	8.530000000000000E+0
PIPressure	9	1498	8.530000000000000E+0
PIPressure	9	1499	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	556 di 729

PIPressure	9	1500	8.530000000000000E+0
PIPressure	9	1501	8.530000000000000E+0
PIPressure	9	1502	8.530000000000000E+0
PIPressure	9	1503	8.530000000000000E+0
PIPressure	9	1504	8.530000000000000E+0
PIPressure	9	1505	8.530000000000000E+0
PIPressure	9	1506	8.530000000000000E+0
PIPressure	9	1507	8.530000000000000E+0
PIPressure	9	1508	8.530000000000000E+0
PIPressure	9	1509	8.530000000000000E+0
PIPressure	9	1510	8.530000000000000E+0
PIPressure	9	1511	8.530000000000000E+0
PIPressure	9	1512	8.530000000000000E+0
PIPressure	9	1513	8.530000000000000E+0
PIPressure	9	1514	8.530000000000000E+0
PIPressure	9	1515	8.530000000000000E+0
PIPressure	9	1516	8.530000000000000E+0
PIPressure	9	1517	8.530000000000000E+0
PIPressure	9	1518	8.530000000000000E+0
PIPressure	9	1519	8.530000000000000E+0
PIPressure	9	1520	8.530000000000000E+0
PIPressure	9	1521	8.530000000000000E+0
PIPressure	9	1522	8.530000000000000E+0
PIPressure	9	1523	8.530000000000000E+0
PIPressure	9	1524	8.530000000000000E+0
PIPressure	9	1525	8.530000000000000E+0
PIPressure	9	1526	8.530000000000000E+0

PIPressure	9	1527	8.530000000000000E+0
PIPressure	9	1528	8.530000000000000E+0
PIPressure	9	1529	8.530000000000000E+0
PIPressure	9	1530	8.530000000000000E+0
PIPressure	9	1531	8.530000000000000E+0
PIPressure	9	1532	8.530000000000000E+0
PIPressure	9	1533	8.530000000000000E+0
PIPressure	9	1534	8.530000000000000E+0
PIPressure	9	1535	8.530000000000000E+0
PIPressure	9	1536	8.530000000000000E+0
PIPressure	9	1537	8.530000000000000E+0
PIPressure	9	1538	8.530000000000000E+0
PIPressure	9	1539	8.530000000000000E+0
PIPressure	9	1540	8.530000000000000E+0
PIPressure	9	1541	8.530000000000000E+0
PIPressure	9	1542	8.530000000000000E+0
PIPressure	9	1543	8.530000000000000E+0
PIPressure	9	1544	8.530000000000000E+0
PIPressure	9	1545	8.530000000000000E+0
PIPressure	9	1546	8.530000000000000E+0
PIPressure	9	1547	8.530000000000000E+0
PIPressure	9	1548	8.530000000000000E+0
PIPressure	9	1549	8.530000000000000E+0
PIPressure	9	1550	8.530000000000000E+0
PIPressure	9	1551	8.530000000000000E+0
PIPressure	9	1552	8.530000000000000E+0
PIPressure	9	1553	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	558 di 729

PIPressure	9	1554	8.530000000000000E+0
PIPressure	9	1555	8.530000000000000E+0
PIPressure	9	1556	8.530000000000000E+0
PIPressure	9	1557	8.530000000000000E+0
PIPressure	9	1558	8.530000000000000E+0
PIPressure	9	1559	8.530000000000000E+0
PIPressure	9	1560	8.530000000000000E+0
PIPressure	9	1561	8.530000000000000E+0
PIPressure	9	1562	8.530000000000000E+0
PIPressure	9	1563	8.530000000000000E+0
PIPressure	9	1564	8.530000000000000E+0
PIPressure	9	1565	8.530000000000000E+0
PIPressure	9	1566	8.530000000000000E+0
PIPressure	9	1567	8.530000000000000E+0
PIPressure	9	1568	8.530000000000000E+0
PIPressure	9	1569	8.530000000000000E+0
PIPressure	9	1570	8.530000000000000E+0
PIPressure	9	1571	8.530000000000000E+0
PIPressure	9	1572	8.530000000000000E+0
PIPressure	9	1573	8.530000000000000E+0
PIPressure	9	1574	8.530000000000000E+0
PIPressure	9	1575	8.530000000000000E+0
PIPressure	9	1576	8.530000000000000E+0
PIPressure	9	1577	8.530000000000000E+0
PIPressure	9	1578	8.530000000000000E+0
PIPressure	9	1579	8.530000000000000E+0
PIPressure	9	1580	8.530000000000000E+0

PIPressure	9	1581	8.530000000000000E+0
PIPressure	9	1582	8.530000000000000E+0
PIPressure	9	1583	8.530000000000000E+0
PIPressure	9	1584	8.530000000000000E+0
PIPressure	9	1585	8.530000000000000E+0
PIPressure	9	1586	8.530000000000000E+0
PIPressure	9	1587	8.530000000000000E+0
PIPressure	9	1588	8.530000000000000E+0
PIPressure	9	1589	8.530000000000000E+0
PIPressure	9	1590	8.530000000000000E+0
PIPressure	9	1591	8.530000000000000E+0
PIPressure	9	1592	8.530000000000000E+0
PIPressure	9	1593	8.530000000000000E+0
PIPressure	9	1594	8.530000000000000E+0
PIPressure	9	1595	8.530000000000000E+0
PIPressure	9	1596	8.530000000000000E+0
PIPressure	9	1597	8.530000000000000E+0
PIPressure	9	1598	8.530000000000000E+0
PIPressure	9	1599	8.530000000000000E+0
PIPressure	9	1600	8.530000000000000E+0
PIPressure	9	1601	8.530000000000000E+0
PIPressure	9	1602	8.530000000000000E+0
PIPressure	9	1603	8.530000000000000E+0
PIPressure	9	1604	8.530000000000000E+0
PIPressure	9	1605	8.530000000000000E+0
PIPressure	9	1606	8.530000000000000E+0
PIPressure	9	1607	8.530000000000000E+0

PIPressure	9	1608	8.530000000000000E+0
PIPressure	9	1609	8.530000000000000E+0
PIPressure	9	1610	8.530000000000000E+0
PIPressure	9	1611	8.530000000000000E+0
PIPressure	9	1612	8.530000000000000E+0
PIPressure	9	1613	8.530000000000000E+0
PIPressure	9	1614	8.530000000000000E+0
PIPressure	9	1615	8.530000000000000E+0
PIPressure	9	1616	8.530000000000000E+0
PIPressure	9	1617	8.530000000000000E+0
PIPressure	9	1618	8.530000000000000E+0
PIPressure	9	1619	8.530000000000000E+0
PIPressure	9	1620	8.530000000000000E+0
PIPressure	9	1621	8.530000000000000E+0
PIPressure	9	1622	8.530000000000000E+0
PIPressure	9	1623	8.530000000000000E+0
PIPressure	9	1624	8.530000000000000E+0
PIPressure	9	1625	8.530000000000000E+0
PIPressure	9	1626	8.530000000000000E+0
PIPressure	9	1627	8.530000000000000E+0
PIPressure	9	1628	8.530000000000000E+0
PIPressure	9	1629	8.530000000000000E+0
PIPressure	9	1630	8.530000000000000E+0
PIPressure	9	1631	8.530000000000000E+0
PIPressure	9	1632	8.530000000000000E+0
PIPressure	9	1633	8.530000000000000E+0
PIPressure	9	1634	8.530000000000000E+0

PIPressure	9	1635	8.530000000000000E+0
PIPressure	9	1636	8.530000000000000E+0
PIPressure	9	1637	8.530000000000000E+0
PIPressure	9	1638	8.530000000000000E+0
PIPressure	9	1639	8.530000000000000E+0
PIPressure	9	1640	8.530000000000000E+0
PIPressure	9	1641	8.530000000000000E+0
PIPressure	9	1642	8.530000000000000E+0
PIPressure	9	1643	8.530000000000000E+0
PIPressure	9	1644	8.530000000000000E+0
PIPressure	9	1645	8.530000000000000E+0
PIPressure	9	1646	8.530000000000000E+0
PIPressure	9	1647	8.530000000000000E+0
PIPressure	9	1648	8.530000000000000E+0
PIPressure	9	1649	8.530000000000000E+0
PIPressure	9	1650	8.530000000000000E+0
PIPressure	9	1651	8.530000000000000E+0
PIPressure	9	1652	8.530000000000000E+0
PIPressure	9	1653	8.530000000000000E+0
PIPressure	9	1654	8.530000000000000E+0
PIPressure	9	1655	8.530000000000000E+0
PIPressure	9	1656	8.530000000000000E+0
PIPressure	9	1657	8.530000000000000E+0
PIPressure	9	1658	8.530000000000000E+0
PIPressure	9	1659	8.530000000000000E+0
PIPressure	9	1660	8.530000000000000E+0
PIPressure	9	1661	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	562 di 729

PIPressure	9	1662	8.530000000000000E+0
PIPressure	9	1663	8.530000000000000E+0
PIPressure	9	1664	8.530000000000000E+0
PIPressure	9	1665	8.530000000000000E+0
PIPressure	9	1666	8.530000000000000E+0
PIPressure	9	1667	8.530000000000000E+0
PIPressure	9	1668	8.530000000000000E+0
PIPressure	9	1669	8.530000000000000E+0
PIPressure	9	1670	8.530000000000000E+0
PIPressure	9	1671	8.530000000000000E+0
PIPressure	9	1672	8.530000000000000E+0
PIPressure	9	1673	8.530000000000000E+0
PIPressure	9	1674	8.530000000000000E+0
PIPressure	9	1675	8.530000000000000E+0
PIPressure	9	1676	8.530000000000000E+0
PIPressure	9	1677	8.530000000000000E+0
PIPressure	9	1678	8.530000000000000E+0
PIPressure	9	1679	8.530000000000000E+0
PIPressure	9	1680	8.530000000000000E+0
PIPressure	9	1681	8.530000000000000E+0
PIPressure	9	1682	8.530000000000000E+0
PIPressure	9	1683	8.530000000000000E+0
PIPressure	9	1684	8.530000000000000E+0
PIPressure	9	1685	8.530000000000000E+0
PIPressure	9	1686	8.530000000000000E+0
PIPressure	9	1687	8.530000000000000E+0
PIPressure	9	1688	8.530000000000000E+0

PIPressure	9	1689	8.530000000000000E+0
PIPressure	9	1690	8.530000000000000E+0
PIPressure	9	1691	8.530000000000000E+0
PIPressure	9	1692	8.530000000000000E+0
PIPressure	9	1693	8.530000000000000E+0
PIPressure	9	1694	8.530000000000000E+0
PIPressure	9	1695	8.530000000000000E+0
PIPressure	9	1696	8.530000000000000E+0
PIPressure	9	1697	8.530000000000000E+0
PIPressure	9	1698	8.530000000000000E+0
PIPressure	9	1699	8.530000000000000E+0
PIPressure	9	1700	8.530000000000000E+0
PIPressure	9	1701	8.530000000000000E+0
PIPressure	9	1702	8.530000000000000E+0
PIPressure	9	1703	8.530000000000000E+0
PIPressure	9	1704	8.530000000000000E+0
PIPressure	9	1705	8.530000000000000E+0
PIPressure	9	1706	8.530000000000000E+0
PIPressure	9	1707	8.530000000000000E+0
PIPressure	9	1708	8.530000000000000E+0
PIPressure	9	1709	8.530000000000000E+0
PIPressure	9	1710	8.530000000000000E+0
PIPressure	9	1711	8.530000000000000E+0
PIPressure	9	1712	8.530000000000000E+0
PIPressure	9	1713	8.530000000000000E+0
PIPressure	9	1714	8.530000000000000E+0
PIPressure	9	1715	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	564 di 729

PIPressure	9	1716	8.530000000000000E+0
PIPressure	9	1717	8.530000000000000E+0
PIPressure	9	1718	8.530000000000000E+0
PIPressure	9	1719	8.530000000000000E+0
PIPressure	9	1720	8.530000000000000E+0
PIPressure	9	1721	8.530000000000000E+0
PIPressure	9	1722	8.530000000000000E+0
PIPressure	9	1723	8.530000000000000E+0
PIPressure	9	1724	8.530000000000000E+0
PIPressure	9	1725	8.530000000000000E+0
PIPressure	9	1726	8.530000000000000E+0
PIPressure	9	1727	8.530000000000000E+0
PIPressure	9	1728	8.530000000000000E+0
PIPressure	9	1729	8.530000000000000E+0
PIPressure	9	1730	8.530000000000000E+0
PIPressure	9	1731	8.530000000000000E+0
PIPressure	9	1732	8.530000000000000E+0
PIPressure	9	1733	8.530000000000000E+0
PIPressure	9	1734	8.530000000000000E+0
PIPressure	9	1735	8.530000000000000E+0
PIPressure	9	1736	8.530000000000000E+0
PIPressure	9	1737	8.530000000000000E+0
PIPressure	9	1738	8.530000000000000E+0
PIPressure	9	1739	8.530000000000000E+0
PIPressure	9	1740	8.530000000000000E+0
PIPressure	9	1741	8.530000000000000E+0
PIPressure	9	1742	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	565 di 729

PIPressure	9	1743	8.530000000000000E+0
PIPressure	9	1744	8.530000000000000E+0
PIPressure	9	1745	8.530000000000000E+0
PIPressure	9	1746	8.530000000000000E+0
PIPressure	9	1747	8.530000000000000E+0
PIPressure	9	1748	8.530000000000000E+0
PIPressure	9	1749	8.530000000000000E+0
PIPressure	9	1750	8.530000000000000E+0
PIPressure	9	1751	8.530000000000000E+0
PIPressure	9	1752	8.530000000000000E+0
PIPressure	9	1753	8.530000000000000E+0
PIPressure	9	1754	8.530000000000000E+0
PIPressure	9	1755	8.530000000000000E+0
PIPressure	9	1756	8.530000000000000E+0
PIPressure	9	1757	8.530000000000000E+0
PIPressure	9	1758	8.530000000000000E+0
PIPressure	9	1759	8.530000000000000E+0
PIPressure	9	1760	8.530000000000000E+0
PIPressure	9	1761	8.530000000000000E+0
PIPressure	9	1762	8.530000000000000E+0
PIPressure	9	1763	8.530000000000000E+0
PIPressure	9	1764	8.530000000000000E+0
PIPressure	9	1765	8.530000000000000E+0
PIPressure	9	1766	8.530000000000000E+0
PIPressure	9	1767	8.530000000000000E+0
PIPressure	9	1768	8.530000000000000E+0
PIPressure	9	1769	8.530000000000000E+0

PIPressure	9	1770	8.530000000000000E+0
PIPressure	9	1771	8.530000000000000E+0
PIPressure	9	1772	8.530000000000000E+0
PIPressure	9	1773	8.530000000000000E+0
PIPressure	9	1774	8.530000000000000E+0
PIPressure	9	1775	8.530000000000000E+0
PIPressure	9	1776	8.530000000000000E+0
PIPressure	9	1777	8.530000000000000E+0
PIPressure	9	1778	8.530000000000000E+0
PIPressure	9	1779	8.530000000000000E+0
PIPressure	9	1780	8.530000000000000E+0
PIPressure	9	1781	8.530000000000000E+0
PIPressure	9	1782	8.530000000000000E+0
PIPressure	9	1783	8.530000000000000E+0
PIPressure	9	1784	8.530000000000000E+0
PIPressure	9	1785	8.530000000000000E+0
PIPressure	9	1786	8.530000000000000E+0
PIPressure	9	1787	8.530000000000000E+0
PIPressure	9	1788	8.530000000000000E+0
PIPressure	9	1789	8.530000000000000E+0
PIPressure	9	1790	8.530000000000000E+0
PIPressure	9	1791	8.530000000000000E+0
PIPressure	9	1792	8.530000000000000E+0
PIPressure	9	1793	8.530000000000000E+0
PIPressure	9	1794	8.530000000000000E+0
PIPressure	9	1795	8.530000000000000E+0
PIPressure	9	1796	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	567 di 729

PIPressure	9	1797	8.530000000000000E+0
PIPressure	9	1798	8.530000000000000E+0
PIPressure	9	1799	8.530000000000000E+0
PIPressure	9	1800	8.530000000000000E+0
PIPressure	9	1801	8.530000000000000E+0
PIPressure	9	1802	8.530000000000000E+0
PIPressure	9	1803	8.530000000000000E+0
PIPressure	9	1804	8.530000000000000E+0
PIPressure	9	1805	8.530000000000000E+0
PIPressure	9	1806	8.530000000000000E+0
PIPressure	9	1807	8.530000000000000E+0
PIPressure	9	1808	8.530000000000000E+0
PIPressure	9	1809	8.530000000000000E+0
PIPressure	9	1810	8.530000000000000E+0
PIPressure	9	1811	8.530000000000000E+0
PIPressure	9	1812	8.530000000000000E+0
PIPressure	9	1813	8.530000000000000E+0
PIPressure	9	1814	8.530000000000000E+0
PIPressure	9	1815	8.530000000000000E+0
PIPressure	9	1816	8.530000000000000E+0
PIPressure	9	1817	8.530000000000000E+0
PIPressure	9	1818	8.530000000000000E+0
PIPressure	9	1819	8.530000000000000E+0
PIPressure	9	1820	8.530000000000000E+0
PIPressure	9	1821	8.530000000000000E+0
PIPressure	9	1822	8.530000000000000E+0
PIPressure	9	1823	8.530000000000000E+0

PIPressure	9	1824	8.530000000000000E+0
PIPressure	9	1825	8.530000000000000E+0
PIPressure	9	1826	8.530000000000000E+0
PIPressure	9	1827	8.530000000000000E+0
PIPressure	9	1828	8.530000000000000E+0
PIPressure	9	1829	8.530000000000000E+0
PIPressure	9	1830	8.530000000000000E+0
PIPressure	9	1831	8.530000000000000E+0
PIPressure	9	1832	8.530000000000000E+0
PIPressure	9	1833	8.530000000000000E+0
PIPressure	9	1834	8.530000000000000E+0
PIPressure	9	1835	8.530000000000000E+0
PIPressure	9	1836	8.530000000000000E+0
PIPressure	9	1837	8.530000000000000E+0
PIPressure	9	1838	8.530000000000000E+0
PIPressure	9	1839	8.530000000000000E+0
PIPressure	9	1840	8.530000000000000E+0
PIPressure	9	1841	8.530000000000000E+0
PIPressure	9	1842	8.530000000000000E+0
PIPressure	9	1843	8.530000000000000E+0
PIPressure	9	1844	8.530000000000000E+0
PIPressure	9	1845	8.530000000000000E+0
PIPressure	9	1846	8.530000000000000E+0
PIPressure	9	1847	8.530000000000000E+0
PIPressure	9	1848	8.530000000000000E+0
PIPressure	9	1849	8.530000000000000E+0
PIPressure	9	1850	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	569 di 729

PIPressure	9	1851	8.530000000000000E+0
PIPressure	9	1852	8.530000000000000E+0
PIPressure	9	1853	8.530000000000000E+0
PIPressure	9	1854	8.530000000000000E+0
PIPressure	9	1855	8.530000000000000E+0
PIPressure	9	1856	8.530000000000000E+0
PIPressure	9	1857	8.530000000000000E+0
PIPressure	9	1858	8.530000000000000E+0
PIPressure	9	1859	8.530000000000000E+0
PIPressure	9	1860	8.530000000000000E+0
PIPressure	9	1861	8.530000000000000E+0
PIPressure	9	1862	8.530000000000000E+0
PIPressure	9	1863	8.530000000000000E+0
PIPressure	9	1864	8.530000000000000E+0
PIPressure	9	1865	8.530000000000000E+0
PIPressure	9	1866	8.530000000000000E+0
PIPressure	9	1867	8.530000000000000E+0
PIPressure	9	1868	8.530000000000000E+0
PIPressure	9	1869	8.530000000000000E+0
PIPressure	9	1870	8.530000000000000E+0
PIPressure	9	1871	8.530000000000000E+0
PIPressure	9	1872	8.530000000000000E+0
PIPressure	9	1873	8.530000000000000E+0
PIPressure	9	1874	8.530000000000000E+0
PIPressure	9	1875	8.530000000000000E+0
PIPressure	9	1876	8.530000000000000E+0
PIPressure	9	1877	8.530000000000000E+0

PIPressure	9	1878	8.530000000000000E+0
PIPressure	9	1879	8.530000000000000E+0
PIPressure	9	1880	8.530000000000000E+0
PIPressure	9	1881	8.530000000000000E+0
PIPressure	9	1882	8.530000000000000E+0
PIPressure	9	1883	8.530000000000000E+0
PIPressure	9	1884	8.530000000000000E+0
PIPressure	9	1885	8.530000000000000E+0
PIPressure	9	1886	8.530000000000000E+0
PIPressure	9	1887	8.530000000000000E+0
PIPressure	9	1888	8.530000000000000E+0
PIPressure	9	1889	8.530000000000000E+0
PIPressure	9	1890	8.530000000000000E+0
PIPressure	9	1891	8.530000000000000E+0
PIPressure	9	1892	8.530000000000000E+0
PIPressure	9	1893	8.530000000000000E+0
PIPressure	9	1894	8.530000000000000E+0
PIPressure	9	1895	8.530000000000000E+0
PIPressure	9	1896	8.530000000000000E+0
PIPressure	9	1897	8.530000000000000E+0
PIPressure	9	1898	8.530000000000000E+0
PIPressure	9	1899	8.530000000000000E+0
PIPressure	9	1900	8.530000000000000E+0
PIPressure	9	1901	8.530000000000000E+0
PIPressure	9	1902	8.530000000000000E+0
PIPressure	9	1903	8.530000000000000E+0
PIPressure	9	1904	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	571 di 729

PIPressure	9	1905	8.530000000000000E+0
PIPressure	9	1906	8.530000000000000E+0
PIPressure	9	1907	8.530000000000000E+0
PIPressure	9	1908	8.530000000000000E+0
PIPressure	9	1909	8.530000000000000E+0
PIPressure	9	1910	8.530000000000000E+0
PIPressure	9	1911	8.530000000000000E+0
PIPressure	9	1912	8.530000000000000E+0
PIPressure	9	1913	8.530000000000000E+0
PIPressure	9	1914	8.530000000000000E+0
PIPressure	9	1915	8.530000000000000E+0
PIPressure	9	1916	8.530000000000000E+0
PIPressure	9	1917	8.530000000000000E+0
PIPressure	9	1918	8.530000000000000E+0
PIPressure	9	1919	8.530000000000000E+0
PIPressure	9	1920	8.530000000000000E+0
PIPressure	9	1921	8.530000000000000E+0
PIPressure	9	1922	8.530000000000000E+0
PIPressure	9	1923	8.530000000000000E+0
PIPressure	9	1924	8.530000000000000E+0
PIPressure	9	1925	8.530000000000000E+0
PIPressure	9	1926	8.530000000000000E+0
PIPressure	9	1927	8.530000000000000E+0
PIPressure	9	1928	8.530000000000000E+0
PIPressure	9	1929	8.530000000000000E+0
PIPressure	9	1930	8.530000000000000E+0
PIPressure	9	1931	8.530000000000000E+0

PIPressure	9	1932	8.530000000000000E+0
PIPressure	9	1933	8.530000000000000E+0
PIPressure	9	1934	8.530000000000000E+0
PIPressure	9	1935	8.530000000000000E+0
PIPressure	9	1936	8.530000000000000E+0
PIPressure	9	1937	8.530000000000000E+0
PIPressure	9	1938	8.530000000000000E+0
PIPressure	9	1939	8.530000000000000E+0
PIPressure	9	1940	8.530000000000000E+0
PIPressure	9	1941	8.530000000000000E+0
PIPressure	9	1942	8.530000000000000E+0
PIPressure	9	1943	8.530000000000000E+0
PIPressure	9	1944	8.530000000000000E+0
PIPressure	9	1945	8.530000000000000E+0
PIPressure	9	1946	8.530000000000000E+0
PIPressure	9	1947	8.530000000000000E+0
PIPressure	9	1948	8.530000000000000E+0
PIPressure	9	1949	8.530000000000000E+0
PIPressure	9	1950	8.530000000000000E+0
PIPressure	9	1951	8.530000000000000E+0
PIPressure	9	1952	8.530000000000000E+0
PIPressure	9	1953	8.530000000000000E+0
PIPressure	9	1954	8.530000000000000E+0
PIPressure	9	1955	8.530000000000000E+0
PIPressure	9	1956	8.530000000000000E+0
PIPressure	9	1957	8.530000000000000E+0
PIPressure	9	1958	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	573 di 729

PIPressure	9	1959	8.530000000000000E+0
PIPressure	9	1960	8.530000000000000E+0
PIPressure	9	1961	8.530000000000000E+0
PIPressure	9	1962	8.530000000000000E+0
PIPressure	9	1963	8.530000000000000E+0
PIPressure	9	1964	8.530000000000000E+0
PIPressure	9	1965	8.530000000000000E+0
PIPressure	9	1966	8.530000000000000E+0
PIPressure	9	1967	8.530000000000000E+0
PIPressure	9	1968	8.530000000000000E+0
PIPressure	9	1969	8.530000000000000E+0
PIPressure	9	1970	8.530000000000000E+0
PIPressure	9	1971	8.530000000000000E+0
PIPressure	9	1972	8.530000000000000E+0
PIPressure	9	1973	8.530000000000000E+0
PIPressure	9	1974	8.530000000000000E+0
PIPressure	9	1975	8.530000000000000E+0
PIPressure	9	1976	8.530000000000000E+0
PIPressure	9	1977	8.530000000000000E+0
PIPressure	9	1978	8.530000000000000E+0
PIPressure	9	1979	8.530000000000000E+0
PIPressure	9	1980	8.530000000000000E+0
PIPressure	9	1981	8.530000000000000E+0
PIPressure	9	1982	8.530000000000000E+0
PIPressure	9	1983	8.530000000000000E+0
PIPressure	9	1984	8.530000000000000E+0
PIPressure	9	1985	8.530000000000000E+0

PIPressure	9	1986	8.530000000000000E+0
PIPressure	9	1987	8.530000000000000E+0
PIPressure	9	1988	8.530000000000000E+0
PIPressure	9	1989	8.530000000000000E+0
PIPressure	9	1990	8.530000000000000E+0
PIPressure	9	1991	8.530000000000000E+0
PIPressure	9	1992	8.530000000000000E+0
PIPressure	9	1993	8.530000000000000E+0
PIPressure	9	1994	8.530000000000000E+0
PIPressure	9	1995	8.530000000000000E+0
PIPressure	9	1996	8.530000000000000E+0
PIPressure	9	1997	8.530000000000000E+0
PIPressure	9	1998	8.530000000000000E+0
PIPressure	9	1999	8.530000000000000E+0
PIPressure	9	2000	8.530000000000000E+0
PIPressure	9	2001	8.530000000000000E+0
PIPressure	9	2002	8.530000000000000E+0
PIPressure	9	2003	8.530000000000000E+0
PIPressure	9	2004	8.530000000000000E+0
PIPressure	9	2005	8.530000000000000E+0
PIPressure	9	2006	8.530000000000000E+0
PIPressure	9	2007	8.530000000000000E+0
PIPressure	9	2008	8.530000000000000E+0
PIPressure	9	2009	8.530000000000000E+0
PIPressure	9	2010	8.530000000000000E+0
PIPressure	9	2011	8.530000000000000E+0
PIPressure	9	2012	8.530000000000000E+0

PIPressure	9	2013	8.530000000000000E+0
PIPressure	9	2014	8.530000000000000E+0
PIPressure	9	2015	8.530000000000000E+0
PIPressure	9	2016	8.530000000000000E+0
PIPressure	9	2017	8.530000000000000E+0
PIPressure	9	2018	8.530000000000000E+0
PIPressure	9	2019	8.530000000000000E+0
PIPressure	9	2020	8.530000000000000E+0
PIPressure	9	2021	8.530000000000000E+0
PIPressure	9	2022	8.530000000000000E+0
PIPressure	9	2023	8.530000000000000E+0
PIPressure	9	2024	8.530000000000000E+0
PIPressure	9	2025	8.530000000000000E+0
PIPressure	9	2026	8.530000000000000E+0
PIPressure	9	2027	8.530000000000000E+0
PIPressure	9	2028	8.530000000000000E+0
PIPressure	9	2029	8.530000000000000E+0
PIPressure	9	2030	8.530000000000000E+0
PIPressure	9	2031	8.530000000000000E+0
PIPressure	9	2032	8.530000000000000E+0
PIPressure	9	2033	8.530000000000000E+0
PIPressure	9	2034	8.530000000000000E+0
PIPressure	9	2035	8.530000000000000E+0
PIPressure	9	2036	8.530000000000000E+0
PIPressure	9	2037	8.530000000000000E+0
PIPressure	9	2038	8.530000000000000E+0
PIPressure	9	2039	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	576 di 729

PIPressure	9	2040	8.530000000000000E+0
PIPressure	9	2041	8.530000000000000E+0
PIPressure	9	2042	8.530000000000000E+0
PIPressure	9	2043	8.530000000000000E+0
PIPressure	9	2044	8.530000000000000E+0
PIPressure	9	2045	8.530000000000000E+0
PIPressure	9	2046	8.530000000000000E+0
PIPressure	9	2047	8.530000000000000E+0
PIPressure	9	2048	8.530000000000000E+0
PIPressure	9	2049	8.530000000000000E+0
PIPressure	9	2050	8.530000000000000E+0
PIPressure	9	2051	8.530000000000000E+0
PIPressure	9	2052	8.530000000000000E+0
PIPressure	9	2053	8.530000000000000E+0
PIPressure	9	2054	8.530000000000000E+0
PIPressure	9	2055	8.530000000000000E+0
PIPressure	9	2056	8.530000000000000E+0
PIPressure	9	2057	8.530000000000000E+0
PIPressure	9	2058	8.530000000000000E+0
PIPressure	9	2059	8.530000000000000E+0
PIPressure	9	2060	8.530000000000000E+0
PIPressure	9	2061	8.530000000000000E+0
PIPressure	9	2062	8.530000000000000E+0
PIPressure	9	2063	8.530000000000000E+0
PIPressure	9	2064	8.530000000000000E+0
PIPressure	9	2065	8.530000000000000E+0
PIPressure	9	2066	8.530000000000000E+0

PIPressure	9	2067	8.530000000000000E+0
PIPressure	9	2068	8.530000000000000E+0
PIPressure	9	2069	8.530000000000000E+0
PIPressure	9	2070	8.530000000000000E+0
PIPressure	9	2071	8.530000000000000E+0
PIPressure	9	2072	8.530000000000000E+0
PIPressure	9	2073	8.530000000000000E+0
PIPressure	9	2074	8.530000000000000E+0
PIPressure	9	2075	8.530000000000000E+0
PIPressure	9	2076	8.530000000000000E+0
PIPressure	9	2077	8.530000000000000E+0
PIPressure	9	2078	8.530000000000000E+0
PIPressure	9	2079	8.530000000000000E+0
PIPressure	9	2080	8.530000000000000E+0
PIPressure	9	2081	8.530000000000000E+0
PIPressure	9	2082	8.530000000000000E+0
PIPressure	9	2083	8.530000000000000E+0
PIPressure	9	2084	8.530000000000000E+0
PIPressure	9	2085	8.530000000000000E+0
PIPressure	9	2086	8.530000000000000E+0
PIPressure	9	2087	8.530000000000000E+0
PIPressure	9	2088	8.530000000000000E+0
PIPressure	9	2089	8.530000000000000E+0
PIPressure	9	2090	8.530000000000000E+0
PIPressure	9	2091	8.530000000000000E+0
PIPressure	9	2092	8.530000000000000E+0
PIPressure	9	2093	8.530000000000000E+0

PIPressure	9	2094	8.530000000000000E+0
PIPressure	9	2095	8.530000000000000E+0
PIPressure	9	2096	8.530000000000000E+0
PIPressure	9	2097	8.530000000000000E+0
PIPressure	9	2098	8.530000000000000E+0
PIPressure	9	2099	8.530000000000000E+0
PIPressure	9	2100	8.530000000000000E+0
PIPressure	9	2101	8.530000000000000E+0
PIPressure	9	2102	8.530000000000000E+0
PIPressure	9	2103	8.530000000000000E+0
PIPressure	9	2104	8.530000000000000E+0
PIPressure	9	2105	8.530000000000000E+0
PIPressure	9	2106	8.530000000000000E+0
PIPressure	9	2107	8.530000000000000E+0
PIPressure	9	2108	8.530000000000000E+0
PIPressure	9	2109	8.530000000000000E+0
PIPressure	9	2110	8.530000000000000E+0
PIPressure	9	2111	8.530000000000000E+0
PIPressure	9	2112	8.530000000000000E+0
PIPressure	9	2113	8.530000000000000E+0
PIPressure	9	2114	8.530000000000000E+0
PIPressure	9	2115	8.530000000000000E+0
PIPressure	9	2116	8.530000000000000E+0
PIPressure	9	2117	8.530000000000000E+0
PIPressure	9	2118	8.530000000000000E+0
PIPressure	9	2119	8.530000000000000E+0
PIPressure	9	2120	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	579 di 729

PIPressure	9	2121	8.530000000000000E+0
PIPressure	9	2122	8.530000000000000E+0
PIPressure	9	2123	8.530000000000000E+0
PIPressure	9	2124	8.530000000000000E+0
PIPressure	9	2125	8.530000000000000E+0
PIPressure	9	2126	8.530000000000000E+0
PIPressure	9	2127	8.530000000000000E+0
PIPressure	9	2128	8.530000000000000E+0
PIPressure	9	2129	8.530000000000000E+0
PIPressure	9	2130	8.530000000000000E+0
PIPressure	9	2131	8.530000000000000E+0
PIPressure	9	2132	8.530000000000000E+0
PIPressure	9	2133	8.530000000000000E+0
PIPressure	9	2134	8.530000000000000E+0
PIPressure	9	2135	8.530000000000000E+0
PIPressure	9	2136	8.530000000000000E+0
PIPressure	9	2137	8.530000000000000E+0
PIPressure	9	2138	8.530000000000000E+0
PIPressure	9	2139	8.530000000000000E+0
PIPressure	9	2140	8.530000000000000E+0
PIPressure	9	2141	8.530000000000000E+0
PIPressure	9	2142	8.530000000000000E+0
PIPressure	9	2143	8.530000000000000E+0
PIPressure	9	2144	8.530000000000000E+0
PIPressure	9	2145	8.530000000000000E+0
PIPressure	9	2146	8.530000000000000E+0
PIPressure	9	2147	8.530000000000000E+0

PIPressure	9	2148	8.530000000000000E+0
PIPressure	9	2149	8.530000000000000E+0
PIPressure	9	2150	8.530000000000000E+0
PIPressure	9	2151	8.530000000000000E+0
PIPressure	9	2152	8.530000000000000E+0
PIPressure	9	2153	8.530000000000000E+0
PIPressure	9	2154	8.530000000000000E+0
PIPressure	9	2155	8.530000000000000E+0
PIPressure	9	2156	8.530000000000000E+0
PIPressure	9	2157	8.530000000000000E+0
PIPressure	9	2158	8.530000000000000E+0
PIPressure	9	2159	8.530000000000000E+0
PIPressure	9	2160	8.530000000000000E+0
PIPressure	9	2161	8.530000000000000E+0
PIPressure	9	2162	8.530000000000000E+0
PIPressure	9	2163	8.530000000000000E+0
PIPressure	9	2164	8.530000000000000E+0
PIPressure	9	2165	8.530000000000000E+0
PIPressure	9	2166	8.530000000000000E+0
PIPressure	9	2167	8.530000000000000E+0
PIPressure	9	2168	8.530000000000000E+0
PIPressure	9	2169	8.530000000000000E+0
PIPressure	9	2170	8.530000000000000E+0
PIPressure	9	2171	8.530000000000000E+0
PIPressure	9	2172	8.530000000000000E+0
PIPressure	9	2173	8.530000000000000E+0
PIPressure	9	2174	8.530000000000000E+0

PIPressure	9	2175	8.530000000000000E+0
PIPressure	9	2176	8.530000000000000E+0
PIPressure	9	2177	8.530000000000000E+0
PIPressure	9	2178	8.530000000000000E+0
PIPressure	9	2179	8.530000000000000E+0
PIPressure	9	2180	8.530000000000000E+0
PIPressure	9	2181	8.530000000000000E+0
PIPressure	9	2182	8.530000000000000E+0
PIPressure	9	2183	8.530000000000000E+0
PIPressure	9	2184	8.530000000000000E+0
PIPressure	9	2185	8.530000000000000E+0
PIPressure	9	2186	8.530000000000000E+0
PIPressure	9	2187	8.530000000000000E+0
PIPressure	9	2188	8.530000000000000E+0
PIPressure	9	2189	8.530000000000000E+0
PIPressure	9	2190	8.530000000000000E+0
PIPressure	9	2191	8.530000000000000E+0
PIPressure	9	2192	8.530000000000000E+0
PIPressure	9	2193	8.530000000000000E+0
PIPressure	9	2194	8.530000000000000E+0
PIPressure	9	2195	8.530000000000000E+0
PIPressure	9	2196	8.530000000000000E+0
PIPressure	9	2197	8.530000000000000E+0
PIPressure	9	2198	8.530000000000000E+0
PIPressure	9	2199	8.530000000000000E+0
PIPressure	9	2200	8.530000000000000E+0
PIPressure	9	2201	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	582 di 729

PIPressure	9	2202	8.530000000000000E+0
PIPressure	9	2203	8.530000000000000E+0
PIPressure	9	2204	8.530000000000000E+0
PIPressure	9	2205	8.530000000000000E+0
PIPressure	9	2206	8.530000000000000E+0
PIPressure	9	2207	8.530000000000000E+0
PIPressure	9	2208	8.530000000000000E+0
PIPressure	9	2209	8.530000000000000E+0
PIPressure	9	2210	8.530000000000000E+0
PIPressure	9	2211	8.530000000000000E+0
PIPressure	9	2212	8.530000000000000E+0
PIPressure	9	2213	8.530000000000000E+0
PIPressure	9	2214	8.530000000000000E+0
PIPressure	9	2215	8.530000000000000E+0
PIPressure	9	2216	8.530000000000000E+0
PIPressure	9	2217	8.530000000000000E+0
PIPressure	9	2218	8.530000000000000E+0
PIPressure	9	2219	8.530000000000000E+0
PIPressure	9	2220	8.530000000000000E+0
PIPressure	9	2221	8.530000000000000E+0
PIPressure	9	2222	8.530000000000000E+0
PIPressure	9	2223	8.530000000000000E+0
PIPressure	9	2224	8.530000000000000E+0
PIPressure	9	2225	8.530000000000000E+0
PIPressure	9	2226	8.530000000000000E+0
PIPressure	9	2227	8.530000000000000E+0
PIPressure	9	2228	8.530000000000000E+0

PIPressure	9	2229	8.530000000000000E+0
PIPressure	9	2230	8.530000000000000E+0
PIPressure	9	2231	8.530000000000000E+0
PIPressure	9	2232	8.530000000000000E+0
PIPressure	9	2233	8.530000000000000E+0
PIPressure	9	2234	8.530000000000000E+0
PIPressure	9	2235	8.530000000000000E+0
PIPressure	9	2236	8.530000000000000E+0
PIPressure	9	2237	8.530000000000000E+0
PIPressure	9	2238	8.530000000000000E+0
PIPressure	9	2239	8.530000000000000E+0
PIPressure	9	2240	8.530000000000000E+0
PIPressure	9	2241	8.530000000000000E+0
PIPressure	9	2242	8.530000000000000E+0
PIPressure	9	2243	8.530000000000000E+0
PIPressure	9	2244	8.530000000000000E+0
PIPressure	9	2245	8.530000000000000E+0
PIPressure	9	2246	8.530000000000000E+0
PIPressure	9	2247	8.530000000000000E+0
PIPressure	9	2248	8.530000000000000E+0
PIPressure	9	2249	8.530000000000000E+0
PIPressure	9	2250	8.530000000000000E+0
PIPressure	9	2251	8.530000000000000E+0
PIPressure	9	2252	8.530000000000000E+0
PIPressure	9	2253	8.530000000000000E+0
PIPressure	9	2254	8.530000000000000E+0
PIPressure	9	2255	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	584 di 729

PIPressure	9	2256	8.530000000000000E+0
PIPressure	9	2257	8.530000000000000E+0
PIPressure	9	2258	8.530000000000000E+0
PIPressure	9	2259	8.530000000000000E+0
PIPressure	9	2260	8.530000000000000E+0
PIPressure	9	2261	8.530000000000000E+0
PIPressure	9	2262	8.530000000000000E+0
PIPressure	9	2263	8.530000000000000E+0
PIPressure	9	2264	8.530000000000000E+0
PIPressure	9	2265	8.530000000000000E+0
PIPressure	9	2266	8.530000000000000E+0
PIPressure	9	2267	8.530000000000000E+0
PIPressure	9	2268	8.530000000000000E+0
PIPressure	9	2269	8.530000000000000E+0
PIPressure	9	2270	8.530000000000000E+0
PIPressure	9	2271	8.530000000000000E+0
PIPressure	9	2272	8.530000000000000E+0
PIPressure	9	2273	8.530000000000000E+0
PIPressure	9	2274	8.530000000000000E+0
PIPressure	9	2275	8.530000000000000E+0
PIPressure	9	2276	8.530000000000000E+0
PIPressure	9	2277	8.530000000000000E+0
PIPressure	9	2278	8.530000000000000E+0
PIPressure	9	2279	8.530000000000000E+0
PIPressure	9	2280	8.530000000000000E+0
PIPressure	9	2281	8.530000000000000E+0
PIPressure	9	2282	8.530000000000000E+0

PIPressure	9	2283	8.530000000000000E+0
PIPressure	9	2284	8.530000000000000E+0
PIPressure	9	2285	8.530000000000000E+0
PIPressure	9	2286	8.530000000000000E+0
PIPressure	9	2287	8.530000000000000E+0
PIPressure	9	2288	8.530000000000000E+0
PIPressure	9	2289	8.530000000000000E+0
PIPressure	9	2290	8.530000000000000E+0
PIPressure	9	2291	8.530000000000000E+0
PIPressure	9	2292	8.530000000000000E+0
PIPressure	9	2293	8.530000000000000E+0
PIPressure	9	2294	8.530000000000000E+0
PIPressure	9	2295	8.530000000000000E+0
PIPressure	9	2296	8.530000000000000E+0
PIPressure	9	2297	8.530000000000000E+0
PIPressure	9	2298	8.530000000000000E+0
PIPressure	9	2299	8.530000000000000E+0
PIPressure	9	2300	8.530000000000000E+0
PIPressure	9	2301	8.530000000000000E+0
PIPressure	9	2302	8.530000000000000E+0
PIPressure	9	2303	8.530000000000000E+0
PIPressure	9	2304	8.530000000000000E+0
PIPressure	9	2305	8.530000000000000E+0
PIPressure	9	2306	8.530000000000000E+0
PIPressure	9	2307	8.530000000000000E+0
PIPressure	9	2308	8.530000000000000E+0
PIPressure	9	2309	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	586 di 729

PIPressure	9	2310	8.530000000000000E+0
PIPressure	9	2311	8.530000000000000E+0
PIPressure	9	2312	8.530000000000000E+0
PIPressure	9	2313	8.530000000000000E+0
PIPressure	9	2314	8.530000000000000E+0
PIPressure	9	2315	8.530000000000000E+0
PIPressure	9	2316	8.530000000000000E+0
PIPressure	9	2317	8.530000000000000E+0
PIPressure	9	2318	8.530000000000000E+0
PIPressure	9	2319	8.530000000000000E+0
PIPressure	9	2320	8.530000000000000E+0
PIPressure	9	2321	8.530000000000000E+0
PIPressure	9	2322	8.530000000000000E+0
PIPressure	9	2323	8.530000000000000E+0
PIPressure	9	2324	8.530000000000000E+0
PIPressure	9	2325	8.530000000000000E+0
PIPressure	9	2326	8.530000000000000E+0
PIPressure	9	2327	8.530000000000000E+0
PIPressure	9	2328	8.530000000000000E+0
PIPressure	9	2329	8.530000000000000E+0
PIPressure	9	2330	8.530000000000000E+0
PIPressure	9	2331	8.530000000000000E+0
PIPressure	9	2332	8.530000000000000E+0
PIPressure	9	2333	8.530000000000000E+0
PIPressure	9	2334	8.530000000000000E+0
PIPressure	9	2335	8.530000000000000E+0
PIPressure	9	2336	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	587 di 729

PIPressure	9	2337	8.530000000000000E+0
PIPressure	9	2338	8.530000000000000E+0
PIPressure	9	2339	8.530000000000000E+0
PIPressure	9	2340	8.530000000000000E+0
PIPressure	9	2341	8.530000000000000E+0
PIPressure	9	2342	8.530000000000000E+0
PIPressure	9	2343	8.530000000000000E+0
PIPressure	9	2344	8.530000000000000E+0
PIPressure	9	2345	8.530000000000000E+0
PIPressure	9	2346	8.530000000000000E+0
PIPressure	9	2347	8.530000000000000E+0
PIPressure	9	2348	8.530000000000000E+0
PIPressure	9	2349	8.530000000000000E+0
PIPressure	9	2350	8.530000000000000E+0
PIPressure	9	2351	8.530000000000000E+0
PIPressure	9	2352	8.530000000000000E+0
PIPressure	9	2353	8.530000000000000E+0
PIPressure	9	2354	8.530000000000000E+0
PIPressure	9	2355	8.530000000000000E+0
PIPressure	9	2356	8.530000000000000E+0
PIPressure	9	2357	8.530000000000000E+0
PIPressure	9	2358	8.530000000000000E+0
PIPressure	9	2359	8.530000000000000E+0
PIPressure	9	2360	8.530000000000000E+0
PIPressure	9	2361	8.530000000000000E+0
PIPressure	9	2362	8.530000000000000E+0
PIPressure	9	2363	8.530000000000000E+0

PIPressure	9	2364	8.530000000000000E+0
PIPressure	9	2365	8.530000000000000E+0
PIPressure	9	2366	8.530000000000000E+0
PIPressure	9	2367	8.530000000000000E+0
PIPressure	9	2368	8.530000000000000E+0
PIPressure	9	2369	8.530000000000000E+0
PIPressure	9	2370	8.530000000000000E+0
PIPressure	9	2371	8.530000000000000E+0
PIPressure	9	2372	8.530000000000000E+0
PIPressure	9	2373	8.530000000000000E+0
PIPressure	9	2374	8.530000000000000E+0
PIPressure	9	2375	8.530000000000000E+0
PIPressure	9	2376	8.530000000000000E+0
PIPressure	9	2377	8.530000000000000E+0
PIPressure	9	2378	8.530000000000000E+0
PIPressure	9	2379	8.530000000000000E+0
PIPressure	9	2380	8.530000000000000E+0
PIPressure	9	2381	8.530000000000000E+0
PIPressure	9	2382	8.530000000000000E+0
PIPressure	9	2383	8.530000000000000E+0
PIPressure	9	2384	8.530000000000000E+0
PIPressure	9	2385	8.530000000000000E+0
PIPressure	9	2386	8.530000000000000E+0
PIPressure	9	2387	8.530000000000000E+0
PIPressure	9	2388	8.530000000000000E+0
PIPressure	9	2389	8.530000000000000E+0
PIPressure	9	2390	8.530000000000000E+0

PIPressure	9	2391	8.530000000000000E+0
PIPressure	9	2392	8.530000000000000E+0
PIPressure	9	2393	8.530000000000000E+0
PIPressure	9	2394	8.530000000000000E+0
PIPressure	9	2395	8.530000000000000E+0
PIPressure	9	2396	8.530000000000000E+0
PIPressure	9	2397	8.530000000000000E+0
PIPressure	9	2398	8.530000000000000E+0
PIPressure	9	2399	8.530000000000000E+0
PIPressure	9	2400	8.530000000000000E+0
PIPressure	9	2401	8.530000000000000E+0
PIPressure	9	2402	8.530000000000000E+0
PIPressure	9	2403	8.530000000000000E+0
PIPressure	9	2404	8.530000000000000E+0
PIPressure	9	2405	8.530000000000000E+0
PIPressure	9	2406	8.530000000000000E+0
PIPressure	9	2407	8.530000000000000E+0
PIPressure	9	2408	8.530000000000000E+0
PIPressure	9	2409	8.530000000000000E+0
PIPressure	9	2410	8.530000000000000E+0
PIPressure	9	2411	8.530000000000000E+0
PIPressure	9	2412	8.530000000000000E+0
PIPressure	9	2413	8.530000000000000E+0
PIPressure	9	2414	8.530000000000000E+0
PIPressure	9	2415	8.530000000000000E+0
PIPressure	9	2416	8.530000000000000E+0
PIPressure	9	2417	8.530000000000000E+0

PIPressure	9	2418	8.530000000000000E+0
PIPressure	9	2419	8.530000000000000E+0
PIPressure	9	2420	8.530000000000000E+0
PIPressure	9	2421	8.530000000000000E+0
PIPressure	9	2422	8.530000000000000E+0
PIPressure	9	2423	8.530000000000000E+0
PIPressure	9	2424	8.530000000000000E+0
PIPressure	9	2425	8.530000000000000E+0
PIPressure	9	2426	8.530000000000000E+0
PIPressure	9	2427	8.530000000000000E+0
PIPressure	9	2428	8.530000000000000E+0
PIPressure	9	2429	8.530000000000000E+0
PIPressure	9	2430	8.530000000000000E+0
PIPressure	9	2431	8.530000000000000E+0
PIPressure	9	2432	8.530000000000000E+0
PIPressure	9	2433	8.530000000000000E+0
PIPressure	9	2434	8.530000000000000E+0
PIPressure	9	2435	8.530000000000000E+0
PIPressure	9	2436	8.530000000000000E+0
PIPressure	9	2437	8.530000000000000E+0
PIPressure	9	2438	8.530000000000000E+0
PIPressure	9	2439	8.530000000000000E+0
PIPressure	9	2440	8.530000000000000E+0
PIPressure	9	2441	8.530000000000000E+0
PIPressure	9	2442	8.530000000000000E+0
PIPressure	9	2443	8.530000000000000E+0
PIPressure	9	2444	8.530000000000000E+0

PIPressure	9	2445	8.530000000000000E+0
PIPressure	9	2446	8.530000000000000E+0
PIPressure	9	2447	8.530000000000000E+0
PIPressure	9	2448	8.530000000000000E+0
PIPressure	9	2449	8.530000000000000E+0
PIPressure	9	2450	8.530000000000000E+0
PIPressure	9	2451	8.530000000000000E+0
PIPressure	9	2452	8.530000000000000E+0
PIPressure	9	2453	8.530000000000000E+0
PIPressure	9	2454	8.530000000000000E+0
PIPressure	9	2455	8.530000000000000E+0
PIPressure	9	2456	8.530000000000000E+0
PIPressure	9	2457	8.530000000000000E+0
PIPressure	9	2458	8.530000000000000E+0
PIPressure	9	2459	8.530000000000000E+0
PIPressure	9	2460	8.530000000000000E+0
PIPressure	9	2461	8.530000000000000E+0
PIPressure	9	2462	8.530000000000000E+0
PIPressure	9	2463	8.530000000000000E+0
PIPressure	9	2464	8.530000000000000E+0
PIPressure	9	2465	8.530000000000000E+0
PIPressure	9	2466	8.530000000000000E+0
PIPressure	9	2467	8.530000000000000E+0
PIPressure	9	2468	8.530000000000000E+0
PIPressure	9	2469	8.530000000000000E+0
PIPressure	9	2470	8.530000000000000E+0
PIPressure	9	2471	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	592 di 729

PIPressure	9	2472	8.530000000000000E+0
PIPressure	9	2473	8.530000000000000E+0
PIPressure	9	2474	8.530000000000000E+0
PIPressure	9	2475	8.530000000000000E+0
PIPressure	9	2476	8.530000000000000E+0
PIPressure	9	2477	8.530000000000000E+0
PIPressure	9	2478	8.530000000000000E+0
PIPressure	9	2479	8.530000000000000E+0
PIPressure	9	2480	8.530000000000000E+0
PIPressure	9	2481	8.530000000000000E+0
PIPressure	9	2482	8.530000000000000E+0
PIPressure	9	2483	8.530000000000000E+0
PIPressure	9	2484	8.530000000000000E+0
PIPressure	9	2485	8.530000000000000E+0
PIPressure	9	2486	8.530000000000000E+0
PIPressure	9	2487	8.530000000000000E+0
PIPressure	9	2488	8.530000000000000E+0
PIPressure	9	2489	8.530000000000000E+0
PIPressure	9	2490	8.530000000000000E+0
PIPressure	9	2491	8.530000000000000E+0
PIPressure	9	2492	8.530000000000000E+0
PIPressure	9	2493	8.530000000000000E+0
PIPressure	9	2494	8.530000000000000E+0
PIPressure	9	2495	8.530000000000000E+0
PIPressure	9	2496	8.530000000000000E+0
PIPressure	9	2497	8.530000000000000E+0
PIPressure	9	2498	8.530000000000000E+0

PIPressure	9	2499	8.530000000000000E+0
PIPressure	9	2500	8.530000000000000E+0
PIPressure	9	2501	8.530000000000000E+0
PIPressure	9	2502	8.530000000000000E+0
PIPressure	9	2503	8.530000000000000E+0
PIPressure	9	2504	8.530000000000000E+0
PIPressure	9	2505	8.530000000000000E+0
PIPressure	9	2506	8.530000000000000E+0
PIPressure	9	2507	8.530000000000000E+0
PIPressure	9	2508	8.530000000000000E+0
PIPressure	9	2509	8.530000000000000E+0
PIPressure	9	2510	8.530000000000000E+0
PIPressure	9	2511	8.530000000000000E+0
PIPressure	9	2512	8.530000000000000E+0
PIPressure	9	2513	8.530000000000000E+0
PIPressure	9	2514	8.530000000000000E+0
PIPressure	9	2515	8.530000000000000E+0
PIPressure	9	2516	8.530000000000000E+0
PIPressure	9	2517	8.530000000000000E+0
PIPressure	9	2518	8.530000000000000E+0
PIPressure	9	2519	8.530000000000000E+0
PIPressure	9	2520	8.530000000000000E+0
PIPressure	9	2521	8.530000000000000E+0
PIPressure	9	2522	8.530000000000000E+0
PIPressure	9	2523	8.530000000000000E+0
PIPressure	9	2524	8.530000000000000E+0
PIPressure	9	2525	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	594 di 729

PIPressure	9	2526	8.530000000000000E+0
PIPressure	9	2527	8.530000000000000E+0
PIPressure	9	2528	8.530000000000000E+0
PIPressure	9	2529	8.530000000000000E+0
PIPressure	9	2530	8.530000000000000E+0
PIPressure	9	2531	8.530000000000000E+0
PIPressure	9	2532	8.530000000000000E+0
PIPressure	9	2533	8.530000000000000E+0
PIPressure	9	2534	8.530000000000000E+0
PIPressure	9	2535	8.530000000000000E+0
PIPressure	9	2536	8.530000000000000E+0
PIPressure	9	2537	8.530000000000000E+0
PIPressure	9	2538	8.530000000000000E+0
PIPressure	9	2539	8.530000000000000E+0
PIPressure	9	2540	8.530000000000000E+0
PIPressure	9	2541	8.530000000000000E+0
PIPressure	9	2542	8.530000000000000E+0
PIPressure	9	2543	8.530000000000000E+0
PIPressure	9	2544	8.530000000000000E+0
PIPressure	9	2545	8.530000000000000E+0
PIPressure	9	2546	8.530000000000000E+0
PIPressure	9	2547	8.530000000000000E+0
PIPressure	9	2548	8.530000000000000E+0
PIPressure	9	2549	8.530000000000000E+0
PIPressure	9	2550	8.530000000000000E+0
PIPressure	9	2551	8.530000000000000E+0
PIPressure	9	2552	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	595 di 729

PIPressure	9	2553	8.530000000000000E+0
PIPressure	9	2554	8.530000000000000E+0
PIPressure	9	2555	8.530000000000000E+0
PIPressure	9	2556	8.530000000000000E+0
PIPressure	9	2557	8.530000000000000E+0
PIPressure	9	2558	8.530000000000000E+0
PIPressure	9	2559	8.530000000000000E+0
PIPressure	9	2560	8.530000000000000E+0
PIPressure	9	2561	8.530000000000000E+0
PIPressure	9	2562	8.530000000000000E+0
PIPressure	9	2563	8.530000000000000E+0
PIPressure	9	2564	8.530000000000000E+0
PIPressure	9	2565	8.530000000000000E+0
PIPressure	9	2566	8.530000000000000E+0
PIPressure	9	2567	8.530000000000000E+0
PIPressure	9	2568	8.530000000000000E+0
PIPressure	9	2569	8.530000000000000E+0
PIPressure	9	2570	8.530000000000000E+0
PIPressure	9	2571	8.530000000000000E+0
PIPressure	9	2572	8.530000000000000E+0
PIPressure	9	2573	8.530000000000000E+0
PIPressure	9	2574	8.530000000000000E+0
PIPressure	9	2575	8.530000000000000E+0
PIPressure	9	2576	8.530000000000000E+0
PIPressure	9	2577	8.530000000000000E+0
PIPressure	9	2578	8.530000000000000E+0
PIPressure	9	2579	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	596 di 729

PIPressure	9	2580	8.530000000000000E+0
PIPressure	9	2581	8.530000000000000E+0
PIPressure	9	2582	8.530000000000000E+0
PIPressure	9	2583	8.530000000000000E+0
PIPressure	9	2584	8.530000000000000E+0
PIPressure	9	2585	8.530000000000000E+0
PIPressure	9	2586	8.530000000000000E+0
PIPressure	9	2587	8.530000000000000E+0
PIPressure	9	2588	8.530000000000000E+0
PIPressure	9	2589	8.530000000000000E+0
PIPressure	9	2590	8.530000000000000E+0
PIPressure	9	2591	8.530000000000000E+0
PIPressure	9	2592	8.530000000000000E+0
PIPressure	9	2593	8.530000000000000E+0
PIPressure	9	2594	8.530000000000000E+0
PIPressure	9	2595	8.530000000000000E+0
PIPressure	9	2596	8.530000000000000E+0
PIPressure	9	2597	8.530000000000000E+0
PIPressure	9	2598	8.530000000000000E+0
PIPressure	9	2599	8.530000000000000E+0
PIPressure	9	2600	8.530000000000000E+0
PIPressure	9	2601	8.530000000000000E+0
PIPressure	9	2602	8.530000000000000E+0
PIPressure	9	2603	8.530000000000000E+0
PIPressure	9	2604	8.530000000000000E+0
PIPressure	9	2605	8.530000000000000E+0
PIPressure	9	2606	8.530000000000000E+0

PIPressure	9	2607	8.530000000000000E+0
PIPressure	9	2608	8.530000000000000E+0
PIPressure	9	2609	8.530000000000000E+0
PIPressure	9	2610	8.530000000000000E+0
PIPressure	9	2611	8.530000000000000E+0
PIPressure	9	2612	8.530000000000000E+0
PIPressure	9	2613	8.530000000000000E+0
PIPressure	9	2614	8.530000000000000E+0
PIPressure	9	2615	8.530000000000000E+0
PIPressure	9	2616	8.530000000000000E+0
PIPressure	9	2617	8.530000000000000E+0
PIPressure	9	2618	8.530000000000000E+0
PIPressure	9	2619	8.530000000000000E+0
PIPressure	9	2620	8.530000000000000E+0
PIPressure	9	2621	8.530000000000000E+0
PIPressure	9	2622	8.530000000000000E+0
PIPressure	9	2623	8.530000000000000E+0
PIPressure	9	2624	8.530000000000000E+0
PIPressure	9	2625	8.530000000000000E+0
PIPressure	9	2626	8.530000000000000E+0
PIPressure	9	2627	8.530000000000000E+0
PIPressure	9	2628	8.530000000000000E+0
PIPressure	9	2629	8.530000000000000E+0
PIPressure	9	2630	8.530000000000000E+0
PIPressure	9	2631	8.530000000000000E+0
PIPressure	9	2632	8.530000000000000E+0
PIPressure	9	2633	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	598 di 729

PIPressure	9	2634	8.530000000000000E+0
PIPressure	9	2635	8.530000000000000E+0
PIPressure	9	2636	8.530000000000000E+0
PIPressure	9	2637	8.530000000000000E+0
PIPressure	9	2638	8.530000000000000E+0
PIPressure	9	2639	8.530000000000000E+0
PIPressure	9	2640	8.530000000000000E+0
PIPressure	9	2641	8.530000000000000E+0
PIPressure	9	2642	8.530000000000000E+0
PIPressure	9	2643	8.530000000000000E+0
PIPressure	9	2644	8.530000000000000E+0
PIPressure	9	2645	8.530000000000000E+0
PIPressure	9	2646	8.530000000000000E+0
PIPressure	9	2647	8.530000000000000E+0
PIPressure	9	2648	8.530000000000000E+0
PIPressure	9	2649	8.530000000000000E+0
PIPressure	9	2650	8.530000000000000E+0
PIPressure	9	2651	8.530000000000000E+0
PIPressure	9	2652	8.530000000000000E+0
PIPressure	9	2653	8.530000000000000E+0
PIPressure	9	2654	8.530000000000000E+0
PIPressure	9	2655	8.530000000000000E+0
PIPressure	9	2656	8.530000000000000E+0
PIPressure	9	2657	8.530000000000000E+0
PIPressure	9	2658	8.530000000000000E+0
PIPressure	9	2659	8.530000000000000E+0
PIPressure	9	2660	8.530000000000000E+0

PIPressure	9	2661	8.530000000000000E+0
PIPressure	9	2662	8.530000000000000E+0
PIPressure	9	2663	8.530000000000000E+0
PIPressure	9	2664	8.530000000000000E+0
PIPressure	9	2665	8.530000000000000E+0
PIPressure	9	2666	8.530000000000000E+0
PIPressure	9	2667	8.530000000000000E+0
PIPressure	9	2668	8.530000000000000E+0
PIPressure	9	2669	8.530000000000000E+0
PIPressure	9	2670	8.530000000000000E+0
PIPressure	9	2671	8.530000000000000E+0
PIPressure	9	2672	8.530000000000000E+0
PIPressure	9	2673	8.530000000000000E+0
PIPressure	9	2674	8.530000000000000E+0
PIPressure	9	2675	8.530000000000000E+0
PIPressure	9	2676	8.530000000000000E+0
PIPressure	9	2677	8.530000000000000E+0
PIPressure	9	2678	8.530000000000000E+0
PIPressure	9	2679	8.530000000000000E+0
PIPressure	9	2680	8.530000000000000E+0
PIPressure	9	2681	8.530000000000000E+0
PIPressure	9	2682	8.530000000000000E+0
PIPressure	9	2683	8.530000000000000E+0
PIPressure	9	2684	8.530000000000000E+0
PIPressure	9	2685	8.530000000000000E+0
PIPressure	9	2686	8.530000000000000E+0
PIPressure	9	2687	8.530000000000000E+0

PIPressure	9	2688	8.530000000000000E+0
PIPressure	9	2689	8.530000000000000E+0
PIPressure	9	2690	8.530000000000000E+0
PIPressure	9	2691	8.530000000000000E+0
PIPressure	9	2692	8.530000000000000E+0
PIPressure	9	2693	8.530000000000000E+0
PIPressure	9	2694	8.530000000000000E+0
PIPressure	9	2695	8.530000000000000E+0
PIPressure	9	2696	8.530000000000000E+0
PIPressure	9	2697	8.530000000000000E+0
PIPressure	9	2698	8.530000000000000E+0
PIPressure	9	2699	8.530000000000000E+0
PIPressure	9	2700	8.530000000000000E+0
PIPressure	9	2701	8.530000000000000E+0
PIPressure	9	2702	8.530000000000000E+0
PIPressure	9	2703	8.530000000000000E+0
PIPressure	9	2704	8.530000000000000E+0
PIPressure	9	2705	8.530000000000000E+0
PIPressure	9	2706	8.530000000000000E+0
PIPressure	9	2707	8.530000000000000E+0
PIPressure	9	2708	8.530000000000000E+0
PIPressure	9	2709	8.530000000000000E+0
PIPressure	9	2710	8.530000000000000E+0
PIPressure	9	2711	8.530000000000000E+0
PIPressure	9	2712	8.530000000000000E+0
PIPressure	9	2713	8.530000000000000E+0
PIPressure	9	2714	8.530000000000000E+0

PIPressure	9	2715	8.530000000000000E+0
PIPressure	9	2716	8.530000000000000E+0
PIPressure	9	2717	8.530000000000000E+0
PIPressure	9	2718	8.530000000000000E+0
PIPressure	9	2719	8.530000000000000E+0
PIPressure	9	2720	8.530000000000000E+0
PIPressure	9	2721	8.530000000000000E+0
PIPressure	9	2722	8.530000000000000E+0
PIPressure	9	2723	8.530000000000000E+0
PIPressure	9	2724	8.530000000000000E+0
PIPressure	9	2725	8.530000000000000E+0
PIPressure	9	2726	8.530000000000000E+0
PIPressure	9	2727	8.530000000000000E+0
PIPressure	9	2728	8.530000000000000E+0
PIPressure	9	2729	8.530000000000000E+0
PIPressure	9	2730	8.530000000000000E+0
PIPressure	9	2731	8.530000000000000E+0
PIPressure	9	2732	8.530000000000000E+0
PIPressure	9	2733	8.530000000000000E+0
PIPressure	9	2734	8.530000000000000E+0
PIPressure	9	2735	8.530000000000000E+0
PIPressure	9	2736	8.530000000000000E+0
PIPressure	9	2737	8.530000000000000E+0
PIPressure	9	2738	8.530000000000000E+0
PIPressure	9	2739	8.530000000000000E+0
PIPressure	9	2740	8.530000000000000E+0
PIPressure	9	2741	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	602 di 729

PIPressure	9	2742	8.530000000000000E+0
PIPressure	9	2743	8.530000000000000E+0
PIPressure	9	2744	8.530000000000000E+0
PIPressure	9	2745	8.530000000000000E+0
PIPressure	9	2746	8.530000000000000E+0
PIPressure	9	2747	8.530000000000000E+0
PIPressure	9	2748	8.530000000000000E+0
PIPressure	9	2749	8.530000000000000E+0
PIPressure	9	2750	8.530000000000000E+0
PIPressure	9	2751	8.530000000000000E+0
PIPressure	9	2752	8.530000000000000E+0
PIPressure	9	2753	8.530000000000000E+0
PIPressure	9	2754	8.530000000000000E+0
PIPressure	9	2755	8.530000000000000E+0
PIPressure	9	2756	8.530000000000000E+0
PIPressure	9	2757	8.530000000000000E+0
PIPressure	9	2758	8.530000000000000E+0
PIPressure	9	2759	8.530000000000000E+0
PIPressure	9	2760	8.530000000000000E+0
PIPressure	9	2761	8.530000000000000E+0
PIPressure	9	2762	8.530000000000000E+0
PIPressure	9	2763	8.530000000000000E+0
PIPressure	9	2764	8.530000000000000E+0
PIPressure	9	2765	8.530000000000000E+0
PIPressure	9	2766	8.530000000000000E+0
PIPressure	9	2767	8.530000000000000E+0
PIPressure	9	2768	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	603 di 729

PIPressure	9	2769	8.530000000000000E+0
PIPressure	9	2770	8.530000000000000E+0
PIPressure	9	2771	8.530000000000000E+0
PIPressure	9	2772	8.530000000000000E+0
PIPressure	9	2773	8.530000000000000E+0
PIPressure	9	2774	8.530000000000000E+0
PIPressure	9	2775	8.530000000000000E+0
PIPressure	9	2776	8.530000000000000E+0
PIPressure	9	2777	8.530000000000000E+0
PIPressure	9	2778	8.530000000000000E+0
PIPressure	9	2779	8.530000000000000E+0
PIPressure	9	2780	8.530000000000000E+0
PIPressure	9	2781	8.530000000000000E+0
PIPressure	9	2782	8.530000000000000E+0
PIPressure	9	2783	8.530000000000000E+0
PIPressure	9	2784	8.530000000000000E+0
PIPressure	9	2785	8.530000000000000E+0
PIPressure	9	2786	8.530000000000000E+0
PIPressure	9	2787	8.530000000000000E+0
PIPressure	9	2788	8.530000000000000E+0
PIPressure	9	2789	8.530000000000000E+0
PIPressure	9	2790	8.530000000000000E+0
PIPressure	9	2791	8.530000000000000E+0
PIPressure	9	2792	8.530000000000000E+0
PIPressure	9	2793	8.530000000000000E+0
PIPressure	9	2794	8.530000000000000E+0
PIPressure	9	2795	8.530000000000000E+0

PIPressure	9	2796	8.530000000000000E+0
PIPressure	9	2797	8.530000000000000E+0
PIPressure	9	2798	8.530000000000000E+0
PIPressure	9	2799	8.530000000000000E+0
PIPressure	9	2800	8.530000000000000E+0
PIPressure	9	2801	8.530000000000000E+0
PIPressure	9	2802	8.530000000000000E+0
PIPressure	9	2803	8.530000000000000E+0
PIPressure	9	2804	8.530000000000000E+0
PIPressure	9	2805	8.530000000000000E+0
PIPressure	9	2806	8.530000000000000E+0
PIPressure	9	2807	8.530000000000000E+0
PIPressure	9	2808	8.530000000000000E+0
PIPressure	9	2809	8.530000000000000E+0
PIPressure	9	2810	8.530000000000000E+0
PIPressure	9	2811	8.530000000000000E+0
PIPressure	9	2812	8.530000000000000E+0
PIPressure	9	2813	8.530000000000000E+0
PIPressure	9	2814	8.530000000000000E+0
PIPressure	9	2815	8.530000000000000E+0
PIPressure	9	2816	8.530000000000000E+0
PIPressure	9	2817	8.530000000000000E+0
PIPressure	9	2818	8.530000000000000E+0
PIPressure	9	2819	8.530000000000000E+0
PIPressure	9	2820	8.530000000000000E+0
PIPressure	9	2821	8.530000000000000E+0
PIPressure	9	2822	8.530000000000000E+0

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	605 di 729

PIPressure	9	2823	8.53000000000000E+0
PIPressure	9	2824	8.53000000000000E+0
PIPressure	9	2825	8.53000000000000E+0
PIPressure	9	2826	8.53000000000000E+0
PIPressure	9	2827	8.53000000000000E+0
PIPressure	9	2828	8.53000000000000E+0
PIPressure	9	2829	8.53000000000000E+0
PIPressure	9	2830	8.53000000000000E+0

/ _____

/ PLATE EDGE PRESSURES

/ SPINTA ACC

PIEdgePressure	9	874	3	-8.53000000000000E+0
PIEdgePressure	9	875	3	-8.53000000000000E+0
PIEdgePressure	9	876	3	-8.53000000000000E+0
PIEdgePressure	9	877	3	-8.53000000000000E+0
PIEdgePressure	9	878	4	-8.53000000000000E+0
PIEdgePressure	9	879	3	-8.53000000000000E+0
PIEdgePressure	9	880	3	-8.53000000000000E+0
PIEdgePressure	9	881	3	-8.53000000000000E+0
PIEdgePressure	9	882	3	-8.53000000000000E+0
PIEdgePressure	9	883	3	-8.53000000000000E+0
PIEdgePressure	9	884	3	-8.53000000000000E+0
PIEdgePressure	9	885	3	-8.53000000000000E+0
PIEdgePressure	9	886	3	-8.53000000000000E+0
PIEdgePressure	9	887	4	-8.53000000000000E+0
PIEdgePressure	9	888	3	-8.53000000000000E+0

PIEdgePressure	9	889	3	-8.53000000000000E+0
PIEdgePressure	9	890	3	-8.53000000000000E+0
PIEdgePressure	9	891	3	-8.53000000000000E+0
PIEdgePressure	9	892	3	-8.53000000000000E+0
PIEdgePressure	9	893	3	-8.53000000000000E+0
PIEdgePressure	9	894	3	-8.53000000000000E+0
PIEdgePressure	9	895	4	-8.53000000000000E+0

/ _____

/ PLATE FACE GLOBAL LOADS

/ SPINTA ACC

PIGlobalLoad	9	821	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	822	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	823	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	824	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	825	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	826	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	827	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	828	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	829	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	830	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	831	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	832	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	833	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	834	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	835	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	836	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

PIGlobalLoad	9	837	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	838	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	839	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	840	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	841	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	842	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	843	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	844	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	845	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	846	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	847	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	848	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	849	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	850	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	851	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	852	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	853	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	854	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	855	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	856	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	857	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	858	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	859	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	860	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	861	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	862	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	863	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

PIGlobalLoad	9	864	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	865	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	866	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	867	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	868	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	869	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	870	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	871	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	872	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	873	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	874	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	875	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	876	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	877	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	878	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	879	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	880	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	881	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	882	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	883	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	884	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	885	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	886	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	887	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	888	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	889	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	890	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

PIGlobalLoad	9	891	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	892	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	893	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	894	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	895	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	896	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	897	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	898	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	899	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	900	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	901	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	902	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	903	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	904	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	905	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	906	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	907	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	908	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	909	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	910	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	911	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	912	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	913	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	914	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	915	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	916	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	917	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

PIGlobalLoad	9	918	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	919	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	920	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	921	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	922	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	923	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	924	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	925	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	926	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	927	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	928	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	929	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	930	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	931	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	932	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	933	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	934	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	935	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	936	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	937	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	938	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	939	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	940	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	941	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	942	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	943	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	944	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

PIGlobalLoad	9	945	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	946	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	947	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	948	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	949	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	950	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	951	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	952	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	953	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	954	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	955	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	956	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	957	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	958	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	959	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	960	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	961	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	962	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	963	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	964	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	965	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	966	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	967	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	968	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	969	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	970	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	971	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

PIGlobalLoad	9	972	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	973	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	974	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	975	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	976	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	977	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	978	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	979	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	980	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	981	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	982	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	983	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	984	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	985	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	986	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	987	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	988	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	989	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	990	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	991	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	992	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	993	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	994	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	995	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	996	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	997	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1082	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

PIGlobalLoad	9	1083	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1084	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1085	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1086	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1087	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1091	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1092	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1093	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1094	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1095	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1096	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1097	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1098	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1103	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1105	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1124	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1125	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1127	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

PIGlobalLoad	9	1128	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1130	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1152	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1154	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

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PIGlobalLoad	9	1157	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1158	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1160	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1162	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1172	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1183	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1184	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1289	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

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PIGlobalLoad	9	1292	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1293	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1294	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1301	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1302	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1303	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1304	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1305	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1306	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1308	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1309	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1310	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1311	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1312	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1316	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

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PIGlobalLoad	9	1323	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1370	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

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PIGlobalLoad	9	1387	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1388	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1389	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1390	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1396	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1397	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

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PIGlobalLoad	9	1399	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1405	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1407	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1408	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1416	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1417	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1418	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1420	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1428	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1430	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1431	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1434	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1441	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1444	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1447	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1448	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1450	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1451	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

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PIGlobalLoad	9	1454	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1455	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
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PIGlobalLoad	9	1459	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1460	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1461	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1
PIGlobalLoad	9	1462	0.00000000000000E+0	0.00000000000000E+0	-2.00000000000000E+1

/ _____

/ PLATE FACE PRESSURES

/ SPINTA SISMA LONG

PIPressure	11	65	3.09500000000000E+1
PIPressure	11	66	3.09500000000000E+1
PIPressure	11	67	3.09500000000000E+1
PIPressure	11	68	3.09500000000000E+1
PIPressure	11	69	3.09500000000000E+1
PIPressure	11	70	3.09500000000000E+1
PIPressure	11	71	3.09500000000000E+1
PIPressure	11	72	3.09500000000000E+1
PIPressure	11	73	3.09500000000000E+1
PIPressure	11	74	3.09500000000000E+1
PIPressure	11	75	3.09500000000000E+1

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PIPressure	11	80	3.09500000000000E+1
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PIPressure	11	118	3.09500000000000E+1
PIPressure	11	119	3.09500000000000E+1
PIPressure	11	120	3.09500000000000E+1
PIPressure	11	121	3.09500000000000E+1
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PIPressure	11	1769	3.09500000000000E+1
PIPressure	11	1770	3.09500000000000E+1

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PIPressure	11	1796	3.09500000000000E+1
PIPressure	11	1797	3.09500000000000E+1

PIPressure	11	1798	3.09500000000000E+1
PIPressure	11	1799	3.09500000000000E+1
PIPressure	11	1800	3.09500000000000E+1
PIPressure	11	1801	3.09500000000000E+1
PIPressure	11	1802	3.09500000000000E+1
PIPressure	11	1803	3.09500000000000E+1
PIPressure	11	1804	3.09500000000000E+1
PIPressure	11	1805	3.09500000000000E+1
PIPressure	11	1806	3.09500000000000E+1
PIPressure	11	1807	3.09500000000000E+1
PIPressure	11	1808	3.09500000000000E+1
PIPressure	11	1809	3.09500000000000E+1
PIPressure	11	1810	3.09500000000000E+1
PIPressure	11	1811	3.09500000000000E+1
PIPressure	11	1812	3.09500000000000E+1
PIPressure	11	1813	3.09500000000000E+1
PIPressure	11	1814	3.09500000000000E+1
PIPressure	11	1815	3.09500000000000E+1
PIPressure	11	1816	3.09500000000000E+1
PIPressure	11	1817	3.09500000000000E+1
PIPressure	11	1818	3.09500000000000E+1
PIPressure	11	1819	3.09500000000000E+1
PIPressure	11	1820	3.09500000000000E+1
PIPressure	11	1821	3.09500000000000E+1
PIPressure	11	1822	3.09500000000000E+1
PIPressure	11	1823	3.09500000000000E+1
PIPressure	11	1824	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	632 di 729

PIPressure	11	1825	3.09500000000000E+1
PIPressure	11	1826	3.09500000000000E+1
PIPressure	11	1827	3.09500000000000E+1
PIPressure	11	1828	3.09500000000000E+1
PIPressure	11	1829	3.09500000000000E+1
PIPressure	11	1830	3.09500000000000E+1
PIPressure	11	1831	3.09500000000000E+1
PIPressure	11	1832	3.09500000000000E+1
PIPressure	11	1833	3.09500000000000E+1
PIPressure	11	1834	3.09500000000000E+1
PIPressure	11	1835	3.09500000000000E+1
PIPressure	11	1836	3.09500000000000E+1
PIPressure	11	1837	3.09500000000000E+1
PIPressure	11	1838	3.09500000000000E+1
PIPressure	11	1839	3.09500000000000E+1
PIPressure	11	1840	3.09500000000000E+1
PIPressure	11	1841	3.09500000000000E+1
PIPressure	11	1842	3.09500000000000E+1
PIPressure	11	1843	3.09500000000000E+1
PIPressure	11	1844	3.09500000000000E+1
PIPressure	11	1845	3.09500000000000E+1
PIPressure	11	1846	3.09500000000000E+1
PIPressure	11	1847	3.09500000000000E+1
PIPressure	11	1848	3.09500000000000E+1
PIPressure	11	1849	3.09500000000000E+1
PIPressure	11	1850	3.09500000000000E+1
PIPressure	11	1851	3.09500000000000E+1

PIPressure	11	1852	3.09500000000000E+1
PIPressure	11	1853	3.09500000000000E+1
PIPressure	11	1854	3.09500000000000E+1
PIPressure	11	1855	3.09500000000000E+1
PIPressure	11	1856	3.09500000000000E+1
PIPressure	11	1857	3.09500000000000E+1
PIPressure	11	1858	3.09500000000000E+1
PIPressure	11	1859	3.09500000000000E+1
PIPressure	11	1860	3.09500000000000E+1
PIPressure	11	1861	3.09500000000000E+1
PIPressure	11	1862	3.09500000000000E+1
PIPressure	11	1863	3.09500000000000E+1
PIPressure	11	1864	3.09500000000000E+1
PIPressure	11	1865	3.09500000000000E+1
PIPressure	11	1866	3.09500000000000E+1
PIPressure	11	1867	3.09500000000000E+1
PIPressure	11	1868	3.09500000000000E+1
PIPressure	11	1869	3.09500000000000E+1
PIPressure	11	1870	3.09500000000000E+1
PIPressure	11	1871	3.09500000000000E+1
PIPressure	11	1872	3.09500000000000E+1
PIPressure	11	1873	3.09500000000000E+1
PIPressure	11	1874	3.09500000000000E+1
PIPressure	11	1875	3.09500000000000E+1
PIPressure	11	1876	3.09500000000000E+1
PIPressure	11	1877	3.09500000000000E+1
PIPressure	11	1878	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	634 di 729

PIPressure	11	1879	3.09500000000000E+1
PIPressure	11	1880	3.09500000000000E+1
PIPressure	11	1881	3.09500000000000E+1
PIPressure	11	1882	3.09500000000000E+1
PIPressure	11	1883	3.09500000000000E+1
PIPressure	11	1884	3.09500000000000E+1
PIPressure	11	1885	3.09500000000000E+1
PIPressure	11	1886	3.09500000000000E+1
PIPressure	11	1887	3.09500000000000E+1
PIPressure	11	1888	3.09500000000000E+1
PIPressure	11	1889	3.09500000000000E+1
PIPressure	11	1890	3.09500000000000E+1
PIPressure	11	1891	3.09500000000000E+1
PIPressure	11	1892	3.09500000000000E+1
PIPressure	11	1893	3.09500000000000E+1
PIPressure	11	1894	3.09500000000000E+1
PIPressure	11	1895	3.09500000000000E+1
PIPressure	11	1896	3.09500000000000E+1
PIPressure	11	1897	3.09500000000000E+1
PIPressure	11	1898	3.09500000000000E+1
PIPressure	11	1899	3.09500000000000E+1
PIPressure	11	1900	3.09500000000000E+1
PIPressure	11	1901	3.09500000000000E+1
PIPressure	11	1902	3.09500000000000E+1
PIPressure	11	1903	3.09500000000000E+1
PIPressure	11	1904	3.09500000000000E+1
PIPressure	11	1905	3.09500000000000E+1

PIPressure	11	1906	3.09500000000000E+1
PIPressure	11	1907	3.09500000000000E+1
PIPressure	11	1908	3.09500000000000E+1
PIPressure	11	1909	3.09500000000000E+1
PIPressure	11	1910	3.09500000000000E+1
PIPressure	11	1911	3.09500000000000E+1
PIPressure	11	1912	3.09500000000000E+1
PIPressure	11	1913	3.09500000000000E+1
PIPressure	11	1914	3.09500000000000E+1
PIPressure	11	1915	3.09500000000000E+1
PIPressure	11	1916	3.09500000000000E+1
PIPressure	11	1917	3.09500000000000E+1
PIPressure	11	1918	3.09500000000000E+1
PIPressure	11	1919	3.09500000000000E+1
PIPressure	11	1920	3.09500000000000E+1
PIPressure	11	1921	3.09500000000000E+1
PIPressure	11	1922	3.09500000000000E+1
PIPressure	11	1923	3.09500000000000E+1
PIPressure	11	1924	3.09500000000000E+1
PIPressure	11	1925	3.09500000000000E+1
PIPressure	11	1926	3.09500000000000E+1
PIPressure	11	1927	3.09500000000000E+1
PIPressure	11	1928	3.09500000000000E+1
PIPressure	11	1929	3.09500000000000E+1
PIPressure	11	1930	3.09500000000000E+1
PIPressure	11	1931	3.09500000000000E+1
PIPressure	11	1932	3.09500000000000E+1

PIPressure	11	1933	3.09500000000000E+1
PIPressure	11	1934	3.09500000000000E+1
PIPressure	11	1935	3.09500000000000E+1
PIPressure	11	1936	3.09500000000000E+1
PIPressure	11	1937	3.09500000000000E+1
PIPressure	11	1938	3.09500000000000E+1
PIPressure	11	1939	3.09500000000000E+1
PIPressure	11	1940	3.09500000000000E+1
PIPressure	11	1941	3.09500000000000E+1
PIPressure	11	1942	3.09500000000000E+1
PIPressure	11	1943	3.09500000000000E+1
PIPressure	11	1944	3.09500000000000E+1
PIPressure	11	1945	3.09500000000000E+1
PIPressure	11	1946	3.09500000000000E+1
PIPressure	11	1947	3.09500000000000E+1
PIPressure	11	1948	3.09500000000000E+1
PIPressure	11	1949	3.09500000000000E+1
PIPressure	11	1950	3.09500000000000E+1
PIPressure	11	1951	3.09500000000000E+1
PIPressure	11	1952	3.09500000000000E+1
PIPressure	11	1953	3.09500000000000E+1
PIPressure	11	1954	3.09500000000000E+1
PIPressure	11	1955	3.09500000000000E+1
PIPressure	11	1956	3.09500000000000E+1
PIPressure	11	1957	3.09500000000000E+1
PIPressure	11	1958	3.09500000000000E+1
PIPressure	11	1959	3.09500000000000E+1

PIPressure	11	1960	3.09500000000000E+1
PIPressure	11	1961	3.09500000000000E+1
PIPressure	11	1962	3.09500000000000E+1
PIPressure	11	1963	3.09500000000000E+1
PIPressure	11	1964	3.09500000000000E+1
PIPressure	11	1965	3.09500000000000E+1
PIPressure	11	1966	3.09500000000000E+1
PIPressure	11	1967	3.09500000000000E+1
PIPressure	11	1968	3.09500000000000E+1
PIPressure	11	1969	3.09500000000000E+1
PIPressure	11	1970	3.09500000000000E+1
PIPressure	11	1971	3.09500000000000E+1
PIPressure	11	1972	3.09500000000000E+1
PIPressure	11	1973	3.09500000000000E+1
PIPressure	11	1974	3.09500000000000E+1
PIPressure	11	1975	3.09500000000000E+1
PIPressure	11	1976	3.09500000000000E+1
PIPressure	11	1977	3.09500000000000E+1
PIPressure	11	1978	3.09500000000000E+1
PIPressure	11	1979	3.09500000000000E+1
PIPressure	11	1980	3.09500000000000E+1
PIPressure	11	1981	3.09500000000000E+1
PIPressure	11	1982	3.09500000000000E+1
PIPressure	11	1983	3.09500000000000E+1
PIPressure	11	1984	3.09500000000000E+1
PIPressure	11	1985	3.09500000000000E+1
PIPressure	11	1986	3.09500000000000E+1

PIPressure	11	1987	3.09500000000000E+1
PIPressure	11	1988	3.09500000000000E+1
PIPressure	11	1989	3.09500000000000E+1
PIPressure	11	1990	3.09500000000000E+1
PIPressure	11	1991	3.09500000000000E+1
PIPressure	11	1992	3.09500000000000E+1
PIPressure	11	1993	3.09500000000000E+1
PIPressure	11	1994	3.09500000000000E+1
PIPressure	11	1995	3.09500000000000E+1
PIPressure	11	1996	3.09500000000000E+1
PIPressure	11	1997	3.09500000000000E+1
PIPressure	11	1998	3.09500000000000E+1
PIPressure	11	1999	3.09500000000000E+1
PIPressure	11	2000	3.09500000000000E+1
PIPressure	11	2001	3.09500000000000E+1
PIPressure	11	2002	3.09500000000000E+1
PIPressure	11	2003	3.09500000000000E+1
PIPressure	11	2004	3.09500000000000E+1
PIPressure	11	2005	3.09500000000000E+1
PIPressure	11	2006	3.09500000000000E+1
PIPressure	11	2007	3.09500000000000E+1
PIPressure	11	2008	3.09500000000000E+1
PIPressure	11	2009	3.09500000000000E+1
PIPressure	11	2010	3.09500000000000E+1
PIPressure	11	2011	3.09500000000000E+1
PIPressure	11	2012	3.09500000000000E+1
PIPressure	11	2013	3.09500000000000E+1

PIPressure	11	2014	3.09500000000000E+1
PIPressure	11	2015	3.09500000000000E+1
PIPressure	11	2016	3.09500000000000E+1
PIPressure	11	2017	3.09500000000000E+1
PIPressure	11	2018	3.09500000000000E+1
PIPressure	11	2019	3.09500000000000E+1
PIPressure	11	2020	3.09500000000000E+1
PIPressure	11	2021	3.09500000000000E+1
PIPressure	11	2022	3.09500000000000E+1
PIPressure	11	2023	3.09500000000000E+1
PIPressure	11	2024	3.09500000000000E+1
PIPressure	11	2025	3.09500000000000E+1
PIPressure	11	2026	3.09500000000000E+1
PIPressure	11	2027	3.09500000000000E+1
PIPressure	11	2028	3.09500000000000E+1
PIPressure	11	2029	3.09500000000000E+1
PIPressure	11	2030	3.09500000000000E+1
PIPressure	11	2031	3.09500000000000E+1
PIPressure	11	2032	3.09500000000000E+1
PIPressure	11	2033	3.09500000000000E+1
PIPressure	11	2034	3.09500000000000E+1
PIPressure	11	2035	3.09500000000000E+1
PIPressure	11	2036	3.09500000000000E+1
PIPressure	11	2037	3.09500000000000E+1
PIPressure	11	2038	3.09500000000000E+1
PIPressure	11	2039	3.09500000000000E+1
PIPressure	11	2040	3.09500000000000E+1

PIPressure	11	2041	3.09500000000000E+1
PIPressure	11	2042	3.09500000000000E+1
PIPressure	11	2043	3.09500000000000E+1
PIPressure	11	2044	3.09500000000000E+1
PIPressure	11	2045	3.09500000000000E+1
PIPressure	11	2046	3.09500000000000E+1
PIPressure	11	2047	3.09500000000000E+1
PIPressure	11	2048	3.09500000000000E+1
PIPressure	11	2049	3.09500000000000E+1
PIPressure	11	2050	3.09500000000000E+1
PIPressure	11	2051	3.09500000000000E+1
PIPressure	11	2052	3.09500000000000E+1
PIPressure	11	2053	3.09500000000000E+1
PIPressure	11	2054	3.09500000000000E+1
PIPressure	11	2055	3.09500000000000E+1
PIPressure	11	2056	3.09500000000000E+1
PIPressure	11	2057	3.09500000000000E+1
PIPressure	11	2058	3.09500000000000E+1
PIPressure	11	2059	3.09500000000000E+1
PIPressure	11	2060	3.09500000000000E+1
PIPressure	11	2061	3.09500000000000E+1
PIPressure	11	2062	3.09500000000000E+1
PIPressure	11	2063	3.09500000000000E+1
PIPressure	11	2064	3.09500000000000E+1
PIPressure	11	2065	3.09500000000000E+1
PIPressure	11	2066	3.09500000000000E+1
PIPressure	11	2067	3.09500000000000E+1

PIPressure	11	2068	3.09500000000000E+1
PIPressure	11	2069	3.09500000000000E+1
PIPressure	11	2070	3.09500000000000E+1
PIPressure	11	2071	3.09500000000000E+1
PIPressure	11	2072	3.09500000000000E+1
PIPressure	11	2073	3.09500000000000E+1
PIPressure	11	2074	3.09500000000000E+1
PIPressure	11	2075	3.09500000000000E+1
PIPressure	11	2076	3.09500000000000E+1
PIPressure	11	2077	3.09500000000000E+1
PIPressure	11	2078	3.09500000000000E+1
PIPressure	11	2079	3.09500000000000E+1
PIPressure	11	2080	3.09500000000000E+1
PIPressure	11	2081	3.09500000000000E+1
PIPressure	11	2082	3.09500000000000E+1
PIPressure	11	2083	3.09500000000000E+1
PIPressure	11	2084	3.09500000000000E+1
PIPressure	11	2085	3.09500000000000E+1
PIPressure	11	2086	3.09500000000000E+1
PIPressure	11	2087	3.09500000000000E+1
PIPressure	11	2088	3.09500000000000E+1
PIPressure	11	2089	3.09500000000000E+1
PIPressure	11	2090	3.09500000000000E+1
PIPressure	11	2091	3.09500000000000E+1
PIPressure	11	2092	3.09500000000000E+1
PIPressure	11	2093	3.09500000000000E+1
PIPressure	11	2094	3.09500000000000E+1

PIPressure	11	2095	3.09500000000000E+1
PIPressure	11	2096	3.09500000000000E+1
PIPressure	11	2097	3.09500000000000E+1
PIPressure	11	2098	3.09500000000000E+1
PIPressure	11	2099	3.09500000000000E+1
PIPressure	11	2100	3.09500000000000E+1
PIPressure	11	2101	3.09500000000000E+1
PIPressure	11	2102	3.09500000000000E+1
PIPressure	11	2103	3.09500000000000E+1
PIPressure	11	2104	3.09500000000000E+1
PIPressure	11	2105	3.09500000000000E+1
PIPressure	11	2106	3.09500000000000E+1
PIPressure	11	2107	3.09500000000000E+1
PIPressure	11	2108	3.09500000000000E+1
PIPressure	11	2109	3.09500000000000E+1
PIPressure	11	2110	3.09500000000000E+1
PIPressure	11	2111	3.09500000000000E+1
PIPressure	11	2112	3.09500000000000E+1
PIPressure	11	2113	3.09500000000000E+1
PIPressure	11	2114	3.09500000000000E+1
PIPressure	11	2115	3.09500000000000E+1
PIPressure	11	2116	3.09500000000000E+1
PIPressure	11	2117	3.09500000000000E+1
PIPressure	11	2118	3.09500000000000E+1
PIPressure	11	2119	3.09500000000000E+1
PIPressure	11	2120	3.09500000000000E+1
PIPressure	11	2121	3.09500000000000E+1

PIPressure	11	2122	3.09500000000000E+1
PIPressure	11	2123	3.09500000000000E+1
PIPressure	11	2124	3.09500000000000E+1
PIPressure	11	2125	3.09500000000000E+1
PIPressure	11	2126	3.09500000000000E+1
PIPressure	11	2127	3.09500000000000E+1
PIPressure	11	2128	3.09500000000000E+1
PIPressure	11	2129	3.09500000000000E+1
PIPressure	11	2130	3.09500000000000E+1
PIPressure	11	2131	3.09500000000000E+1
PIPressure	11	2132	3.09500000000000E+1
PIPressure	11	2133	3.09500000000000E+1
PIPressure	11	2134	3.09500000000000E+1
PIPressure	11	2135	3.09500000000000E+1
PIPressure	11	2136	3.09500000000000E+1
PIPressure	11	2137	3.09500000000000E+1
PIPressure	11	2138	3.09500000000000E+1
PIPressure	11	2139	3.09500000000000E+1
PIPressure	11	2140	3.09500000000000E+1
PIPressure	11	2141	3.09500000000000E+1
PIPressure	11	2142	3.09500000000000E+1
PIPressure	11	2143	3.09500000000000E+1
PIPressure	11	2144	3.09500000000000E+1
PIPressure	11	2145	3.09500000000000E+1
PIPressure	11	2146	3.09500000000000E+1
PIPressure	11	2147	3.09500000000000E+1
PIPressure	11	2148	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	644 di 729

PIPressure	11	2149	3.09500000000000E+1
PIPressure	11	2150	3.09500000000000E+1
PIPressure	11	2151	3.09500000000000E+1
PIPressure	11	2152	3.09500000000000E+1
PIPressure	11	2153	3.09500000000000E+1
PIPressure	11	2154	3.09500000000000E+1
PIPressure	11	2155	3.09500000000000E+1
PIPressure	11	2156	3.09500000000000E+1
PIPressure	11	2157	3.09500000000000E+1
PIPressure	11	2158	3.09500000000000E+1
PIPressure	11	2159	3.09500000000000E+1
PIPressure	11	2160	3.09500000000000E+1
PIPressure	11	2161	3.09500000000000E+1
PIPressure	11	2162	3.09500000000000E+1
PIPressure	11	2163	3.09500000000000E+1
PIPressure	11	2164	3.09500000000000E+1
PIPressure	11	2165	3.09500000000000E+1
PIPressure	11	2166	3.09500000000000E+1
PIPressure	11	2167	3.09500000000000E+1
PIPressure	11	2168	3.09500000000000E+1
PIPressure	11	2169	3.09500000000000E+1
PIPressure	11	2170	3.09500000000000E+1
PIPressure	11	2171	3.09500000000000E+1
PIPressure	11	2172	3.09500000000000E+1
PIPressure	11	2173	3.09500000000000E+1
PIPressure	11	2174	3.09500000000000E+1
PIPressure	11	2175	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	645 di 729

PIPressure	11	2176	3.09500000000000E+1
PIPressure	11	2177	3.09500000000000E+1
PIPressure	11	2178	3.09500000000000E+1
PIPressure	11	2179	3.09500000000000E+1
PIPressure	11	2180	3.09500000000000E+1
PIPressure	11	2181	3.09500000000000E+1
PIPressure	11	2182	3.09500000000000E+1
PIPressure	11	2183	3.09500000000000E+1
PIPressure	11	2184	3.09500000000000E+1

/ _____

/ PLATE EDGE PRESSURES

/ SPINTA SISMA LONG

PIEdgePressure	11	874	3	-3.09500000000000E+1
PIEdgePressure	11	875	3	-3.09500000000000E+1
PIEdgePressure	11	876	3	-3.09500000000000E+1
PIEdgePressure	11	877	3	-3.09500000000000E+1
PIEdgePressure	11	878	4	-3.09500000000000E+1
PIEdgePressure	11	879	3	-3.09500000000000E+1
PIEdgePressure	11	880	3	-3.09500000000000E+1
PIEdgePressure	11	881	3	-3.09500000000000E+1
PIEdgePressure	11	882	3	-3.09500000000000E+1
PIEdgePressure	11	883	3	-3.09500000000000E+1
PIEdgePressure	11	884	3	-3.09500000000000E+1
PIEdgePressure	11	885	3	-3.09500000000000E+1
PIEdgePressure	11	886	3	-3.09500000000000E+1
PIEdgePressure	11	887	4	-3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	646 di 729

PIEdgePressure	11	888	3	-3.09500000000000E+1
PIEdgePressure	11	889	3	-3.09500000000000E+1
PIEdgePressure	11	890	3	-3.09500000000000E+1
PIEdgePressure	11	891	3	-3.09500000000000E+1
PIEdgePressure	11	892	3	-3.09500000000000E+1
PIEdgePressure	11	893	3	-3.09500000000000E+1
PIEdgePressure	11	894	3	-3.09500000000000E+1
PIEdgePressure	11	895	4	-3.09500000000000E+1

/ _____

/ PLATE FACE PRESSURES

/ SPINTA SISMA TRASV

PIPressure	12	1	3.09500000000000E+1
PIPressure	12	2	3.09500000000000E+1
PIPressure	12	3	3.09500000000000E+1
PIPressure	12	4	3.09500000000000E+1
PIPressure	12	5	3.09500000000000E+1
PIPressure	12	6	3.09500000000000E+1
PIPressure	12	7	3.09500000000000E+1
PIPressure	12	8	3.09500000000000E+1
PIPressure	12	9	3.09500000000000E+1
PIPressure	12	10	3.09500000000000E+1
PIPressure	12	11	3.09500000000000E+1
PIPressure	12	12	3.09500000000000E+1
PIPressure	12	13	3.09500000000000E+1
PIPressure	12	14	3.09500000000000E+1
PIPressure	12	15	3.09500000000000E+1

PIPressure	12	16	3.09500000000000E+1
PIPressure	12	17	3.09500000000000E+1
PIPressure	12	18	3.09500000000000E+1
PIPressure	12	19	3.09500000000000E+1
PIPressure	12	20	3.09500000000000E+1
PIPressure	12	21	3.09500000000000E+1
PIPressure	12	22	3.09500000000000E+1
PIPressure	12	23	3.09500000000000E+1
PIPressure	12	24	3.09500000000000E+1
PIPressure	12	25	3.09500000000000E+1
PIPressure	12	26	3.09500000000000E+1
PIPressure	12	27	3.09500000000000E+1
PIPressure	12	28	3.09500000000000E+1
PIPressure	12	29	3.09500000000000E+1
PIPressure	12	30	3.09500000000000E+1
PIPressure	12	31	3.09500000000000E+1
PIPressure	12	32	3.09500000000000E+1
PIPressure	12	33	3.09500000000000E+1
PIPressure	12	34	3.09500000000000E+1
PIPressure	12	35	3.09500000000000E+1
PIPressure	12	36	3.09500000000000E+1
PIPressure	12	37	3.09500000000000E+1
PIPressure	12	38	3.09500000000000E+1
PIPressure	12	39	3.09500000000000E+1
PIPressure	12	40	3.09500000000000E+1
PIPressure	12	41	3.09500000000000E+1
PIPressure	12	42	3.09500000000000E+1

PIPressure	12	43	3.09500000000000E+1
PIPressure	12	44	3.09500000000000E+1
PIPressure	12	45	3.09500000000000E+1
PIPressure	12	46	3.09500000000000E+1
PIPressure	12	47	3.09500000000000E+1
PIPressure	12	48	3.09500000000000E+1
PIPressure	12	49	3.09500000000000E+1
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PIPressure	12	52	3.09500000000000E+1
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PIPressure	12	56	3.09500000000000E+1
PIPressure	12	57	3.09500000000000E+1
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PIPressure	12	59	3.09500000000000E+1
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PIPressure	12	61	3.09500000000000E+1
PIPressure	12	62	3.09500000000000E+1
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PIPressure	12	64	3.09500000000000E+1
PIPressure	12	153	3.09500000000000E+1
PIPressure	12	154	3.09500000000000E+1
PIPressure	12	155	3.09500000000000E+1
PIPressure	12	156	3.09500000000000E+1
PIPressure	12	157	3.09500000000000E+1

PIPressure	12	158	3.09500000000000E+1
PIPressure	12	159	3.09500000000000E+1
PIPressure	12	160	3.09500000000000E+1
PIPressure	12	161	3.09500000000000E+1
PIPressure	12	162	3.09500000000000E+1
PIPressure	12	163	3.09500000000000E+1
PIPressure	12	164	3.09500000000000E+1
PIPressure	12	165	3.09500000000000E+1
PIPressure	12	166	3.09500000000000E+1
PIPressure	12	167	3.09500000000000E+1
PIPressure	12	168	3.09500000000000E+1
PIPressure	12	169	3.09500000000000E+1
PIPressure	12	170	3.09500000000000E+1
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PIPressure	12	177	3.09500000000000E+1
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PIPressure	12	180	3.09500000000000E+1
PIPressure	12	181	3.09500000000000E+1
PIPressure	12	182	3.09500000000000E+1
PIPressure	12	183	3.09500000000000E+1
PIPressure	12	184	3.09500000000000E+1

PIPressure	12	185	3.09500000000000E+1
PIPressure	12	186	3.09500000000000E+1
PIPressure	12	187	3.09500000000000E+1
PIPressure	12	188	3.09500000000000E+1
PIPressure	12	189	3.09500000000000E+1
PIPressure	12	190	3.09500000000000E+1
PIPressure	12	191	3.09500000000000E+1
PIPressure	12	192	3.09500000000000E+1
PIPressure	12	193	3.09500000000000E+1
PIPressure	12	194	3.09500000000000E+1
PIPressure	12	195	3.09500000000000E+1
PIPressure	12	196	3.09500000000000E+1
PIPressure	12	197	3.09500000000000E+1
PIPressure	12	198	3.09500000000000E+1
PIPressure	12	199	3.09500000000000E+1
PIPressure	12	200	3.09500000000000E+1
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PIPressure	12	202	3.09500000000000E+1
PIPressure	12	203	3.09500000000000E+1
PIPressure	12	204	3.09500000000000E+1
PIPressure	12	205	3.09500000000000E+1
PIPressure	12	206	3.09500000000000E+1
PIPressure	12	207	3.09500000000000E+1
PIPressure	12	208	3.09500000000000E+1
PIPressure	12	209	3.09500000000000E+1
PIPressure	12	210	3.09500000000000E+1
PIPressure	12	211	3.09500000000000E+1

PIPressure	12	212	3.09500000000000E+1
PIPressure	12	213	3.09500000000000E+1
PIPressure	12	214	3.09500000000000E+1
PIPressure	12	215	3.09500000000000E+1
PIPressure	12	216	3.09500000000000E+1
PIPressure	12	217	3.09500000000000E+1
PIPressure	12	218	3.09500000000000E+1
PIPressure	12	219	3.09500000000000E+1
PIPressure	12	220	3.09500000000000E+1
PIPressure	12	221	3.09500000000000E+1
PIPressure	12	222	3.09500000000000E+1
PIPressure	12	223	3.09500000000000E+1
PIPressure	12	224	3.09500000000000E+1
PIPressure	12	225	3.09500000000000E+1
PIPressure	12	226	3.09500000000000E+1
PIPressure	12	227	3.09500000000000E+1
PIPressure	12	228	3.09500000000000E+1
PIPressure	12	229	3.09500000000000E+1
PIPressure	12	230	3.09500000000000E+1
PIPressure	12	231	3.09500000000000E+1
PIPressure	12	232	3.09500000000000E+1
PIPressure	12	233	3.09500000000000E+1
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PIPressure	12	235	3.09500000000000E+1
PIPressure	12	236	3.09500000000000E+1
PIPressure	12	237	3.09500000000000E+1
PIPressure	12	238	3.09500000000000E+1

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PIPressure	12	245	3.09500000000000E+1
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PIPressure	12	247	3.09500000000000E+1
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PIPressure	12	249	3.09500000000000E+1
PIPressure	12	250	3.09500000000000E+1
PIPressure	12	251	3.09500000000000E+1
PIPressure	12	252	3.09500000000000E+1
PIPressure	12	253	3.09500000000000E+1
PIPressure	12	254	3.09500000000000E+1
PIPressure	12	255	3.09500000000000E+1
PIPressure	12	256	3.09500000000000E+1
PIPressure	12	257	3.09500000000000E+1
PIPressure	12	258	3.09500000000000E+1
PIPressure	12	259	3.09500000000000E+1
PIPressure	12	260	3.09500000000000E+1
PIPressure	12	261	3.09500000000000E+1
PIPressure	12	262	3.09500000000000E+1
PIPressure	12	263	3.09500000000000E+1
PIPressure	12	264	3.09500000000000E+1
PIPressure	12	265	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	653 di 729

PIPressure	12	266	3.09500000000000E+1
PIPressure	12	267	3.09500000000000E+1
PIPressure	12	268	3.09500000000000E+1
PIPressure	12	269	3.09500000000000E+1
PIPressure	12	270	3.09500000000000E+1
PIPressure	12	271	3.09500000000000E+1
PIPressure	12	272	3.09500000000000E+1
PIPressure	12	273	3.09500000000000E+1
PIPressure	12	274	3.09500000000000E+1
PIPressure	12	275	3.09500000000000E+1
PIPressure	12	276	3.09500000000000E+1
PIPressure	12	277	3.09500000000000E+1
PIPressure	12	278	3.09500000000000E+1
PIPressure	12	279	3.09500000000000E+1
PIPressure	12	280	3.09500000000000E+1
PIPressure	12	281	3.09500000000000E+1
PIPressure	12	282	3.09500000000000E+1
PIPressure	12	283	3.09500000000000E+1
PIPressure	12	284	3.09500000000000E+1
PIPressure	12	285	3.09500000000000E+1
PIPressure	12	286	3.09500000000000E+1
PIPressure	12	287	3.09500000000000E+1
PIPressure	12	288	3.09500000000000E+1
PIPressure	12	1463	3.09500000000000E+1
PIPressure	12	1464	3.09500000000000E+1
PIPressure	12	1465	3.09500000000000E+1
PIPressure	12	1466	3.09500000000000E+1

PIPressure	12	1467	3.09500000000000E+1
PIPressure	12	1468	3.09500000000000E+1
PIPressure	12	1469	3.09500000000000E+1
PIPressure	12	1470	3.09500000000000E+1
PIPressure	12	1471	3.09500000000000E+1
PIPressure	12	1472	3.09500000000000E+1
PIPressure	12	1473	3.09500000000000E+1
PIPressure	12	1474	3.09500000000000E+1
PIPressure	12	1475	3.09500000000000E+1
PIPressure	12	1476	3.09500000000000E+1
PIPressure	12	1477	3.09500000000000E+1
PIPressure	12	1478	3.09500000000000E+1
PIPressure	12	1479	3.09500000000000E+1
PIPressure	12	1480	3.09500000000000E+1
PIPressure	12	1481	3.09500000000000E+1
PIPressure	12	1482	3.09500000000000E+1
PIPressure	12	1483	3.09500000000000E+1
PIPressure	12	1484	3.09500000000000E+1
PIPressure	12	1485	3.09500000000000E+1
PIPressure	12	1486	3.09500000000000E+1
PIPressure	12	1487	3.09500000000000E+1
PIPressure	12	1488	3.09500000000000E+1
PIPressure	12	1489	3.09500000000000E+1
PIPressure	12	1490	3.09500000000000E+1
PIPressure	12	1491	3.09500000000000E+1
PIPressure	12	1492	3.09500000000000E+1
PIPressure	12	1493	3.09500000000000E+1

PIPressure	12	1494	3.09500000000000E+1
PIPressure	12	1495	3.09500000000000E+1
PIPressure	12	1496	3.09500000000000E+1
PIPressure	12	1497	3.09500000000000E+1
PIPressure	12	1498	3.09500000000000E+1
PIPressure	12	1499	3.09500000000000E+1
PIPressure	12	1500	3.09500000000000E+1
PIPressure	12	1501	3.09500000000000E+1
PIPressure	12	1502	3.09500000000000E+1
PIPressure	12	1503	3.09500000000000E+1
PIPressure	12	1504	3.09500000000000E+1
PIPressure	12	1505	3.09500000000000E+1
PIPressure	12	1506	3.09500000000000E+1
PIPressure	12	1507	3.09500000000000E+1
PIPressure	12	1508	3.09500000000000E+1
PIPressure	12	1509	3.09500000000000E+1
PIPressure	12	1510	3.09500000000000E+1
PIPressure	12	1511	3.09500000000000E+1
PIPressure	12	1512	3.09500000000000E+1
PIPressure	12	1513	3.09500000000000E+1
PIPressure	12	1514	3.09500000000000E+1
PIPressure	12	1515	3.09500000000000E+1
PIPressure	12	1516	3.09500000000000E+1
PIPressure	12	1517	3.09500000000000E+1
PIPressure	12	1518	3.09500000000000E+1
PIPressure	12	1519	3.09500000000000E+1
PIPressure	12	1520	3.09500000000000E+1

PIPressure	12	1521	3.09500000000000E+1
PIPressure	12	1522	3.09500000000000E+1
PIPressure	12	1523	3.09500000000000E+1
PIPressure	12	1524	3.09500000000000E+1
PIPressure	12	1525	3.09500000000000E+1
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PIPressure	12	1527	3.09500000000000E+1
PIPressure	12	1528	3.09500000000000E+1
PIPressure	12	1529	3.09500000000000E+1
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PIPressure	12	1534	3.09500000000000E+1
PIPressure	12	1535	3.09500000000000E+1
PIPressure	12	1536	3.09500000000000E+1
PIPressure	12	1537	3.09500000000000E+1
PIPressure	12	1538	3.09500000000000E+1
PIPressure	12	1539	3.09500000000000E+1
PIPressure	12	1540	3.09500000000000E+1
PIPressure	12	1541	3.09500000000000E+1
PIPressure	12	1542	3.09500000000000E+1
PIPressure	12	1543	3.09500000000000E+1
PIPressure	12	1544	3.09500000000000E+1
PIPressure	12	1545	3.09500000000000E+1
PIPressure	12	1546	3.09500000000000E+1
PIPressure	12	1547	3.09500000000000E+1

PIPressure	12	1548	3.09500000000000E+1
PIPressure	12	1549	3.09500000000000E+1
PIPressure	12	1550	3.09500000000000E+1
PIPressure	12	1551	3.09500000000000E+1
PIPressure	12	1552	3.09500000000000E+1
PIPressure	12	1553	3.09500000000000E+1
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PIPressure	12	1555	3.09500000000000E+1
PIPressure	12	1556	3.09500000000000E+1
PIPressure	12	1557	3.09500000000000E+1
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PIPressure	12	1565	3.09500000000000E+1
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PIPressure	12	1571	3.09500000000000E+1
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PIPressure	12	1573	3.09500000000000E+1
PIPressure	12	1574	3.09500000000000E+1

PIPressure	12	1575	3.09500000000000E+1
PIPressure	12	1576	3.09500000000000E+1
PIPressure	12	1577	3.09500000000000E+1
PIPressure	12	1578	3.09500000000000E+1
PIPressure	12	1579	3.09500000000000E+1
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PIPressure	12	1581	3.09500000000000E+1
PIPressure	12	1582	3.09500000000000E+1
PIPressure	12	1583	3.09500000000000E+1
PIPressure	12	1584	3.09500000000000E+1
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PIPressure	12	1597	3.09500000000000E+1
PIPressure	12	1598	3.09500000000000E+1
PIPressure	12	1599	3.09500000000000E+1
PIPressure	12	1600	3.09500000000000E+1
PIPressure	12	1601	3.09500000000000E+1

PIPressure	12	1602	3.09500000000000E+1
PIPressure	12	1603	3.09500000000000E+1
PIPressure	12	1604	3.09500000000000E+1
PIPressure	12	1605	3.09500000000000E+1
PIPressure	12	1606	3.09500000000000E+1
PIPressure	12	1607	3.09500000000000E+1
PIPressure	12	1608	3.09500000000000E+1
PIPressure	12	1609	3.09500000000000E+1
PIPressure	12	1610	3.09500000000000E+1
PIPressure	12	1611	3.09500000000000E+1
PIPressure	12	1612	3.09500000000000E+1
PIPressure	12	1613	3.09500000000000E+1
PIPressure	12	1614	3.09500000000000E+1
PIPressure	12	1615	3.09500000000000E+1
PIPressure	12	1616	3.09500000000000E+1
PIPressure	12	1617	3.09500000000000E+1
PIPressure	12	1618	3.09500000000000E+1
PIPressure	12	1619	3.09500000000000E+1
PIPressure	12	1620	3.09500000000000E+1
PIPressure	12	1621	3.09500000000000E+1
PIPressure	12	1622	3.09500000000000E+1
PIPressure	12	1623	3.09500000000000E+1
PIPressure	12	1624	3.09500000000000E+1
PIPressure	12	1625	3.09500000000000E+1
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PIPressure	12	1627	3.09500000000000E+1
PIPressure	12	1628	3.09500000000000E+1

PIPressure	12	1629	3.09500000000000E+1
PIPressure	12	1630	3.09500000000000E+1
PIPressure	12	1631	3.09500000000000E+1
PIPressure	12	1632	3.09500000000000E+1
PIPressure	12	1633	3.09500000000000E+1
PIPressure	12	1634	3.09500000000000E+1
PIPressure	12	1635	3.09500000000000E+1
PIPressure	12	1636	3.09500000000000E+1
PIPressure	12	1637	3.09500000000000E+1
PIPressure	12	1638	3.09500000000000E+1
PIPressure	12	1639	3.09500000000000E+1
PIPressure	12	1640	3.09500000000000E+1
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PIPressure	12	1642	3.09500000000000E+1
PIPressure	12	1643	3.09500000000000E+1
PIPressure	12	1644	3.09500000000000E+1
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PIPressure	12	1647	3.09500000000000E+1
PIPressure	12	1648	3.09500000000000E+1
PIPressure	12	1649	3.09500000000000E+1
PIPressure	12	1650	3.09500000000000E+1
PIPressure	12	1651	3.09500000000000E+1
PIPressure	12	1652	3.09500000000000E+1
PIPressure	12	1653	3.09500000000000E+1
PIPressure	12	1654	3.09500000000000E+1
PIPressure	12	1655	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	661 di 729

PIPressure	12	1656	3.09500000000000E+1
PIPressure	12	1657	3.09500000000000E+1
PIPressure	12	1658	3.09500000000000E+1
PIPressure	12	1659	3.09500000000000E+1
PIPressure	12	1660	3.09500000000000E+1
PIPressure	12	1661	3.09500000000000E+1
PIPressure	12	1662	3.09500000000000E+1
PIPressure	12	1663	3.09500000000000E+1
PIPressure	12	1664	3.09500000000000E+1
PIPressure	12	1665	3.09500000000000E+1
PIPressure	12	1666	3.09500000000000E+1
PIPressure	12	1667	3.09500000000000E+1
PIPressure	12	1668	3.09500000000000E+1
PIPressure	12	1669	3.09500000000000E+1
PIPressure	12	1670	3.09500000000000E+1
PIPressure	12	1671	3.09500000000000E+1
PIPressure	12	1672	3.09500000000000E+1
PIPressure	12	1673	3.09500000000000E+1
PIPressure	12	1674	3.09500000000000E+1
PIPressure	12	1675	3.09500000000000E+1
PIPressure	12	1676	3.09500000000000E+1
PIPressure	12	1677	3.09500000000000E+1
PIPressure	12	1678	3.09500000000000E+1
PIPressure	12	1679	3.09500000000000E+1
PIPressure	12	1680	3.09500000000000E+1
PIPressure	12	1681	3.09500000000000E+1
PIPressure	12	1682	3.09500000000000E+1

PIPressure	12	1683	3.09500000000000E+1
PIPressure	12	1684	3.09500000000000E+1
PIPressure	12	1685	3.09500000000000E+1
PIPressure	12	1686	3.09500000000000E+1
PIPressure	12	1687	3.09500000000000E+1
PIPressure	12	1688	3.09500000000000E+1
PIPressure	12	1689	3.09500000000000E+1
PIPressure	12	1690	3.09500000000000E+1
PIPressure	12	1691	3.09500000000000E+1
PIPressure	12	1692	3.09500000000000E+1
PIPressure	12	1693	3.09500000000000E+1
PIPressure	12	1694	3.09500000000000E+1
PIPressure	12	1695	3.09500000000000E+1
PIPressure	12	1696	3.09500000000000E+1
PIPressure	12	1697	3.09500000000000E+1
PIPressure	12	1698	3.09500000000000E+1
PIPressure	12	1699	3.09500000000000E+1
PIPressure	12	1700	3.09500000000000E+1
PIPressure	12	1701	3.09500000000000E+1
PIPressure	12	1702	3.09500000000000E+1
PIPressure	12	1703	3.09500000000000E+1
PIPressure	12	1704	3.09500000000000E+1
PIPressure	12	1705	3.09500000000000E+1
PIPressure	12	1706	3.09500000000000E+1
PIPressure	12	1707	3.09500000000000E+1
PIPressure	12	1708	3.09500000000000E+1
PIPressure	12	1709	3.09500000000000E+1

PIPressure	12	1710	3.09500000000000E+1
PIPressure	12	1711	3.09500000000000E+1
PIPressure	12	1712	3.09500000000000E+1
PIPressure	12	1713	3.09500000000000E+1
PIPressure	12	1714	3.09500000000000E+1
PIPressure	12	1715	3.09500000000000E+1
PIPressure	12	1716	3.09500000000000E+1
PIPressure	12	1717	3.09500000000000E+1
PIPressure	12	1718	3.09500000000000E+1
PIPressure	12	1719	3.09500000000000E+1
PIPressure	12	1720	3.09500000000000E+1
PIPressure	12	1721	3.09500000000000E+1
PIPressure	12	1722	3.09500000000000E+1
PIPressure	12	1723	3.09500000000000E+1
PIPressure	12	1724	3.09500000000000E+1
PIPressure	12	1725	3.09500000000000E+1
PIPressure	12	1726	3.09500000000000E+1
PIPressure	12	1727	3.09500000000000E+1
PIPressure	12	1728	3.09500000000000E+1
PIPressure	12	1729	3.09500000000000E+1
PIPressure	12	1730	3.09500000000000E+1
PIPressure	12	1731	3.09500000000000E+1
PIPressure	12	1732	3.09500000000000E+1
PIPressure	12	1733	3.09500000000000E+1
PIPressure	12	1734	3.09500000000000E+1
PIPressure	12	1735	3.09500000000000E+1
PIPressure	12	1736	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	664 di 729

PIPressure	12	1737	3.09500000000000E+1
PIPressure	12	1738	3.09500000000000E+1
PIPressure	12	1739	3.09500000000000E+1
PIPressure	12	1740	3.09500000000000E+1
PIPressure	12	1741	3.09500000000000E+1
PIPressure	12	1742	3.09500000000000E+1
PIPressure	12	1743	3.09500000000000E+1
PIPressure	12	1744	3.09500000000000E+1
PIPressure	12	1745	3.09500000000000E+1
PIPressure	12	1746	3.09500000000000E+1
PIPressure	12	1747	3.09500000000000E+1
PIPressure	12	1748	3.09500000000000E+1
PIPressure	12	1749	3.09500000000000E+1
PIPressure	12	1750	3.09500000000000E+1
PIPressure	12	1751	3.09500000000000E+1
PIPressure	12	1752	3.09500000000000E+1
PIPressure	12	1753	3.09500000000000E+1
PIPressure	12	1754	3.09500000000000E+1
PIPressure	12	1755	3.09500000000000E+1
PIPressure	12	1756	3.09500000000000E+1
PIPressure	12	1757	3.09500000000000E+1
PIPressure	12	1758	3.09500000000000E+1
PIPressure	12	1759	3.09500000000000E+1
PIPressure	12	1760	3.09500000000000E+1
PIPressure	12	1761	3.09500000000000E+1
PIPressure	12	1762	3.09500000000000E+1
PIPressure	12	1763	3.09500000000000E+1

PIPressure	12	1764	3.09500000000000E+1
PIPressure	12	1765	3.09500000000000E+1
PIPressure	12	1766	3.09500000000000E+1
PIPressure	12	2185	3.09500000000000E+1
PIPressure	12	2186	3.09500000000000E+1
PIPressure	12	2187	3.09500000000000E+1
PIPressure	12	2188	3.09500000000000E+1
PIPressure	12	2189	3.09500000000000E+1
PIPressure	12	2190	3.09500000000000E+1
PIPressure	12	2191	3.09500000000000E+1
PIPressure	12	2192	3.09500000000000E+1
PIPressure	12	2193	3.09500000000000E+1
PIPressure	12	2194	3.09500000000000E+1
PIPressure	12	2195	3.09500000000000E+1
PIPressure	12	2196	3.09500000000000E+1
PIPressure	12	2197	3.09500000000000E+1
PIPressure	12	2198	3.09500000000000E+1
PIPressure	12	2199	3.09500000000000E+1
PIPressure	12	2200	3.09500000000000E+1
PIPressure	12	2201	3.09500000000000E+1
PIPressure	12	2202	3.09500000000000E+1
PIPressure	12	2203	3.09500000000000E+1
PIPressure	12	2204	3.09500000000000E+1
PIPressure	12	2205	3.09500000000000E+1
PIPressure	12	2206	3.09500000000000E+1
PIPressure	12	2207	3.09500000000000E+1
PIPressure	12	2208	3.09500000000000E+1

PIPressure	12	2209	3.09500000000000E+1
PIPressure	12	2210	3.09500000000000E+1
PIPressure	12	2211	3.09500000000000E+1
PIPressure	12	2212	3.09500000000000E+1
PIPressure	12	2213	3.09500000000000E+1
PIPressure	12	2214	3.09500000000000E+1
PIPressure	12	2215	3.09500000000000E+1
PIPressure	12	2216	3.09500000000000E+1
PIPressure	12	2217	3.09500000000000E+1
PIPressure	12	2218	3.09500000000000E+1
PIPressure	12	2219	3.09500000000000E+1
PIPressure	12	2220	3.09500000000000E+1
PIPressure	12	2221	3.09500000000000E+1
PIPressure	12	2222	3.09500000000000E+1
PIPressure	12	2223	3.09500000000000E+1
PIPressure	12	2224	3.09500000000000E+1
PIPressure	12	2225	3.09500000000000E+1
PIPressure	12	2226	3.09500000000000E+1
PIPressure	12	2227	3.09500000000000E+1
PIPressure	12	2228	3.09500000000000E+1
PIPressure	12	2229	3.09500000000000E+1
PIPressure	12	2230	3.09500000000000E+1
PIPressure	12	2231	3.09500000000000E+1
PIPressure	12	2232	3.09500000000000E+1
PIPressure	12	2233	3.09500000000000E+1
PIPressure	12	2234	3.09500000000000E+1
PIPressure	12	2235	3.09500000000000E+1

PIPressure	12	2236	3.09500000000000E+1
PIPressure	12	2237	3.09500000000000E+1
PIPressure	12	2238	3.09500000000000E+1
PIPressure	12	2239	3.09500000000000E+1
PIPressure	12	2240	3.09500000000000E+1
PIPressure	12	2241	3.09500000000000E+1
PIPressure	12	2242	3.09500000000000E+1
PIPressure	12	2243	3.09500000000000E+1
PIPressure	12	2244	3.09500000000000E+1
PIPressure	12	2245	3.09500000000000E+1
PIPressure	12	2246	3.09500000000000E+1
PIPressure	12	2247	3.09500000000000E+1
PIPressure	12	2248	3.09500000000000E+1
PIPressure	12	2249	3.09500000000000E+1
PIPressure	12	2250	3.09500000000000E+1
PIPressure	12	2251	3.09500000000000E+1
PIPressure	12	2252	3.09500000000000E+1
PIPressure	12	2253	3.09500000000000E+1
PIPressure	12	2254	3.09500000000000E+1
PIPressure	12	2255	3.09500000000000E+1
PIPressure	12	2256	3.09500000000000E+1
PIPressure	12	2257	3.09500000000000E+1
PIPressure	12	2258	3.09500000000000E+1
PIPressure	12	2259	3.09500000000000E+1
PIPressure	12	2260	3.09500000000000E+1
PIPressure	12	2261	3.09500000000000E+1
PIPressure	12	2262	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	668 di 729

PIPressure	12	2263	3.09500000000000E+1
PIPressure	12	2264	3.09500000000000E+1
PIPressure	12	2265	3.09500000000000E+1
PIPressure	12	2266	3.09500000000000E+1
PIPressure	12	2267	3.09500000000000E+1
PIPressure	12	2268	3.09500000000000E+1
PIPressure	12	2269	3.09500000000000E+1
PIPressure	12	2270	3.09500000000000E+1
PIPressure	12	2271	3.09500000000000E+1
PIPressure	12	2272	3.09500000000000E+1
PIPressure	12	2273	3.09500000000000E+1
PIPressure	12	2274	3.09500000000000E+1
PIPressure	12	2275	3.09500000000000E+1
PIPressure	12	2276	3.09500000000000E+1
PIPressure	12	2277	3.09500000000000E+1
PIPressure	12	2278	3.09500000000000E+1
PIPressure	12	2279	3.09500000000000E+1
PIPressure	12	2280	3.09500000000000E+1
PIPressure	12	2281	3.09500000000000E+1
PIPressure	12	2282	3.09500000000000E+1
PIPressure	12	2283	3.09500000000000E+1
PIPressure	12	2284	3.09500000000000E+1
PIPressure	12	2285	3.09500000000000E+1
PIPressure	12	2286	3.09500000000000E+1
PIPressure	12	2287	3.09500000000000E+1
PIPressure	12	2288	3.09500000000000E+1
PIPressure	12	2289	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	669 di 729

PIPressure	12	2290	3.09500000000000E+1
PIPressure	12	2291	3.09500000000000E+1
PIPressure	12	2292	3.09500000000000E+1
PIPressure	12	2293	3.09500000000000E+1
PIPressure	12	2294	3.09500000000000E+1
PIPressure	12	2295	3.09500000000000E+1
PIPressure	12	2296	3.09500000000000E+1
PIPressure	12	2297	3.09500000000000E+1
PIPressure	12	2298	3.09500000000000E+1
PIPressure	12	2299	3.09500000000000E+1
PIPressure	12	2300	3.09500000000000E+1
PIPressure	12	2301	3.09500000000000E+1
PIPressure	12	2302	3.09500000000000E+1
PIPressure	12	2303	3.09500000000000E+1
PIPressure	12	2304	3.09500000000000E+1
PIPressure	12	2305	3.09500000000000E+1
PIPressure	12	2306	3.09500000000000E+1
PIPressure	12	2307	3.09500000000000E+1
PIPressure	12	2308	3.09500000000000E+1
PIPressure	12	2309	3.09500000000000E+1
PIPressure	12	2310	3.09500000000000E+1
PIPressure	12	2311	3.09500000000000E+1
PIPressure	12	2312	3.09500000000000E+1
PIPressure	12	2313	3.09500000000000E+1
PIPressure	12	2314	3.09500000000000E+1
PIPressure	12	2315	3.09500000000000E+1
PIPressure	12	2316	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	670 di 729

PIPressure	12	2317	3.09500000000000E+1
PIPressure	12	2318	3.09500000000000E+1
PIPressure	12	2319	3.09500000000000E+1
PIPressure	12	2320	3.09500000000000E+1
PIPressure	12	2321	3.09500000000000E+1
PIPressure	12	2322	3.09500000000000E+1
PIPressure	12	2323	3.09500000000000E+1
PIPressure	12	2324	3.09500000000000E+1
PIPressure	12	2325	3.09500000000000E+1
PIPressure	12	2326	3.09500000000000E+1
PIPressure	12	2327	3.09500000000000E+1
PIPressure	12	2328	3.09500000000000E+1
PIPressure	12	2329	3.09500000000000E+1
PIPressure	12	2330	3.09500000000000E+1
PIPressure	12	2331	3.09500000000000E+1
PIPressure	12	2332	3.09500000000000E+1
PIPressure	12	2333	3.09500000000000E+1
PIPressure	12	2334	3.09500000000000E+1
PIPressure	12	2335	3.09500000000000E+1
PIPressure	12	2336	3.09500000000000E+1
PIPressure	12	2337	3.09500000000000E+1
PIPressure	12	2338	3.09500000000000E+1
PIPressure	12	2339	3.09500000000000E+1
PIPressure	12	2340	3.09500000000000E+1
PIPressure	12	2341	3.09500000000000E+1
PIPressure	12	2342	3.09500000000000E+1
PIPressure	12	2343	3.09500000000000E+1

PIPressure	12	2344	3.09500000000000E+1
PIPressure	12	2345	3.09500000000000E+1
PIPressure	12	2346	3.09500000000000E+1
PIPressure	12	2347	3.09500000000000E+1
PIPressure	12	2348	3.09500000000000E+1
PIPressure	12	2349	3.09500000000000E+1
PIPressure	12	2350	3.09500000000000E+1
PIPressure	12	2351	3.09500000000000E+1
PIPressure	12	2352	3.09500000000000E+1
PIPressure	12	2353	3.09500000000000E+1
PIPressure	12	2354	3.09500000000000E+1
PIPressure	12	2355	3.09500000000000E+1
PIPressure	12	2356	3.09500000000000E+1
PIPressure	12	2357	3.09500000000000E+1
PIPressure	12	2358	3.09500000000000E+1
PIPressure	12	2359	3.09500000000000E+1
PIPressure	12	2360	3.09500000000000E+1
PIPressure	12	2361	3.09500000000000E+1
PIPressure	12	2362	3.09500000000000E+1
PIPressure	12	2363	3.09500000000000E+1
PIPressure	12	2364	3.09500000000000E+1
PIPressure	12	2365	3.09500000000000E+1
PIPressure	12	2366	3.09500000000000E+1
PIPressure	12	2367	3.09500000000000E+1
PIPressure	12	2368	3.09500000000000E+1
PIPressure	12	2369	3.09500000000000E+1
PIPressure	12	2370	3.09500000000000E+1

PIPressure	12	2371	3.09500000000000E+1
PIPressure	12	2372	3.09500000000000E+1
PIPressure	12	2373	3.09500000000000E+1
PIPressure	12	2374	3.09500000000000E+1
PIPressure	12	2375	3.09500000000000E+1
PIPressure	12	2376	3.09500000000000E+1
PIPressure	12	2377	3.09500000000000E+1
PIPressure	12	2378	3.09500000000000E+1
PIPressure	12	2379	3.09500000000000E+1
PIPressure	12	2380	3.09500000000000E+1
PIPressure	12	2381	3.09500000000000E+1
PIPressure	12	2382	3.09500000000000E+1
PIPressure	12	2383	3.09500000000000E+1
PIPressure	12	2384	3.09500000000000E+1
PIPressure	12	2385	3.09500000000000E+1
PIPressure	12	2386	3.09500000000000E+1
PIPressure	12	2387	3.09500000000000E+1
PIPressure	12	2388	3.09500000000000E+1
PIPressure	12	2389	3.09500000000000E+1
PIPressure	12	2390	3.09500000000000E+1
PIPressure	12	2391	3.09500000000000E+1
PIPressure	12	2392	3.09500000000000E+1
PIPressure	12	2393	3.09500000000000E+1
PIPressure	12	2394	3.09500000000000E+1
PIPressure	12	2395	3.09500000000000E+1
PIPressure	12	2396	3.09500000000000E+1
PIPressure	12	2397	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	673 di 729

PIPressure	12	2398	3.09500000000000E+1
PIPressure	12	2399	3.09500000000000E+1
PIPressure	12	2400	3.09500000000000E+1
PIPressure	12	2401	3.09500000000000E+1
PIPressure	12	2402	3.09500000000000E+1
PIPressure	12	2403	3.09500000000000E+1
PIPressure	12	2404	3.09500000000000E+1
PIPressure	12	2405	3.09500000000000E+1
PIPressure	12	2406	3.09500000000000E+1
PIPressure	12	2407	3.09500000000000E+1
PIPressure	12	2408	3.09500000000000E+1
PIPressure	12	2409	3.09500000000000E+1
PIPressure	12	2410	3.09500000000000E+1
PIPressure	12	2411	3.09500000000000E+1
PIPressure	12	2412	3.09500000000000E+1
PIPressure	12	2413	3.09500000000000E+1
PIPressure	12	2414	3.09500000000000E+1
PIPressure	12	2415	3.09500000000000E+1
PIPressure	12	2416	3.09500000000000E+1
PIPressure	12	2417	3.09500000000000E+1
PIPressure	12	2418	3.09500000000000E+1
PIPressure	12	2419	3.09500000000000E+1
PIPressure	12	2420	3.09500000000000E+1
PIPressure	12	2421	3.09500000000000E+1
PIPressure	12	2422	3.09500000000000E+1
PIPressure	12	2423	3.09500000000000E+1
PIPressure	12	2424	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	674 di 729

PIPressure	12	2425	3.09500000000000E+1
PIPressure	12	2426	3.09500000000000E+1
PIPressure	12	2427	3.09500000000000E+1
PIPressure	12	2428	3.09500000000000E+1
PIPressure	12	2429	3.09500000000000E+1
PIPressure	12	2430	3.09500000000000E+1
PIPressure	12	2431	3.09500000000000E+1
PIPressure	12	2432	3.09500000000000E+1
PIPressure	12	2433	3.09500000000000E+1
PIPressure	12	2434	3.09500000000000E+1
PIPressure	12	2435	3.09500000000000E+1
PIPressure	12	2436	3.09500000000000E+1
PIPressure	12	2437	3.09500000000000E+1
PIPressure	12	2438	3.09500000000000E+1
PIPressure	12	2439	3.09500000000000E+1
PIPressure	12	2440	3.09500000000000E+1
PIPressure	12	2441	3.09500000000000E+1
PIPressure	12	2442	3.09500000000000E+1
PIPressure	12	2443	3.09500000000000E+1
PIPressure	12	2444	3.09500000000000E+1
PIPressure	12	2445	3.09500000000000E+1
PIPressure	12	2446	3.09500000000000E+1
PIPressure	12	2447	3.09500000000000E+1
PIPressure	12	2448	3.09500000000000E+1
PIPressure	12	2449	3.09500000000000E+1
PIPressure	12	2450	3.09500000000000E+1
PIPressure	12	2451	3.09500000000000E+1

PIPressure	12	2452	3.09500000000000E+1
PIPressure	12	2453	3.09500000000000E+1
PIPressure	12	2454	3.09500000000000E+1
PIPressure	12	2455	3.09500000000000E+1
PIPressure	12	2456	3.09500000000000E+1
PIPressure	12	2457	3.09500000000000E+1
PIPressure	12	2458	3.09500000000000E+1
PIPressure	12	2459	3.09500000000000E+1
PIPressure	12	2460	3.09500000000000E+1
PIPressure	12	2461	3.09500000000000E+1
PIPressure	12	2462	3.09500000000000E+1
PIPressure	12	2463	3.09500000000000E+1
PIPressure	12	2464	3.09500000000000E+1
PIPressure	12	2465	3.09500000000000E+1
PIPressure	12	2466	3.09500000000000E+1
PIPressure	12	2467	3.09500000000000E+1
PIPressure	12	2468	3.09500000000000E+1
PIPressure	12	2469	3.09500000000000E+1
PIPressure	12	2470	3.09500000000000E+1
PIPressure	12	2471	3.09500000000000E+1
PIPressure	12	2472	3.09500000000000E+1
PIPressure	12	2473	3.09500000000000E+1
PIPressure	12	2474	3.09500000000000E+1
PIPressure	12	2475	3.09500000000000E+1
PIPressure	12	2476	3.09500000000000E+1
PIPressure	12	2477	3.09500000000000E+1
PIPressure	12	2478	3.09500000000000E+1

PIPressure	12	2479	3.09500000000000E+1
PIPressure	12	2480	3.09500000000000E+1
PIPressure	12	2481	3.09500000000000E+1
PIPressure	12	2482	3.09500000000000E+1
PIPressure	12	2483	3.09500000000000E+1
PIPressure	12	2484	3.09500000000000E+1
PIPressure	12	2485	3.09500000000000E+1
PIPressure	12	2486	3.09500000000000E+1
PIPressure	12	2487	3.09500000000000E+1
PIPressure	12	2488	3.09500000000000E+1
PIPressure	12	2489	3.09500000000000E+1
PIPressure	12	2490	3.09500000000000E+1
PIPressure	12	2491	3.09500000000000E+1
PIPressure	12	2492	3.09500000000000E+1
PIPressure	12	2493	3.09500000000000E+1
PIPressure	12	2494	3.09500000000000E+1
PIPressure	12	2495	3.09500000000000E+1
PIPressure	12	2496	3.09500000000000E+1
PIPressure	12	2497	3.09500000000000E+1
PIPressure	12	2498	3.09500000000000E+1
PIPressure	12	2499	3.09500000000000E+1
PIPressure	12	2500	3.09500000000000E+1
PIPressure	12	2501	3.09500000000000E+1
PIPressure	12	2502	3.09500000000000E+1
PIPressure	12	2503	3.09500000000000E+1
PIPressure	12	2504	3.09500000000000E+1
PIPressure	12	2505	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	677 di 729

PIPressure	12	2506	3.09500000000000E+1
PIPressure	12	2507	3.09500000000000E+1
PIPressure	12	2508	3.09500000000000E+1
PIPressure	12	2509	3.09500000000000E+1
PIPressure	12	2510	3.09500000000000E+1
PIPressure	12	2511	3.09500000000000E+1
PIPressure	12	2512	3.09500000000000E+1
PIPressure	12	2513	3.09500000000000E+1
PIPressure	12	2514	3.09500000000000E+1
PIPressure	12	2515	3.09500000000000E+1
PIPressure	12	2516	3.09500000000000E+1
PIPressure	12	2517	3.09500000000000E+1
PIPressure	12	2518	3.09500000000000E+1
PIPressure	12	2519	3.09500000000000E+1
PIPressure	12	2520	3.09500000000000E+1
PIPressure	12	2521	3.09500000000000E+1
PIPressure	12	2522	3.09500000000000E+1
PIPressure	12	2523	3.09500000000000E+1
PIPressure	12	2524	3.09500000000000E+1
PIPressure	12	2525	3.09500000000000E+1
PIPressure	12	2526	3.09500000000000E+1
PIPressure	12	2527	3.09500000000000E+1
PIPressure	12	2528	3.09500000000000E+1
PIPressure	12	2529	3.09500000000000E+1
PIPressure	12	2530	3.09500000000000E+1
PIPressure	12	2531	3.09500000000000E+1
PIPressure	12	2532	3.09500000000000E+1

PIPressure	12	2533	3.09500000000000E+1
PIPressure	12	2534	3.09500000000000E+1
PIPressure	12	2535	3.09500000000000E+1
PIPressure	12	2536	3.09500000000000E+1
PIPressure	12	2537	3.09500000000000E+1
PIPressure	12	2538	3.09500000000000E+1
PIPressure	12	2539	3.09500000000000E+1
PIPressure	12	2540	3.09500000000000E+1
PIPressure	12	2541	3.09500000000000E+1
PIPressure	12	2542	3.09500000000000E+1
PIPressure	12	2543	3.09500000000000E+1
PIPressure	12	2544	3.09500000000000E+1
PIPressure	12	2545	3.09500000000000E+1
PIPressure	12	2546	3.09500000000000E+1
PIPressure	12	2547	3.09500000000000E+1
PIPressure	12	2548	3.09500000000000E+1
PIPressure	12	2549	3.09500000000000E+1
PIPressure	12	2550	3.09500000000000E+1
PIPressure	12	2551	3.09500000000000E+1
PIPressure	12	2552	3.09500000000000E+1
PIPressure	12	2553	3.09500000000000E+1
PIPressure	12	2554	3.09500000000000E+1
PIPressure	12	2555	3.09500000000000E+1
PIPressure	12	2556	3.09500000000000E+1
PIPressure	12	2557	3.09500000000000E+1
PIPressure	12	2558	3.09500000000000E+1
PIPressure	12	2559	3.09500000000000E+1

PIPressure	12	2560	3.09500000000000E+1
PIPressure	12	2561	3.09500000000000E+1
PIPressure	12	2562	3.09500000000000E+1
PIPressure	12	2563	3.09500000000000E+1
PIPressure	12	2564	3.09500000000000E+1
PIPressure	12	2565	3.09500000000000E+1
PIPressure	12	2566	3.09500000000000E+1
PIPressure	12	2567	3.09500000000000E+1
PIPressure	12	2568	3.09500000000000E+1
PIPressure	12	2569	3.09500000000000E+1
PIPressure	12	2570	3.09500000000000E+1
PIPressure	12	2571	3.09500000000000E+1
PIPressure	12	2572	3.09500000000000E+1
PIPressure	12	2573	3.09500000000000E+1
PIPressure	12	2574	3.09500000000000E+1
PIPressure	12	2575	3.09500000000000E+1
PIPressure	12	2576	3.09500000000000E+1
PIPressure	12	2577	3.09500000000000E+1
PIPressure	12	2578	3.09500000000000E+1
PIPressure	12	2579	3.09500000000000E+1
PIPressure	12	2580	3.09500000000000E+1
PIPressure	12	2581	3.09500000000000E+1
PIPressure	12	2582	3.09500000000000E+1
PIPressure	12	2583	3.09500000000000E+1
PIPressure	12	2584	3.09500000000000E+1
PIPressure	12	2585	3.09500000000000E+1
PIPressure	12	2586	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	680 di 729

PIPressure	12	2587	3.09500000000000E+1
PIPressure	12	2588	3.09500000000000E+1
PIPressure	12	2589	3.09500000000000E+1
PIPressure	12	2590	3.09500000000000E+1
PIPressure	12	2591	3.09500000000000E+1
PIPressure	12	2592	3.09500000000000E+1
PIPressure	12	2593	3.09500000000000E+1
PIPressure	12	2594	3.09500000000000E+1
PIPressure	12	2595	3.09500000000000E+1
PIPressure	12	2596	3.09500000000000E+1
PIPressure	12	2597	3.09500000000000E+1
PIPressure	12	2598	3.09500000000000E+1
PIPressure	12	2599	3.09500000000000E+1
PIPressure	12	2600	3.09500000000000E+1
PIPressure	12	2601	3.09500000000000E+1
PIPressure	12	2602	3.09500000000000E+1
PIPressure	12	2603	3.09500000000000E+1
PIPressure	12	2604	3.09500000000000E+1
PIPressure	12	2605	3.09500000000000E+1
PIPressure	12	2606	3.09500000000000E+1
PIPressure	12	2607	3.09500000000000E+1
PIPressure	12	2608	3.09500000000000E+1
PIPressure	12	2609	3.09500000000000E+1
PIPressure	12	2610	3.09500000000000E+1
PIPressure	12	2611	3.09500000000000E+1
PIPressure	12	2612	3.09500000000000E+1
PIPressure	12	2613	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	681 di 729

PIPressure	12	2614	3.09500000000000E+1
PIPressure	12	2615	3.09500000000000E+1
PIPressure	12	2616	3.09500000000000E+1
PIPressure	12	2617	3.09500000000000E+1
PIPressure	12	2618	3.09500000000000E+1
PIPressure	12	2619	3.09500000000000E+1
PIPressure	12	2620	3.09500000000000E+1
PIPressure	12	2621	3.09500000000000E+1
PIPressure	12	2622	3.09500000000000E+1
PIPressure	12	2623	3.09500000000000E+1
PIPressure	12	2624	3.09500000000000E+1
PIPressure	12	2625	3.09500000000000E+1
PIPressure	12	2626	3.09500000000000E+1
PIPressure	12	2627	3.09500000000000E+1
PIPressure	12	2628	3.09500000000000E+1
PIPressure	12	2629	3.09500000000000E+1
PIPressure	12	2630	3.09500000000000E+1
PIPressure	12	2631	3.09500000000000E+1
PIPressure	12	2632	3.09500000000000E+1
PIPressure	12	2633	3.09500000000000E+1
PIPressure	12	2634	3.09500000000000E+1
PIPressure	12	2635	3.09500000000000E+1
PIPressure	12	2636	3.09500000000000E+1
PIPressure	12	2637	3.09500000000000E+1
PIPressure	12	2638	3.09500000000000E+1
PIPressure	12	2639	3.09500000000000E+1
PIPressure	12	2640	3.09500000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	682 di 729

PIPressure	12	2641	3.09500000000000E+1
PIPressure	12	2642	3.09500000000000E+1
PIPressure	12	2643	3.09500000000000E+1
PIPressure	12	2644	3.09500000000000E+1
PIPressure	12	2645	3.09500000000000E+1
PIPressure	12	2646	3.09500000000000E+1
PIPressure	12	2647	3.09500000000000E+1
PIPressure	12	2648	3.09500000000000E+1
PIPressure	12	2649	3.09500000000000E+1
PIPressure	12	2650	3.09500000000000E+1
PIPressure	12	2651	3.09500000000000E+1
PIPressure	12	2652	3.09500000000000E+1
PIPressure	12	2653	3.09500000000000E+1
PIPressure	12	2654	3.09500000000000E+1
PIPressure	12	2655	3.09500000000000E+1
PIPressure	12	2656	3.09500000000000E+1
PIPressure	12	2657	3.09500000000000E+1
PIPressure	12	2658	3.09500000000000E+1
PIPressure	12	2659	3.09500000000000E+1
PIPressure	12	2660	3.09500000000000E+1
PIPressure	12	2661	3.09500000000000E+1
PIPressure	12	2662	3.09500000000000E+1
PIPressure	12	2663	3.09500000000000E+1
PIPressure	12	2664	3.09500000000000E+1
PIPressure	12	2665	3.09500000000000E+1
PIPressure	12	2666	3.09500000000000E+1
PIPressure	12	2667	3.09500000000000E+1

PIPressure	12	2668	3.09500000000000E+1
PIPressure	12	2669	3.09500000000000E+1
PIPressure	12	2670	3.09500000000000E+1
PIPressure	12	2671	3.09500000000000E+1
PIPressure	12	2672	3.09500000000000E+1
PIPressure	12	2673	3.09500000000000E+1
PIPressure	12	2674	3.09500000000000E+1
PIPressure	12	2675	3.09500000000000E+1
PIPressure	12	2676	3.09500000000000E+1
PIPressure	12	2677	3.09500000000000E+1
PIPressure	12	2678	3.09500000000000E+1
PIPressure	12	2679	3.09500000000000E+1
PIPressure	12	2680	3.09500000000000E+1
PIPressure	12	2681	3.09500000000000E+1
PIPressure	12	2682	3.09500000000000E+1
PIPressure	12	2683	3.09500000000000E+1
PIPressure	12	2684	3.09500000000000E+1
PIPressure	12	2685	3.09500000000000E+1
PIPressure	12	2686	3.09500000000000E+1
PIPressure	12	2687	3.09500000000000E+1
PIPressure	12	2688	3.09500000000000E+1
PIPressure	12	2689	3.09500000000000E+1
PIPressure	12	2690	3.09500000000000E+1
PIPressure	12	2691	3.09500000000000E+1
PIPressure	12	2692	3.09500000000000E+1
PIPressure	12	2693	3.09500000000000E+1
PIPressure	12	2694	3.09500000000000E+1

PIPressure	12	2695	3.09500000000000E+1
PIPressure	12	2696	3.09500000000000E+1
PIPressure	12	2697	3.09500000000000E+1
PIPressure	12	2698	3.09500000000000E+1
PIPressure	12	2699	3.09500000000000E+1
PIPressure	12	2700	3.09500000000000E+1
PIPressure	12	2701	3.09500000000000E+1
PIPressure	12	2702	3.09500000000000E+1
PIPressure	12	2703	3.09500000000000E+1
PIPressure	12	2704	3.09500000000000E+1
PIPressure	12	2705	3.09500000000000E+1
PIPressure	12	2706	3.09500000000000E+1
PIPressure	12	2707	3.09500000000000E+1
PIPressure	12	2708	3.09500000000000E+1
PIPressure	12	2709	3.09500000000000E+1
PIPressure	12	2710	3.09500000000000E+1
PIPressure	12	2711	3.09500000000000E+1
PIPressure	12	2712	3.09500000000000E+1
PIPressure	12	2713	3.09500000000000E+1
PIPressure	12	2714	3.09500000000000E+1
PIPressure	12	2715	3.09500000000000E+1
PIPressure	12	2716	3.09500000000000E+1
PIPressure	12	2717	3.09500000000000E+1
PIPressure	12	2718	3.09500000000000E+1
PIPressure	12	2719	3.09500000000000E+1
PIPressure	12	2720	3.09500000000000E+1
PIPressure	12	2721	3.09500000000000E+1

PIPressure	12	2722	3.09500000000000E+1
PIPressure	12	2723	3.09500000000000E+1
PIPressure	12	2724	3.09500000000000E+1
PIPressure	12	2725	3.09500000000000E+1
PIPressure	12	2726	3.09500000000000E+1
PIPressure	12	2727	3.09500000000000E+1
PIPressure	12	2728	3.09500000000000E+1
PIPressure	12	2729	3.09500000000000E+1
PIPressure	12	2730	3.09500000000000E+1
PIPressure	12	2731	3.09500000000000E+1
PIPressure	12	2732	3.09500000000000E+1
PIPressure	12	2733	3.09500000000000E+1
PIPressure	12	2734	3.09500000000000E+1
PIPressure	12	2735	3.09500000000000E+1
PIPressure	12	2736	3.09500000000000E+1
PIPressure	12	2737	3.09500000000000E+1
PIPressure	12	2738	3.09500000000000E+1
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PIPressure	12	2740	3.09500000000000E+1
PIPressure	12	2741	3.09500000000000E+1
PIPressure	12	2742	3.09500000000000E+1
PIPressure	12	2743	3.09500000000000E+1
PIPressure	12	2744	3.09500000000000E+1
PIPressure	12	2745	3.09500000000000E+1
PIPressure	12	2746	3.09500000000000E+1
PIPressure	12	2747	3.09500000000000E+1
PIPressure	12	2748	3.09500000000000E+1

PIPressure	12	2749	3.09500000000000E+1
PIPressure	12	2750	3.09500000000000E+1
PIPressure	12	2751	3.09500000000000E+1
PIPressure	12	2752	3.09500000000000E+1
PIPressure	12	2753	3.09500000000000E+1
PIPressure	12	2754	3.09500000000000E+1
PIPressure	12	2755	3.09500000000000E+1
PIPressure	12	2756	3.09500000000000E+1
PIPressure	12	2757	3.09500000000000E+1
PIPressure	12	2758	3.09500000000000E+1
PIPressure	12	2759	3.09500000000000E+1
PIPressure	12	2760	3.09500000000000E+1
PIPressure	12	2761	3.09500000000000E+1
PIPressure	12	2762	3.09500000000000E+1
PIPressure	12	2763	3.09500000000000E+1
PIPressure	12	2764	3.09500000000000E+1
PIPressure	12	2765	3.09500000000000E+1
PIPressure	12	2766	3.09500000000000E+1
PIPressure	12	2767	3.09500000000000E+1
PIPressure	12	2768	3.09500000000000E+1
PIPressure	12	2769	3.09500000000000E+1
PIPressure	12	2770	3.09500000000000E+1
PIPressure	12	2771	3.09500000000000E+1
PIPressure	12	2772	3.09500000000000E+1
PIPressure	12	2773	3.09500000000000E+1
PIPressure	12	2774	3.09500000000000E+1
PIPressure	12	2775	3.09500000000000E+1

PIPressure	12	2776	3.09500000000000E+1
PIPressure	12	2777	3.09500000000000E+1
PIPressure	12	2778	3.09500000000000E+1
PIPressure	12	2779	3.09500000000000E+1
PIPressure	12	2780	3.09500000000000E+1
PIPressure	12	2781	3.09500000000000E+1
PIPressure	12	2782	3.09500000000000E+1
PIPressure	12	2783	3.09500000000000E+1
PIPressure	12	2784	3.09500000000000E+1
PIPressure	12	2785	3.09500000000000E+1
PIPressure	12	2786	3.09500000000000E+1
PIPressure	12	2787	3.09500000000000E+1
PIPressure	12	2788	3.09500000000000E+1
PIPressure	12	2789	3.09500000000000E+1
PIPressure	12	2790	3.09500000000000E+1
PIPressure	12	2791	3.09500000000000E+1
PIPressure	12	2792	3.09500000000000E+1
PIPressure	12	2793	3.09500000000000E+1
PIPressure	12	2794	3.09500000000000E+1
PIPressure	12	2795	3.09500000000000E+1
PIPressure	12	2796	3.09500000000000E+1
PIPressure	12	2797	3.09500000000000E+1
PIPressure	12	2798	3.09500000000000E+1
PIPressure	12	2799	3.09500000000000E+1
PIPressure	12	2800	3.09500000000000E+1
PIPressure	12	2801	3.09500000000000E+1
PIPressure	12	2802	3.09500000000000E+1

PIPressure	12	2803	3.09500000000000E+1
PIPressure	12	2804	3.09500000000000E+1
PIPressure	12	2805	3.09500000000000E+1
PIPressure	12	2806	3.09500000000000E+1
PIPressure	12	2807	3.09500000000000E+1
PIPressure	12	2808	3.09500000000000E+1
PIPressure	12	2809	3.09500000000000E+1
PIPressure	12	2810	3.09500000000000E+1
PIPressure	12	2811	3.09500000000000E+1
PIPressure	12	2812	3.09500000000000E+1
PIPressure	12	2813	3.09500000000000E+1
PIPressure	12	2814	3.09500000000000E+1
PIPressure	12	2815	3.09500000000000E+1
PIPressure	12	2816	3.09500000000000E+1
PIPressure	12	2817	3.09500000000000E+1
PIPressure	12	2818	3.09500000000000E+1
PIPressure	12	2819	3.09500000000000E+1
PIPressure	12	2820	3.09500000000000E+1
PIPressure	12	2821	3.09500000000000E+1
PIPressure	12	2822	3.09500000000000E+1
PIPressure	12	2823	3.09500000000000E+1
PIPressure	12	2824	3.09500000000000E+1
PIPressure	12	2825	3.09500000000000E+1
PIPressure	12	2826	3.09500000000000E+1
PIPressure	12	2827	3.09500000000000E+1
PIPressure	12	2828	3.09500000000000E+1
PIPressure	12	2829	3.09500000000000E+1

PIPressure 12 2830 3.09500000000000E+1

/ _____

/ PLATE FACE PRESSURES

/ INERZIA TERRENO LONG

PIPressure 17 65 3.63900000000000E+1

PIPressure 17 66 3.63900000000000E+1

PIPressure 17 67 3.63900000000000E+1

PIPressure 17 68 3.63900000000000E+1

PIPressure 17 69 3.63900000000000E+1

PIPressure 17 70 3.63900000000000E+1

PIPressure 17 71 3.63900000000000E+1

PIPressure 17 72 3.63900000000000E+1

PIPressure 17 73 3.63900000000000E+1

PIPressure 17 74 3.63900000000000E+1

PIPressure 17 75 3.63900000000000E+1

PIPressure 17 76 3.63900000000000E+1

PIPressure 17 77 3.63900000000000E+1

PIPressure 17 78 3.63900000000000E+1

PIPressure 17 79 3.63900000000000E+1

PIPressure 17 80 3.63900000000000E+1

PIPressure 17 81 3.63900000000000E+1

PIPressure 17 82 3.63900000000000E+1

PIPressure 17 83 3.63900000000000E+1

PIPressure 17 84 3.63900000000000E+1

PIPressure 17 85 3.63900000000000E+1

PIPressure	17	86	3.63900000000000E+1
PIPressure	17	87	3.63900000000000E+1
PIPressure	17	88	3.63900000000000E+1
PIPressure	17	89	3.63900000000000E+1
PIPressure	17	90	3.63900000000000E+1
PIPressure	17	91	3.63900000000000E+1
PIPressure	17	92	3.63900000000000E+1
PIPressure	17	93	3.63900000000000E+1
PIPressure	17	94	3.63900000000000E+1
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PIPressure	17	1858	3.63900000000000E+1
PIPressure	17	1859	3.63900000000000E+1
PIPressure	17	1860	3.63900000000000E+1
PIPressure	17	1861	3.63900000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	696 di 729

PIPressure	17	1862	3.63900000000000E+1
PIPressure	17	1863	3.63900000000000E+1
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PIPressure	17	1866	3.63900000000000E+1
PIPressure	17	1867	3.63900000000000E+1
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PIPressure	17	1869	3.63900000000000E+1
PIPressure	17	1870	3.63900000000000E+1
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PIPressure	17	1880	3.63900000000000E+1
PIPressure	17	1881	3.63900000000000E+1
PIPressure	17	1882	3.63900000000000E+1
PIPressure	17	1883	3.63900000000000E+1
PIPressure	17	1884	3.63900000000000E+1
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PIPressure	17	1886	3.63900000000000E+1
PIPressure	17	1887	3.63900000000000E+1
PIPressure	17	1888	3.63900000000000E+1

PIPressure	17	1889	3.63900000000000E+1
PIPressure	17	1890	3.63900000000000E+1
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PIPressure	17	1908	3.63900000000000E+1
PIPressure	17	1909	3.63900000000000E+1
PIPressure	17	1910	3.63900000000000E+1
PIPressure	17	1911	3.63900000000000E+1
PIPressure	17	1912	3.63900000000000E+1
PIPressure	17	1913	3.63900000000000E+1
PIPressure	17	1914	3.63900000000000E+1
PIPressure	17	1915	3.63900000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	698 di 729

PIPressure	17	1916	3.63900000000000E+1
PIPressure	17	1917	3.63900000000000E+1
PIPressure	17	1918	3.63900000000000E+1
PIPressure	17	1919	3.63900000000000E+1
PIPressure	17	1920	3.63900000000000E+1
PIPressure	17	1921	3.63900000000000E+1
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PIPressure	17	1939	3.63900000000000E+1
PIPressure	17	1940	3.63900000000000E+1
PIPressure	17	1941	3.63900000000000E+1
PIPressure	17	1942	3.63900000000000E+1

PIPressure	17	1943	3.63900000000000E+1
PIPressure	17	1944	3.63900000000000E+1
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PIPressure	17	1968	3.63900000000000E+1
PIPressure	17	1969	3.63900000000000E+1

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PIPressure	17	1999	3.63900000000000E+1
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PIPressure	17	2022	3.63900000000000E+1
PIPressure	17	2023	3.63900000000000E+1

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PIPressure	17	2082	3.63900000000000E+1
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PIPressure	17	2086	3.63900000000000E+1
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PIPressure	17	2103	3.63900000000000E+1
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PIPressure	17	2119	3.63900000000000E+1
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PIPressure	17	2121	3.63900000000000E+1
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PIPressure	17	2132	3.63900000000000E+1
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PIPressure	17	2160	3.63900000000000E+1
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PIPressure	17	2170	3.63900000000000E+1
PIPressure	17	2171	3.63900000000000E+1
PIPressure	17	2172	3.63900000000000E+1
PIPressure	17	2173	3.63900000000000E+1
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PIPressure	17	2177	3.63900000000000E+1
PIPressure	17	2178	3.63900000000000E+1
PIPressure	17	2179	3.63900000000000E+1
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PIPressure	17	2181	3.63900000000000E+1
PIPressure	17	2182	3.63900000000000E+1
PIPressure	17	2183	3.63900000000000E+1
PIPressure	17	2184	3.63900000000000E+1

/ _____

/ PLATE FACE PRESSURES

/ INERZIA TERRENO TRASV

PlPressure	18	1	2.879000000000000E+1
PlPressure	18	2	2.879000000000000E+1
PlPressure	18	3	2.879000000000000E+1
PlPressure	18	4	2.879000000000000E+1
PlPressure	18	5	2.879000000000000E+1
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PlPressure	18	24	2.879000000000000E+1

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PIPressure	18	1464	2.87900000000000E+1
PIPressure	18	1465	2.87900000000000E+1
PIPressure	18	1466	2.87900000000000E+1
PIPressure	18	1467	2.87900000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	712 di 729

PIPressure	18	1468	2.87900000000000E+1
PIPressure	18	1469	2.87900000000000E+1
PIPressure	18	1470	2.87900000000000E+1
PIPressure	18	1471	2.87900000000000E+1
PIPressure	18	1472	2.87900000000000E+1
PIPressure	18	1473	2.87900000000000E+1
PIPressure	18	1474	2.87900000000000E+1
PIPressure	18	1475	2.87900000000000E+1
PIPressure	18	1476	2.87900000000000E+1
PIPressure	18	1477	2.87900000000000E+1
PIPressure	18	1478	2.87900000000000E+1
PIPressure	18	1479	2.87900000000000E+1
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PIPressure	18	1482	2.87900000000000E+1
PIPressure	18	1483	2.87900000000000E+1
PIPressure	18	1484	2.87900000000000E+1
PIPressure	18	1485	2.87900000000000E+1
PIPressure	18	1486	2.87900000000000E+1
PIPressure	18	1487	2.87900000000000E+1
PIPressure	18	1488	2.87900000000000E+1
PIPressure	18	1489	2.87900000000000E+1
PIPressure	18	1490	2.87900000000000E+1
PIPressure	18	1491	2.87900000000000E+1
PIPressure	18	1492	2.87900000000000E+1
PIPressure	18	1493	2.87900000000000E+1
PIPressure	18	1494	2.87900000000000E+1

Relazione di calcolo spalle e fondazioni

COMMESSA	LOTTO	CODIFICA	DOCUMENTO	REV.	FOGLIO
NM25	03 D 26	CL	IV 30 04 001	A	713 di 729

PIPressure	18	1495	2.87900000000000E+1
PIPressure	18	1496	2.87900000000000E+1
PIPressure	18	1497	2.87900000000000E+1
PIPressure	18	1498	2.87900000000000E+1
PIPressure	18	1499	2.87900000000000E+1
PIPressure	18	1500	2.87900000000000E+1
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PIPressure	18	1502	2.87900000000000E+1
PIPressure	18	1503	2.87900000000000E+1
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PIPressure	18	1507	2.87900000000000E+1
PIPressure	18	1508	2.87900000000000E+1
PIPressure	18	1509	2.87900000000000E+1
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PIPressure	18	1511	2.87900000000000E+1
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PIPressure	18	1513	2.87900000000000E+1
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PIPressure	18	1520	2.87900000000000E+1
PIPressure	18	1521	2.87900000000000E+1

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PIPressure	18	1524	2.87900000000000E+1
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PIPressure	18	1546	2.87900000000000E+1
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PIPressure	18	1548	2.87900000000000E+1

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PIPressure	18	1566	2.87900000000000E+1
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PIPressure	18	1575	2.87900000000000E+1

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PIPressure	18	1577	2.87900000000000E+1
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PIPressure	18	1583	2.87900000000000E+1
PIPressure	18	1584	2.87900000000000E+1
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PIPressure	18	1599	2.87900000000000E+1
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PIPressure	18	1601	2.87900000000000E+1
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PIPressure	18	2828	2.87900000000000E+1
PIPressure	18	2829	2.87900000000000E+1
PIPressure	18	2830	2.87900000000000E+1

/ _____

/ NODE FORCES

/ URTO

NdForce	22	22	1.00000000000000E+2	0.00000000000000E+0	0.00000000000000E+0

/ _____

/ NODE MOMENTS

/ URTO

NdMoment	22	22	0.00000000000000E+0	1.00000000000000E+2	0.00000000000000E+0