



CITTÀ DI LUCCA

Amministrazione Comunale

Settore 5 - Lavori Pubblici e Traffico U.O. 5.3 – Edilizia Sportiva

Dirigente: Ing. Antonella Giannini

Responsabile Unico di Progetto: Ing. Arianna De Cicco

P.T. 39-2026

REALIZZAZIONE DEL PALAZZETTO DELLO SPORT SILVER 1 NELL'AREA "EX CROCEROSSA" CUP J65B25001060005

PROGETTO ESECUTIVO

FASCICOLO DEI CALCOLI BLOCCO SPOGLIATOI

RTP: "PALAZZETTO DELLO SPORT AREA "EX CROCEROSSA"

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RTP: "PROGETTAZIONE OPERE ESTERNE"

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GEOLOGIA:
Studio INGEO



**PROGETTAZIONE IMPIANTO
FOTOVOLTAICO E OPERE CONNESSE**
A cura di: LRS Lucca Riscossioni e Servizi



Data Emissione

Revisione n°/data

24/06/2026

Rev.01 del 09/07/2026

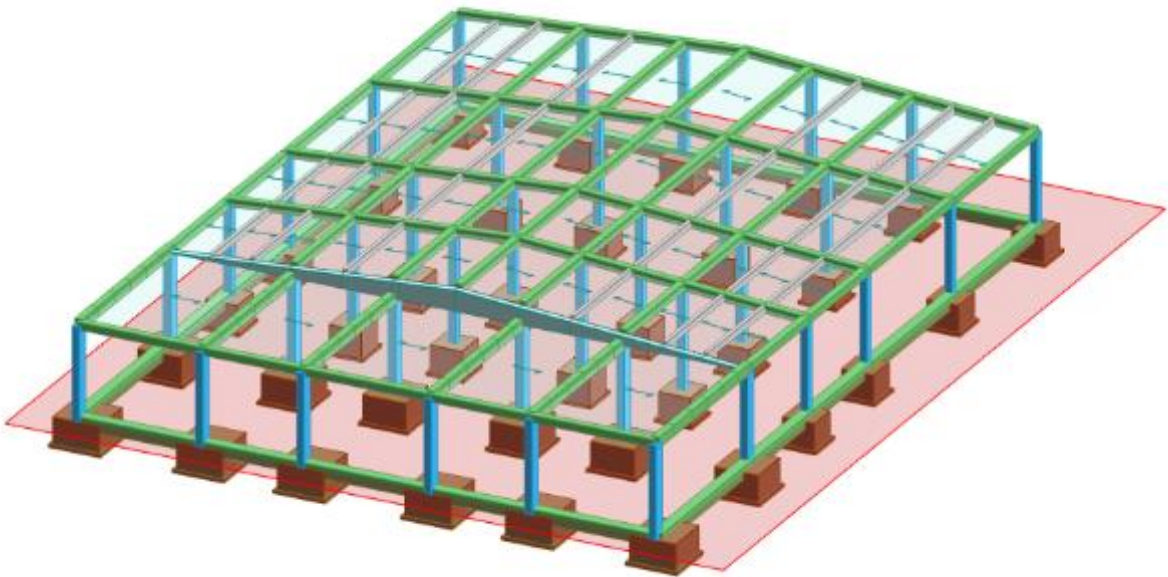
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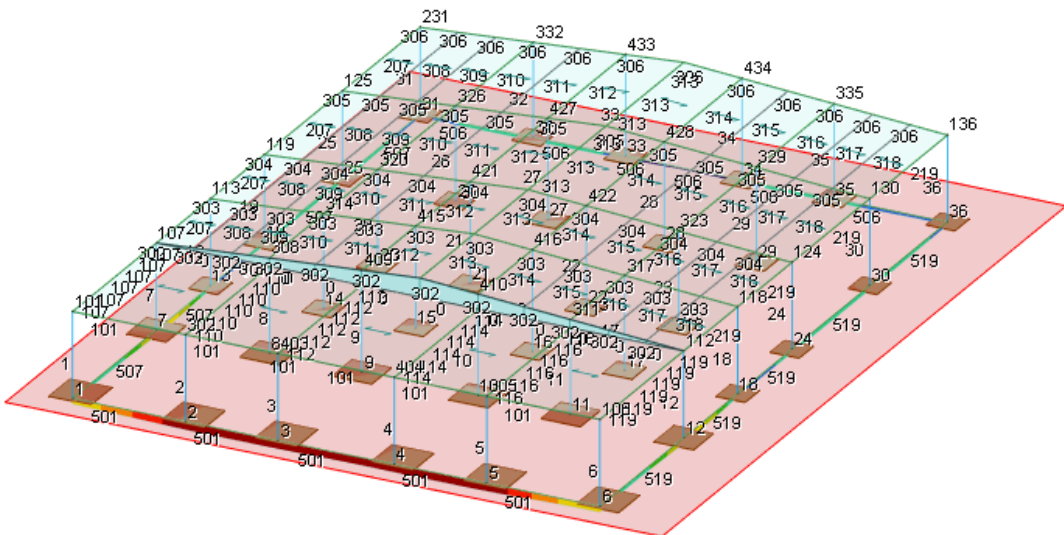
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BLOCCO SPOGLIATOI

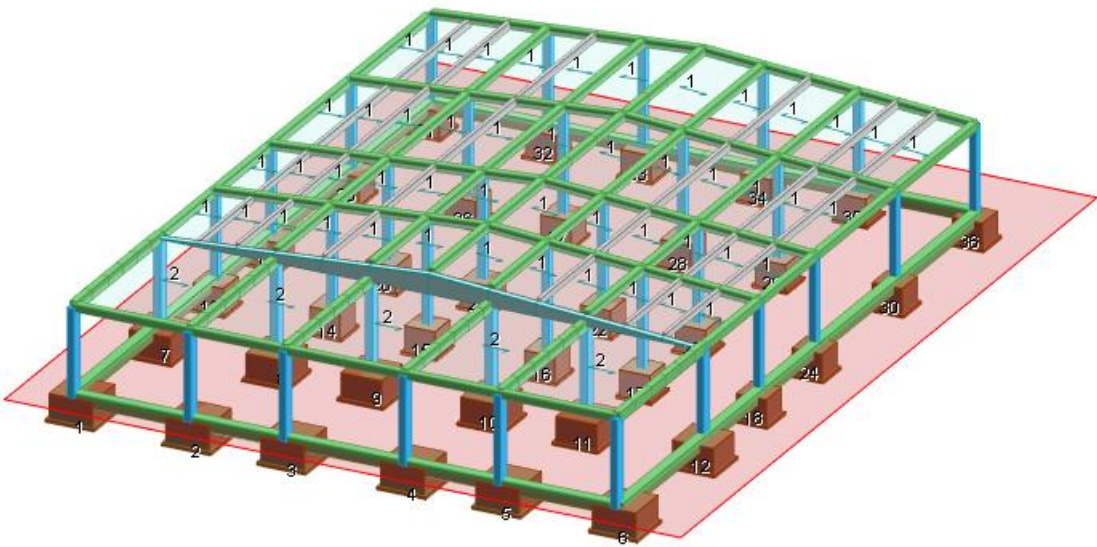
MODELLO 3D



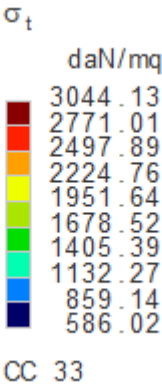
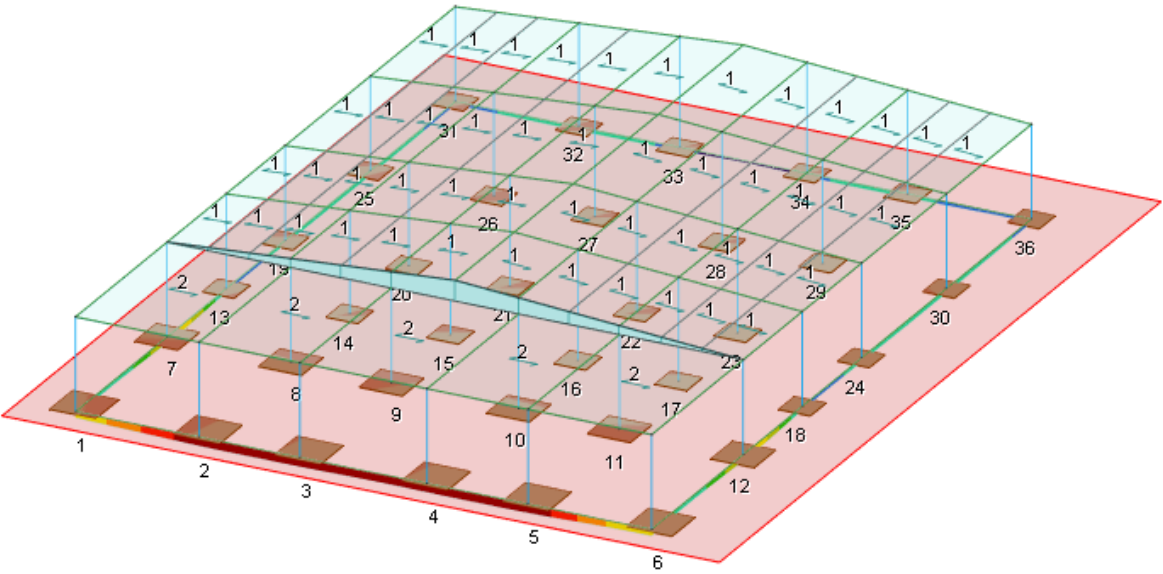
NODI E ASTE



SOLAI E PLINTI



TENSIONE SUL TERRENO



Geometria

Elenco vincoli nodi

Simbologia

Comm. = Commento
 Kt = Coeff. di sottofondo su suolo elastico alla Winkler
 Ly = Lunghezza (dir. Y locale)
 Lz = Larghezza (dir. Z locale)
 RL = Rotazione libera
 Rx = Rotazione intorno all'asse X (L=libera, B=bloccata, E=elastica)
 Ry = Rotazione intorno all'asse Y (L=libera, B=bloccata, E=elastica)
 Rz = Rotazione intorno all'asse Z (L=libera, B=bloccata, E=elastica)
 Sx = Spostamento in dir. X (L=libero, B=bloccato, E=elastico)
 Sy = Spostamento in dir. Y (L=libero, B=bloccato, E=elastico)
 Sz = Spostamento in dir. Z (L=libero, B=bloccato, E=elastico)
 Vn = Numero del vincolo nodo

Vn	Comm.	Sx	Sy	Sz	Rx	Ry	Rz	RL	Ly <m>	Lz <m>	Kt <daN/cmc>
1	Libero	L	L	L	L	L	L				

Vn	Comm.	Sx	Sy	Sz	Rx	Ry	Rz	RL	Ly <m>	Lz <m>	Kt <daN/cmc>
3	El. sew 110001							Si	1.00	1.00	5.85

Elenco materiali

Simbologia

α = Coeff. di dilatazione termica
 v = Coeff. di Poisson
 Comm. = Commento
 E = Modulo elastico
 G = Modulo elastico tangenziale
 Mat. = Numero del materiale
 P = Peso specifico

Mat.	Comm.	P <daN/mc>	E <daN/cm ² >	G <daN/cm ² >	v	α
5	Calcestruzzo classe C25/30	2500	314472.00	142942.00	0.1	1.00E-05
6	Calcestruzzo classe C28/35	2500	325881.00	148128.00	0.1	1.00E-05
20	Legname a media elasticità	460	120000.00	7500.00	0.39	4.00E-06

Elenco sezioni aste

Simbologia

B = Base
 C = Numero del criterio di progetto
 Comm. = Commento
 Crit. C.F. = Criterio di progetto collegamento finale
 Crit. C.I. = Criterio di progetto collegamento iniziale
 H = Altezza
 Ma = Numero del materiale
 Mem. = Membratura
 G = Generica
 T = Trave
 P = Pilastro
 Sez. = Numero della sezione
 Tipo = Tipologia
 R = Rettangolare
 Ver. = Verifica prevista
 C = Cemento armato
 L = Legno

Sez.	Comm.	Tipo	Mem.	Ver.	B <cm>	H <cm>	Ma	C	Crit. C.I.	Crit. C.F.
1	Cordolo di fondazione	R	T	C	37.00	40.00	5	2		
2	PILASTRO 25X25	R	P	C	25.00	25.00	5	1		
3	TRAVE 25X25	R	T	C	25.00	25.00	5	1		
4	PILASTRO 25X40	R	P	C	40.00	25.00	5	1		
5	trave 25X35	R	T	C	25.00	35.00	5	1		
6	Trave legno 12x26	R	G	L	12.00	26.00	20	2		
7	Trave legno 12x20	R	G	L	12.00	20.00	20	2		

Elenco tipi elementi bidimensionali

Simbologia

Ang. att. = Angolo di attrito
 Ang. dil. = Angolo di dilatanza
 Coes. = Coesione
 Comm. = Commento
 Crit. = Numero del criterio di progetto
 DP = Drucker-Prager
 Kt = Coeff. di sottofondo su suolo elastico alla Winkler
 Mat. = Numero del materiale
 Spess. = Spessore
 Tb = Numero del tipo muro/elemento bidimensionale
 Tipo = Tipologia
 F = Membranale e Flessionale
 M = Membranale
 W-RC = Winkler resistente solo a compressione
 W-RTC = Winkler resistente a trazione e a compressione
 Uso = Utilizzo
 G = Generico

Tb	Comm.	Tipo	Uso	Spess. <cm>	Kt <daN/cmc>	DP	Ang. att. <grad>	Coes. <daN/mq>	Ang. dil. <grad>	Crit.	Mat.
1	setto	F	G	25.00		N	0.00	0.00	0.00	1	6

Elenco elementi bidimensionali

Simbologia

Bid. = Numero del muro/elemento bidimensionale
 Dy1 = Scost. filo fisso Y1
 Dy2 = Scost. filo fisso Y2
 FF = Filo fisso
 Kt = Coeff. di sottofondo su suolo elastico alla Winkler
 NN = Nodi
 Tb = Numero del tipo muro/elemento bidimensionale

Bid.	Tb	FF	Dy1 <cm>	Dy2 <cm>	Kt <daN/cmc>	NN	Bid.	Tb	FF	Dy1 <cm>	Dy2 <cm>	Kt <daN/cmc>	NN
102	1	11	0.00	0.00		107 -133 -160	102	1	11	0.00	0.00		-160 -133 -134 -161
102	1	11	0.00	0.00		-161 -134 308 -155	102	1	11	0.00	0.00		-155 308 -148 -162
102	1	11	0.00	0.00		-162 -148 409 -15	102	1	11	0.00	0.00		-15 409 -9 -156
102	1	11	0.00	0.00		-156 -9 410 -16	102	1	11	0.00	0.00		-16 410 -150 -157
102	1	11	0.00	0.00		-157 -150 311 -7	102	1	11	0.00	0.00		-7 311 -153 -158
102	1	11	0.00	0.00		-158 -153 -154 -159	102	1	11	0.00	0.00		-159 -154 112

Elenco tipi plinti/pali

Simbologia

A1 = Prima dimensione plinto/palo in dir. X
 A2 = Seconda dimensione plinto/palo in dir. X
 B1 = Prima dimensione plinto/palo in dir. Y
 B2 = Seconda dimensione plinto/palo in dir. Y
 Comm. = Commento
 Crit. = Numero del criterio di progetto
 H1 = Altezza parte inferiore plinto/palo
 Tipo = Tipologia
 R = Rettangolare
 T1 = Numero del tipo plinto/palo
 Tp = Tipo palo
 c1 = Allargamento magrone in dir. X
 c2 = Allargamento magrone in dir. Y
 h = Altezza magrone

T1	Tipo	Tp	Comm.	A1 <m>	A2 <m>	B1 <m>	B2 <m>	H1 <m>	c1 <m>	c2 <m>	h <m>	Crit.
1	R	--	plinto 1.1x1.1	0.55	0.55	0.55	0.55	0.90	0.10	0.10	0.10	1
2	R	--	Plinto 1.6x1.6 terminale	0.80	0.80	1.40	0.20	0.90	0.10	0.10	0.10	1
3	R	--	plinto 1.5x1.5	0.75	0.75	0.75	0.75	0.90	0.10	0.10	0.10	1

Elenco plinti/pali

Simbologia

Kt = Coeff. di sottofondo su suolo elastico alla Winkler
 Nodo = Nodo plinto/palo
 PL = Plinto/Palo
 T1 = Numero del tipo plinto/palo

PL	T1	Nodo	Kt <daN/cmc>	PL	T1	Nodo	Kt <daN/cmc>	PL	T1	Nodo	Kt <daN/cmc>	PL	T1	Nodo	Kt <daN/cmc>	PL	T1	Nodo	Kt <daN/cmc>
1	2	1	5.85	2	2	2	5.85	3	2	3	5.85	4	2	4	5.85	5	2	5	5.85
6	2	6	5.85	7	3	7	5.85	8	3	8	5.85	9	3	9	5.85	10	3	10	5.85
11	3	11	5.85	12	3	12	5.85	13	1	13	5.85	14	1	14	5.85	15	1	15	5.85

16	1	16	5.85	17	1	17	5.85	18	1	18	5.85	19	1	19	5.85	20	1	20	5.85
21	1	21	5.85	22	1	22	5.85	23	1	23	5.85	24	1	24	5.85	25	1	25	5.85
26	1	26	5.85	27	1	27	5.85	28	1	28	5.85	29	1	29	5.85	30	1	30	5.85
31	1	31	5.85	32	1	32	5.85	33	1	33	5.85	34	1	34	5.85	35	1	35	5.85
36	1	36	5.85																

Elenco tipi solai

Simbologia

Comm. = Commento
Lfl = Larghezza fascia laterale
QA = Primo carico accidentale
QA2 = Secondo carico accidentale
QA3 = Terzo carico accidentale
Qpn = Carico permanente non strutturale
Qps = Carico permanente strutturale
Rc = Ripartizione carichi
UN = Unidirezionale
Rip. int. = Ripartizione su aste interne
Rip. ter. = Ripartizione su aste terminali
Ts = Numero del tipo solaio
s = Coeff. di riduzione

Ts	Comm.	Rc	Qps <daN/mq>	Qpn <daN/mq>	QA <daN/mq>	QA2 <daN/mq>	QA3 <daN/mq>	Rip. ter.	Rip. int.	Lfl <m>	s
1	Solaio in lamiera coibentata	UN	15.00	50.00	80.00	50.00	0.00	50.00	50.00	0.00	0.33
2	Solaio latero cemento	UN	300.00	250.00	80.00	50.00	0.00	50.00	50.00	0.00	0.33

Risultati del calcolo

Parametri di calcolo

La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.32, licenza n. 7222, prodotto da Tecnisoft s.a.s. - Prato
La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 9.4.5, licenza n. -1091016651, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 18
Tipo di calcolo: sismica statica
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: metodo Master-Slave
Modalità di recupero masse secondarie: trasferire le masse
- All'impalcato più vicino in assoluto: Sì
- Anche sui nodi degli impalcati non rigidi: No
- Modificare coordinate baricentro impalcati rigidi: XY

Generazione combinazioni

- Tipo di analisi: Lineare
- Valuta spostamenti e non sollecitazioni: No
- Buckling: No

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No
- Massimizzare i carichi variabili: No
- Recupero carichi zone rigide: taglio e momento flettente
- Modalità di combinazione momento torcente: disaccoppiare le azioni

Opzioni del solutore

Opzioni generali:
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No

Opzioni per analisi P-Delta:
- Numero massimo di iterazioni: 15
- Valore della norma euclidea degli spostamenti: 1.0000E-04

Opzioni per analisi pushover:
- Esegui analisi in regime di piccoli spostamenti: Sì

Opzioni per analisi pushover murature:
- Interrompi analisi nel caso di plasticizzazione per carichi statici: Sì
- Utilizza sforzo normale medio: Sì

Metodo di convergenza:

- Forze e momenti residui (F)
 Valore della norma euclidea delle forze: 1.0000E-03
 Valore della norma euclidea dei momenti: 1.0000E-02

- Opzioni aggiuntive per analisi non lineari in presenza di elementi bidimensionali con comportamento Drucker-Prager:
 OPTION PARAM AUTO_INCREMENT=YES
 OPTION PARAM LINE_SEARCHES=YES
 OPTION PARAM BGINCRS=1.0
 OPTION PARAM AVINCRS=1.0

Dati struttura

- Sito di costruzione: lucca via delle tagliate LON. 10.50510 LAT. 43.85140
 Contenuto tra ID reticolo: 19604 19382 19603 19381

Simbologia

Ag = Accelerazione orizzontale massima al sito
 Cc = Coefficiente funzione della categoria del suolo
 Fo = Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
 Ss = Coefficiente di amplificazione stratigrafica
 TR = Periodo di ritorno <anni>
 TCC = Tipo di combinazione di carico
 SLU = Stato limite ultimo
 SLE R = Stato limite d'esercizio, combinazione rara
 SLE F = Stato limite d'esercizio, combinazione frequente
 SLE Q = Stato limite d'esercizio, combinazione quasi permanente
 SLD = Stato limite di danno
 SLV = Stato limite di salvaguardia della vita
 SND = Stato limite di salvaguardia della vita (non dissipativo)
 Tc* = Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale <sec>

TCC	TR	Ag <g>	Fo	Tc*	Ss	Cc
SLD	50	0.0532	2.55	0.25	1.50	1.66
SLV	475	0.1297	2.38	0.29	1.50	1.58

- Edificio esistente: No
 - Spettri: Automatici da normativa
 - Tipo di opera: Opera ordinaria
 - Vita nominale VN: 50.00
 - Classe d'uso: Classe II
 - SL Esercizio: SLOPvr No, SLDPvr 63.00
 - SL Ultimi: SLVPvr 10.00, SLCPvr No
 - Struttura dissipativa: Si
 - Classe di duttilità: Classe B
 - Quota di riferimento: 0.00 <m>
 - Quota max della struttura: 3.93 <m>
 - Altezza della struttura: 3.93 <m>
 - Numero piani edificio: 1
 - Coefficiente θ : 0.00
 - Edificio regolare in altezza: Si
 - Edificio regolare in pianta: Si
 - Forze orizzontali convenzionali per stati limite non sismici: No
 - Genera stati limite per verifiche di resistenza al fuoco: No

Dati di calcolo

- Categoria del suolo di fondazione: C
 - Tipologia strutturale: c.a. o prefabbricata a telaio di un piano

Periodo T_1	0.20934
Coeff. λ SLD	1.00
Coeff. λ SLV	1.00
Rapporto di sovraresistenza (α_0/α_1)	1.10
Valore di riferimento del fattore di comportamento (q_0)	3.30
Fattore riduttivo (K_w)	1.00
Fattore riduttivo regolarità in altezza (KR)	1.00
Fattore di comportamento dissipativo (q)	3.30
Fattore di comportamento non dissipativo (qND)	1.50
Fattore di comportamento per SLD (qD)	1.50

- Categoria topografica: T1 - Superficie pianeggiante, pendii e rilievi isolati con inclinazione media $i \leq 15^\circ$
 - Coeff. amplificazione topografica S_T : 1.00
 - Accelerazione di picco del terreno AgS: 0.1946 <g>
 - Fattore di comportamento per sisma verticale (qv): 1.50
 - Smorzamento spettro: 5.00%

- Angolo di ingresso del sisma: 0.00 <grad>
 - Tipo di combinazione sismica: 30% esteso

Ambienti di carico

Simbologia

N = Numero
 Comm. = Commento
 1=permanententi strutturali
 2=permanententi non strutturali
 3=accidentale neve
 4=vento
 5=Accidentale manutenzione

F =azioni orizzontali convenzionali
 SLU =Stato limite ultimo
 SLR =Stato limite per combinazioni rare
 SLF =Stato limite per combinazioni frequenti
 SLQ/D =Stato limite per combinazioni quasi permanenti o di danno
 S = Si
 N = No

N	Comm.	1	2	3	4	5	SLU	SLR	SLF	SLQ
1	Calcolo sismico	S	S	S	N	S	S	N	N	N
2	Calcolo statico	S	S	S	N	S	S	S	S	S
3	Vento da 0°	S	S	S	S	N	S	S	S	S

Elenco combinazioni di carico simboliche

Simbologia

CC =Numero della combinazione delle condizioni di carico elementari
 Comm. =Commento
 TCC =Tipo di combinazione di carico
 SLU = Stato limite ultimo
 SLE R = Stato limite d'esercizio, combinazione rara
 SLE F = Stato limite d'esercizio, combinazione frequente
 SLE Q = Stato limite d'esercizio, combinazione quasi permanente
 SLD = Stato limite di danno
 SLV = Stato limite di salvaguardia della vita
 SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	1	2	3	4	5	S
1	Amb. 1 (Sisma)	SLU S	1	1	Ψ_2	-----	Ψ_2	1
2	Amb. 2 (SLU)	SLU	γ max	γ max	γ max	-----	γ max	-----
3	Amb. 2 (SLE R)	SLE R	1	1	1	-----	1	-----
4	Amb. 2 (SLE F)	SLE F	1	1	Ψ_1	-----	Ψ_1	-----
5	Amb. 2 (SLE Q)	SLE Q	1	1	Ψ_2	-----	Ψ_2	-----
6	Amb. 3 (SLU)	SLU	γ max	γ max	γ max	γ max	γ max	-----
7	Amb. 3 (SLU)	SLU	γ max	γ max	γ max	$\Psi_0 \cdot \gamma$ max	γ max	-----
8	Amb. 3 (SLE R)	SLE R	1	1	1	1	1	-----
9	Amb. 3 (SLE R)	SLE R	1	1	1	Ψ_0	1	-----
10	Amb. 3 (SLE F)	SLE F	1	1	Ψ_1	Ψ_1	Ψ_1	-----
11	Amb. 3 (SLE F)	SLE F	1	1	Ψ_1	Ψ_2	Ψ_1	-----
12	Amb. 3 (SLE Q)	SLE Q	1	1	Ψ_2	Ψ_2	Ψ_2	-----

Genera le combinazioni con un solo carico di tipo variabile come di base: No

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle CCE

Simbologia

An. =Tipo di analisi
 L = Lineare
 NL = Non lineare
 PD = P-Delta
 Bk =Buckling
 S = Si
 N = No
 CC =Numero della combinazione delle condizioni di carico elementari
 Comm. =Commento
 TCC =Tipo di combinazione di carico
 SLU = Stato limite ultimo
 SLE R = Stato limite d'esercizio, combinazione rara
 SLE F = Stato limite d'esercizio, combinazione frequente
 SLE Q = Stato limite d'esercizio, combinazione quasi permanente
 SLD = Stato limite di danno
 SLV = Stato limite di salvaguardia della vita
 SND = Stato limite di salvaguardia della vita (non dissipativo)

CC	Comm.	TCC	An.	Bk	1	2	3	4	5	Mt	S X	S Y
1	Amb. 1 (SLU S) S Mt+X+0.3Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	1.00	1.00	0.30
2	Amb. 1 (SLE) S Mt+X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	1.00	1.00	0.30
3	Amb. 1 (SLU S) S Mt+X-0.3Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	1.00	1.00	-0.30
4	Amb. 1 (SLE) S Mt+X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	1.00	1.00	-0.30
5	Amb. 1 (SLU S) S Mt-X+0.3Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	1.00	-1.00	0.30
6	Amb. 1 (SLE) S Mt-X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	1.00	-1.00	0.30
7	Amb. 1 (SLU S) S Mt-X-0.3Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	1.00	-1.00	-0.30
8	Amb. 1 (SLE) S Mt-X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	1.00	-1.00	-0.30
9	Amb. 1 (SLU S) S Mt+0.3X+Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	1.00	0.30	1.00
10	Amb. 1 (SLE) S Mt+0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	1.00	0.30	1.00
11	Amb. 1 (SLU S) S Mt-0.3X+Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	1.00	-0.30	1.00
12	Amb. 1 (SLE) S Mt-0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	1.00	-0.30	1.00
13	Amb. 1 (SLU S) S Mt+0.3X-Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	1.00	0.30	-1.00
14	Amb. 1 (SLE) S Mt+0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	1.00	0.30	-1.00
15	Amb. 1 (SLU S) S Mt-0.3X-Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	1.00	-0.30	-1.00
16	Amb. 1 (SLE) S Mt-0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	1.00	-0.30	-1.00
17	Amb. 1 (SLU S) S -Mt+X+0.3Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	-1.00	1.00	0.30
18	Amb. 1 (SLE) S -Mt+X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	-1.00	1.00	0.30
19	Amb. 1 (SLU S) S -Mt+X-0.3Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	-1.00	1.00	-0.30
20	Amb. 1 (SLE) S -Mt+X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	-1.00	1.00	-0.30
21	Amb. 1 (SLU S) S -Mt-X+0.3Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	-1.00	-1.00	0.30
22	Amb. 1 (SLE) S -Mt-X+0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	-1.00	-1.00	0.30

23	Amb. 1 (SLU S) S -Mt-X-0.3Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	-1.00	-1.00	-0.30
24	Amb. 1 (SLE) S -Mt-X-0.3Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	-1.00	-1.00	-0.30
25	Amb. 1 (SLU S) S -Mt+0.3X+Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	-1.00	0.30	1.00
26	Amb. 1 (SLE) S -Mt+0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	-1.00	0.30	1.00
27	Amb. 1 (SLU S) S -Mt-0.3X+Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	-1.00	-0.30	1.00
28	Amb. 1 (SLE) S -Mt-0.3X+Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	-1.00	-0.30	1.00
29	Amb. 1 (SLU S) S -Mt+0.3X-Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	-1.00	0.30	-1.00
30	Amb. 1 (SLE) S -Mt+0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	-1.00	0.30	-1.00
31	Amb. 1 (SLU S) S -Mt-0.3X-Y	SLV+SND	L	N	1.00	1.00	0.00	0.00	0.00	0.00	-1.00	-0.30	-1.00
32	Amb. 1 (SLE) S -Mt-0.3X-Y	SLD	L	N	1.00	1.00	0.00	0.00	0.00	0.00	-1.00	-0.30	-1.00
33	Amb. 2 (SLU) NEVE	SLU	L	N	1.30	1.50	1.50	0.90	0.00	0.00	0.00	0.00	0.00
34	Amb. 2 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.60	0.00	0.00	0.00	0.00	0.00
35	Amb. 2 (SLE F)	SLE F	L	N	1.00	1.00	0.20	0.20	0.00	0.00	0.00	0.00	0.00
36	Amb. 2 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	Amb. 3 (SLU) VENTO	SLU	L	N	1.30	1.50	0.75	1.50	0.00	0.00	0.00	0.00	0.00
38	Amb. 3 (SLE R)	SLE R	L	N	1.00	1.00	0.50	1.00	0.00	0.00	0.00	0.00	0.00
39	Amb. 3 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
40	Amb. 3 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	SLU MANUTENZIONE	SLU	L	N	1.50	1.50	0.75	0.90	1.50	0.00	0.00	0.00	0.00
42	SLR	SLE R	L	N	1.00	1.00	0.50	0.60	1.00	0.00	0.00	0.00	0.00
43	SLF	SLE F	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	SLQP	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Elenco baricentri e masse impalcati

Simbologia

Imp. = Numero dell'impalcato

Jpz = Massa rotazionale intorno all'asse Z

Mo = Massa orizzontale

X = Coordinata X

Y = Coordinata Y

Z = Coordinata Z

Imp.	X <m>	Y <m>	Z <m>	Mo <kg>	Jpz <kg*mq>
1	9.98	4.57	3.23	114215.00	7173910.00

Totali masse impalcati

Mo <kg>	Jpz <kg*mq>
114215.00	7173910.00

Elenco masse nodi

Simbologia

Mo = Massa orizzontale

Nodo = Numero del nodo

Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>
-152	659.57	-151	666.05	-149	802.13	-147	802.13	-146	764.55	-145	771.92	-144	869.52	-143	877.79
-142	548.12	-141	553.46	-140	926.83	-139	1051.53	-138	665.47	-137	926.83	-136	1051.53	-135	665.47
-132	659.57	-131	666.05	-130	764.55	-129	771.92	-128	869.52	-127	877.79	-126	548.12	-125	553.46
-44	497.69	-43	410.55	-42	480.27	-41	427.98	-13	843.08	-12	1229.53	-11	1400.12	-10	1605.58
314	1619.98	317	1626.46	320	1858.23	323	1865.61	326	2096.48	329	2104.75	332	1315.55	335	1320.89
415	1806.90	416	1806.90	421	2068.49	422	2068.49	427	2330.07	428	2330.08	433	1473.05	434	1473.05

Totali masse nodi

Mo <kg>
54373.60

Elenco forze sismiche di impalcato allo SLD

Simbologia

Fx = Forza in dir. X

Fy = Forza in dir. Y

Imp. = Numero dell'impalcato

Mz = Momento intorno all'asse Z

cx = Coeff. c in dir. X

cy = Coeff. c in dir. Y

Imp.	cx	cy	Fx <daN>	Fy <daN>	Mz <daNm>
1	0.65	0.65	14607.40	14607.40	24156.60

Totali forze sismiche

Fx <daN>	Fy <daN>	Mz <daNm>
14607.40	14607.40	24156.60

Elenco forze sismiche nodali allo SLD

Simbologia
Fx =Forza in dir. X
Fy =Forza in dir. Y
Nodo =Numero del nodo
cx =Coeff. c in dir. X
cy =Coeff. c in dir. Y

Nodo	cx	cy	Fx <daN>	Fy <daN>
-152	0.00	0.00	86.95	86.95
-146	0.00	0.00	100.79	100.79
-142	0.00	0.00	72.26	72.26
-138	0.00	0.00	96.27	96.27
-132	0.00	0.00	89.60	89.60
-128	0.01	0.01	118.13	118.13
-44	0.00	0.00	77.45	77.45
-13	0.01	0.01	131.19	131.19
314	0.01	0.01	226.46	226.46
326	0.01	0.01	293.07	293.07
415	0.01	0.01	270.12	270.12
427	0.02	0.02	348.34	348.34

Nodo	cx	cy	Fx <daN>	Fy <daN>
-151	0.00	0.00	90.43	90.43
-145	0.00	0.00	104.80	104.80
-141	0.00	0.00	75.14	75.14
-137	0.01	0.01	134.07	134.07
-131	0.00	0.00	87.86	87.86
-127	0.01	0.01	115.79	115.79
-43	0.00	0.00	63.89	63.89
-12	0.01	0.01	191.33	191.33
317	0.01	0.01	227.36	227.36
329	0.01	0.01	294.23	294.23
416	0.01	0.01	270.12	270.12
428	0.02	0.02	348.34	348.34

Nodo	cx	cy	Fx <daN>	Fy <daN>
-149	0.01	0.01	116.03	116.03
-144	0.01	0.01	114.63	114.63
-140	0.01	0.01	134.07	134.07
-136	0.01	0.01	152.11	152.11
-130	0.00	0.00	103.87	103.87
-126	0.00	0.00	74.46	74.46
-42	0.00	0.00	74.73	74.73
-11	0.01	0.01	217.88	217.88
320	0.01	0.01	259.76	259.76
332	0.01	0.01	183.90	183.90
421	0.01	0.01	309.23	309.23
433	0.01	0.01	220.22	220.22

Nodo	cx	cy	Fx <daN>	Fy <daN>
-147	0.01	0.01	116.03	116.03
-143	0.01	0.01	119.18	119.18
-139	0.01	0.01	152.11	152.11
-135	0.00	0.00	96.27	96.27
-129	0.00	0.00	101.83	101.83
-125	0.00	0.00	73.01	73.01
-41	0.00	0.00	66.60	66.60
-10	0.01	0.01	249.85	249.85
323	0.01	0.01	260.80	260.80
335	0.01	0.01	184.65	184.65
422	0.01	0.01	309.23	309.23
434	0.01	0.01	220.22	220.22

Totali forze sismiche

Fx <daN>	Fy <daN>
7824.67	7824.67

Elenco forze sismiche di impalcato allo SLV

Imp.	cx	cy	Fx <daN>	Fy <daN>	Mz <daNm>
1	0.65	0.65	15090.90	15090.90	24956.30

Totali forze sismiche

Fx <daN>	Fy <daN>	Mz <daNm>
15090.90	15090.90	24956.30

Elenco forze sismiche nodali allo SLV

Nodo	cx	cy	Fx <daN>	Fy <daN>
-152	0.00	0.00	89.83	89.83
-146	0.00	0.00	104.13	104.13
-142	0.00	0.00	74.65	74.65
-138	0.00	0.00	99.45	99.45
-132	0.00	0.00	92.57	92.57
-128	0.01	0.01	122.04	122.04
-44	0.00	0.00	80.01	80.01
-13	0.01	0.01	135.54	135.54
314	0.01	0.01	233.96	233.96
326	0.01	0.01	302.77	302.77
415	0.01	0.01	279.07	279.07
427	0.02	0.02	359.87	359.87

Nodo	cx	cy	Fx <daN>	Fy <daN>
-151	0.00	0.00	93.42	93.42
-145	0.00	0.00	108.27	108.27
-141	0.00	0.00	77.63	77.63
-137	0.01	0.01	138.51	138.51
-131	0.00	0.00	90.77	90.77
-127	0.01	0.01	119.63	119.63
-43	0.00	0.00	66.00	66.00
-12	0.01	0.01	197.66	197.66
317	0.01	0.01	234.89	234.89
329	0.01	0.01	303.96	303.96
416	0.01	0.01	279.07	279.07
428	0.02	0.02	359.87	359.87

Nodo	cx	cy	Fx <daN>	Fy <daN>
-149	0.01	0.01	119.88	119.88
-144	0.01	0.01	118.42	118.42
-140	0.01	0.01	138.51	138.51
-136	0.01	0.01	157.15	157.15
-130	0.00	0.00	107.30	107.30
-126	0.00	0.00	76.93	76.93
-42	0.00	0.00	77.21	77.21
-11	0.01	0.01	225.09	225.09
320	0.01	0.01	268.36	268.36
332	0.01	0.01	189.99	189.99
421	0.01	0.01	319.47	319.47
433	0.01	0.01	227.50	227.50

Nodo	cx	cy	Fx <daN>	Fy <daN>
-147	0.01	0.01	119.88	119.88
-143	0.01	0.01	123.12	123.12
-139	0.01	0.01	157.15	157.15
-135	0.00	0.00	99.45	99.45
-129	0.00	0.00	105.20	105.20
-125	0.00	0.00	75.43	75.43
-41	0.00	0.00	68.80	68.80
-10	0.01	0.01	258.12	258.12
323	0.01	0.01	269.43	269.43
335	0.01	0.01	190.76	190.76
422	0.01	0.01	319.47	319.47
434	0.01	0.01	227.50	227.50

Totali forze sismiche

Fx <daN>	Fy <daN>
8083.69	8083.69

Elenco forze sismiche di impalcato allo SND

Imp.	cx	cy	Fx <daN>	Fy <daN>	Mz <daNm>
1	0.65	0.65	33200.10	33200.10	54903.80

Totali forze sismiche

Fx <daN>	Fy <daN>	Mz <daNm>
33200.10	33200.10	54903.80

Elenco forze sismiche nodali allo SND

Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>	Nodo	cx	cy	Fx <daN>	Fy <daN>
-152	0.00	0.00	197.63	197.63	-151	0.00	0.00	205.53	205.53	-149	0.01	0.01	263.73	263.73	-147	0.01	0.01	263.73	263.73
-146	0.00	0.00	229.08	229.08	-145	0.00	0.00	238.20	238.20	-144	0.01	0.01	260.54	260.54	-143	0.01	0.01	270.87	270.87
-142	0.00	0.00	164.24	164.24	-141	0.00	0.00	170.79	170.79	-140	0.01	0.01	304.73	304.73	-139	0.01	0.01	345.72	345.72
-138	0.00	0.00	218.80	218.80	-137	0.01	0.01	304.73	304.73	-136	0.01	0.01	345.72	345.72	-135	0.00	0.00	218.80	218.80
-132	0.00	0.00	203.66	203.66	-131	0.00	0.00	199.70	199.70	-130	0.00	0.00	236.07	236.07	-129	0.00	0.00	231.44	231.44
-128	0.01	0.01	268.48	268.48	-127	0.01	0.01	263.18	263.18	-126	0.00	0.00	169.24	169.24	-125	0.00	0.00	165.94	165.94
-44	0.00	0.00	176.02	176.02	-43	0.00	0.00	145.20	145.20	-42	0.00	0.00	169.86	169.86	-41	0.00	0.00	151.37	151.37
-13	0.01	0.01	298.18	298.18	-12	0.01	0.01	434.86	434.86	-11	0.01	0.01	495.19	495.19	-10	0.01	0.01	567.86	567.86
314	0.01	0.01	514.70	514.70	317	0.01	0.01	516.76	516.76	320	0.01	0.01	590.40	590.40	323	0.01	0.01	592.74	592.74
326	0.01	0.01	666.09	666.09	329	0.01	0.01	668.72	668.72	332	0.01	0.01	417.98	417.98	335	0.01	0.01	419.67	419.67
415	0.01	0.01	613.95	613.95	416	0.01	0.01	613.95	613.95	421	0.01	0.01	702.83	702.83	422	0.01	0.01	702.83	702.83
427	0.02	0.02	791.71	791.71	428	0.02	0.02	791.71	791.71	433	0.01	0.01	500.51	500.51	434	0.01	0.01	500.51	500.51

Totali forze sismiche

Fx <daN>	Fy <daN>
17784.10	17784.10

Spostamenti relativi massimi allo stato limite di danno

Simbologia

δ = Spostamento relativo

δ/h = Rapporto (*1000) tra lo spostamento relativo e l'altezza

CC = Numero della combinazione delle condizioni di carico elementari

N1 = Nodo1

N2 = Nodo2

h = Altezza teorica

I valori degli spostamenti relativi per CC di tipo sismico sono amplificati come da normativa

N1	N2	h <m>	δ <cm>	δ/h	CC	N1	N2	h <m>	δ <cm>	δ/h	CC	N1	N2	h <m>	δ <cm>	δ/h	CC	N1	N2	h <m>	δ <cm>	δ/h	CC
1	101	3.23	0.82	2.53	22	2	302	3.23	0.81	2.50	22	3	403	3.23	0.80	2.48	4	4	404	3.23	0.80	2.48	2
5	305	3.23	0.81	2.50	2	6	106	3.23	0.82	2.53	2	7	107	3.23	0.77	2.38	22	8	-155	3.23	0.76	2.35	22
9	-15	3.23	0.75	2.33	22	10	-16	3.23	0.75	2.33	2	11	-7	3.23	0.76	2.35	2	12	112	3.23	0.77	2.38	2
13	113	3.23	0.74	2.29	22	14	314	3.53	0.75	2.12	4	15	415	3.78	0.75	2.00	4	16	416	3.78	0.75	1.99	24
17	317	3.53	0.75	2.11	24	18	118	3.23	0.74	2.29	2	19	119	3.23	0.71	2.20	6	20	320	3.53	0.72	2.04	20
21	421	3.78	0.74	1.95	8	22	422	3.78	0.73	1.94	20	23	323	3.53	0.72	2.04	8	24	124	3.23	0.71	2.20	18
25	125	3.23	0.69	2.12	6	26	326	3.53	0.70	1.98	20	27	427	3.78	0.72	1.90	16	28	428	3.78	0.71	1.88	20
29	329	3.53	0.70	1.98	8	30	130	3.23	0.69	2.13	18	31	231	3.23	0.66	2.05	6	32	332	3.53	0.67	1.91	20
33	433	3.78	0.72	1.90	16	34	434	3.78	0.71	1.87	30	35	335	3.53	0.67	1.91	8	36	136	3.23	0.66	2.05	18

Min = 1.87

Max = 2.53

Sollecitazioni aste

Simbologia

Asta = Numero dell'asta
 CC = Numero della combinazione delle condizioni di carico elementari
 Mx = Momento torcente intorno all'asse X
 My = Momento flettente intorno all'asse Y
 Mz = Momento flettente intorno all'asse Z
 N = Sforzo normale
 N1 = Nodo1
 N2 = Nodo2
 Ty = Taglio in dir. Y
 Tz = Taglio in dir. Z
 X = Coordinata progressiva rispetto al nodo iniziale

Tipo di combinazione di carico: SLV

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	101	Max	17.00	-4693.37	25	3174.07	13	2092.39	27	1082.00	3	2444.74	21	30.18	3
1	1	101	Max	310.50	-3959.62	25	3174.07	13	5940.33	13	1082.00	3	1122.30	3	30.18	3
1	1	101	Min.	17.00	-6264.93	15	-104.91	27	-3375.56	13	-1408.27	21	-2053.36	3	-29.77	21
1	1	101	Min.	310.50	-5531.18	15	-104.91	27	1784.47	27	-1408.27	21	-1688.53	21	-29.77	21
2	2	302	Max	17.00	-8832.91	25	3424.95	13	337.20	27	1916.98	3	3350.39	21	30.18	3
2	2	302	Max	310.50	-8099.16	25	3424.95	13	9038.51	13	1916.98	3	2530.58	3	30.18	3
2	2	302	Min.	17.00	-10021.40	15	1870.60	27	-1013.70	13	-2036.46	21	-3095.77	3	-29.77	21
2	2	302	Min.	310.50	-9287.70	15	1870.60	27	5827.41	27	-2036.46	21	-2626.61	21	-29.77	21
3	3	403	Max	17.00	-8908.81	27	3269.43	13	310.20	27	1931.19	3	3135.58	21	30.18	3
3	3	403	Max	310.50	-8175.06	27	3269.43	13	9077.47	13	1931.19	3	2467.19	3	30.18	3
3	3	403	Min.	17.00	-10159.60	13	1927.15	27	-518.30	13	-1934.14	21	-3200.86	3	-29.77	21
3	3	403	Min.	310.50	-9425.81	13	1927.15	27	5966.39	27	-1934.14	21	-2541.13	21	-29.77	21
4	4	404	Max	17.00	-8411.36	9	2985.19	31	437.89	9	1949.98	3	3175.04	21	30.18	3
4	4	404	Max	310.50	-7677.61	9	2985.19	31	8371.08	31	1949.98	3	2562.82	3	30.18	3
4	4	404	Min.	17.00	-9661.23	31	1643.02	9	-390.45	31	-1915.39	21	-3160.37	3	-29.77	21
4	4	404	Min.	310.50	-8927.48	31	1643.02	9	5260.15	9	-1915.39	21	-2446.64	21	-29.77	21
5	5	305	Max	17.00	-8802.79	11	3414.51	31	308.57	9	2022.98	1	3114.38	23	30.18	3
5	5	305	Max	310.50	-8069.04	11	3414.51	31	8980.10	31	2022.98	1	2608.28	1	30.18	3
5	5	305	Min.	17.00	-9991.36	29	1861.11	9	-1041.50	31	-1929.06	23	-3329.16	1	-29.77	21
5	5	305	Min.	310.50	-9257.61	29	1861.11	9	5770.91	9	-1929.06	23	-2547.42	23	-29.77	21
6	6	106	Max	17.00	-4714.67	11	3171.92	31	2081.96	9	1410.92	1	2046.30	23	30.18	3
6	6	106	Max	310.50	-3980.92	11	3171.92	31	5940.62	31	1410.92	1	1691.44	1	30.18	3
6	6	106	Min.	17.00	-6271.58	29	-89.81	9	-3368.95	31	-1078.32	23	-2449.63	1	-29.77	21
6	6	106	Min.	310.50	-5537.83	29	-89.81	9	1818.35	9	-1078.32	23	-1118.57	23	-29.77	21
7	7	107	Max	17.00	-5858.00	13	733.76	13	5614.89	27	242.34	3	636.81	21	30.59	3
7	7	107	Max	305.50	-5136.75	13	733.76	13	-736.54	13	242.34	3	63.73	3	30.59	3
7	7	107	Min.	17.00	-6468.44	27	-4151.26	27	-2853.44	13	-356.80	21	-635.40	3	-30.18	21
7	7	107	Min.	305.50	-5747.19	27	-4151.26	27	-6361.51	27	-356.80	21	-392.55	21	-30.18	21
8	8	-155	Max	0.00	-11032.70	13	-2000.62	13	909.61	27	320.80	3	514.91	21	29.24	3
8	8	-155	Max	305.50	-10268.90	13	-2000.62	13	-6141.36	13	320.80	3	477.47	3	29.24	3
8	8	-155	Min.	0.00	-12118.30	27	-3263.60	27	-29.48	13	-358.78	21	-502.59	3	-28.85	21
8	8	-155	Min.	305.50	-11354.60	27	-3263.59	27	-9060.67	27	-358.78	21	-581.16	21	-28.85	21
9	9	-15	Max	0.00	-11298.30	13	-2040.08	13	872.38	27	374.83	3	522.10	21	29.24	3
9	9	-15	Max	305.50	-10534.50	13	-2040.08	13	-6242.67	13	374.83	3	623.86	3	29.24	3
9	9	-15	Min.	0.00	-12374.70	27	-3114.00	27	-10.23	13	-379.61	21	-521.23	3	-28.85	21
9	9	-15	Min.	305.50	-11611.00	27	-3114.00	27	-8640.90	27	-379.61	21	-637.60	21	-28.85	21
10	10	-16	Max	0.00	-10706.90	31	-1755.83	31	825.17	9	399.28	1	514.78	21	29.24	3
10	10	-16	Max	305.50	-9943.17	31	-1755.83	31	-5421.20	31	399.28	1	690.19	1	29.24	3
10	10	-16	Min.	0.00	-11777.40	9	-2829.02	9	-57.15	31	-358.41	23	-529.67	3	-28.85	21
10	10	-16	Min.	305.50	-11013.60	9	-2829.02	9	-7817.49	9	-358.41	23	-580.24	23	-28.85	21
11	11	-7	Max	0.00	-10659.70	31	-1950.19	31	900.41	9	334.96	1	512.48	23	29.24	3
11	11	-7	Max	305.50	-9895.92	31	-1950.19	31	-5994.85	31	334.96	1	515.90	1	29.24	3
11	11	-7	Min.	0.00	-11756.20	9	-3207.23	9	-37.03	31	-351.97	23	-507.40	1	-28.85	21
11	11	-7	Min.	305.50	-10992.40	9	-3207.23	9	-8897.69	9	-351.97	23	-562.78	23	-28.85	21
12	12	112	Max	17.00	-5864.21	31	703.49	31	5611.50	9	356.41	1	632.38	23	30.18	3
12	12	112	Max	310.50	-5130.46	31	703.49	31	-755.03	31	356.41	1	408.56	1	30.18	3
12	12	112	Min.	17.00	-6465.62	9	-4138.57	9	-2819.79	31	-238.85	23	-637.51	1	-29.77	21
12	12	112	Min.	310.50	-5731.87	9	-4138.57	9	-6535.20	9	-238.85	23	-68.64	23	-29.77	21
13	13	113	Max	17.00	-1528.81	3	999.95	13	1758.39	27	272.78	1	591.16	23	11.51	3
13	13	113	Max	310.53	-1070.17	3	999.95	13	1400.56	13	272.78	1	344.51	1	11.51	3
13	13	113	Min.	17.00	-2255.39	21	-1083.37	27	-1534.60	13	-570.34	23	-456.18	1	-11.36	21
13	13	113	Min.	310.53	-1796.75	21	-1083.37	27	-1421.63	27	-570.34	23	-1082.97	23	-11.36	21
14	14	314	Max	0.00	-2677.49	27	370.77	13	294.25	27	490.34	1	477.36	23	-5.20	1
14	14	314	Max	340.58	-2145.34	27	370.77	13	798.29	13	490.34	1	1137.18	1	-5.20	1
14	14	314	Min.	0.00	-3219.84	13	-193.15	27	-464.45	13	-379.97	23	-532.81	1	-25.54	23
14	14	314	Min.	340.58	-2687.69	13	-193.15	27	-363.59	27	-379.97	23	-816.72	23	-25.54	23
15	15	415	Max	0.00	-2836.92	27	374.40	13	225.22	27	291.20	1	495.35	23	-2.10	1
15	15	415	Max	365.09	-2266.47	27	374.40	13	871.06	13	291.20	1	645.69	1	-2.10	1
15	15	415	Min.	0.00	-3376.79	13	-125.53	27	-495.81	13	-414.34	23	-417.44	1	-22.54	23
15	15	415	Min.	365.09	-2806.34	13	-125.53	27	-233.08	27	-414.34	23	-1017.36	23	-22.54	23
16	16	416	Max	0.00	-2829.00	9	366.63	31	235.76	9	415.31	3	416.58	21	23.85	3
16	16	416	Max	365.09	-2258.55	9	366.63	31	853.40	31	415.31	3	1020.04	3	23.85	3
16	16	416	Min.	0.00	-3369.05	31	-133.19	9	-485.12	31	-290.23	21	-496.21	3	3.34	21
16	16	416	Min.	365.09	-2798.60	31	-133.19	9	-250.49	9	-290.23	21	-643.00	21	3.34	21
17	17	317	Max	0.00	-2672.44	9	369.35	31	296.00	9	380.16	3	532.04	21	24.45	3
17	17	317	Max	340.58	-2140.29	9	369.35	31	795.82	31	380.16	3	816.92	3	24.45	3
17	17	317	Min.	0.00	-3214.55	31	-194.06	9	-462.10	31	-489.51	21	-477.80	3	3.98	21
17	17	317	Min.	340.58	-2682.41	31	-194.06	9	-364.91	9	-489.51	21	-1135.11	21	3.98	21

101	403	-8	Max	220.50	0.00	1	0.00	9	0.00	9	565.36	21	132.85	13	33.81	21
101	403	-8	Min.	12.50	0.00	23	0.00	13	0.00	9	-257.52	3	-1381.57	21	16.13	3
101	403	-8	Min.	128.29										198.61	25	
101	403	-8	Min.	220.50	0.00	23	0.00	13	0.00	13	-582.52	3	132.17	27	16.13	3
101	-8	404	Max	0.00	0.00	7	0.00	9	0.00	9	565.36	21	132.85	13	33.81	21
101	-8	404	Max	117.43										239.91	27	
101	-8	404	Max	208.00	0.00	7	0.00	9	0.00	9	240.36	21	970.34	21	33.81	21
101	-8	404	Min.	0.00	0.00	17	0.00	13	0.00	13	-582.52	3	132.17	27	16.13	3
101	-8	404	Min.	81.75										184.38	11	
101	-8	404	Min.	208.00	0.00	17	0.00	13	0.00	13	-907.52	3	-1417.00	3	16.13	3
101	404	305	Max	12.50	0.00	21	0.00	13	0.00	13	1132.68	21	1245.88	3	-7.59	31
101	404	305	Max	316.00										211.70	11	
101	404	305	Max	337.50	0.00	21	0.00	13	0.00	13	624.87	21	1269.51	21	-7.59	31
101	404	305	Min.	12.50	0.00	1	0.00	9	0.00	9	-602.19	3	-1586.50	21	-28.49	9
101	404	305	Min.	52.61										176.33	25	
101	404	305	Min.	337.50	0.00	1	0.00	9	0.00	9	-1110.01	3	-1536.44	3	-28.49	9
101	305	106	Max	12.50	0.00	17	0.00	1	0.00	1	965.27	23	1201.88	1	176.22	31
101	305	106	Max	26.27										380.44	9	
101	305	106	Max	416.50	0.00	17	0.00	1	0.00	1	334.02	23	1234.93	23	176.22	31
101	305	106	Min.	12.50	0.00	1	0.00	1	0.00	1	-417.73	1	-1389.65	23	116.24	9
101	305	106	Min.	275.89										190.10	11	
101	305	106	Min.	416.50	0.00	1	0.00	1	0.00	1	-1048.98	1	-1760.89	1	116.24	9
107	101	-120	Max	20.00	0.00	31	0.00	1	0.00	1	4769.56	13	-953.42	27	32.55	17
107	101	-120	Max	105.83	0.00	31	0.00	1	0.00	1	3569.18	13	1405.52	27	32.55	17
107	101	-120	Min.	20.00	0.00	9	0.00	5	0.00	5	3348.47	27	-5175.65	13	-38.82	7
107	101	-120	Min.	105.83	0.00	9	0.00	5	0.00	5	2148.09	27	-1596.94	13	-38.82	7
107	-120	-121	Max	0.00	0.00	31	0.00	1	0.00	1	3569.18	13	1405.52	27	32.55	17
107	-120	-121	Max	122.83	0.00	31	0.00	1	0.00	1	1851.36	13	2989.06	27	32.55	17
107	-120	-121	Min.	0.00	0.00	9	0.00	1	0.00	1	2148.09	27	-1596.94	13	-38.82	7
107	-120	-121	Min.	122.83	0.00	9	0.00	1	0.00	1	430.26	27	1732.17	13	-38.82	7
107	-121	-122	Max	0.00	0.00	9	0.00	1	0.00	5	1851.35	13	2989.06	27	32.55	17
107	-121	-122	Max	30.77										3055.25	27	
107	-121	-122	Max	105.83	0.00	9	0.00	1	0.00	1	371.27	13	2908.32	13	32.55	17
107	-121	-122	Min.	0.00	0.00	31	0.00	5	0.00	1	430.26	27	1732.18	13	-38.82	7
107	-121	-122	Min.	78.51										2820.69	1	
107	-121	-122	Min.	105.83	0.00	31	0.00	5	0.00	5	-1049.82	27	2661.21	27	-38.82	7
107	-122	-123	Max	0.00	0.00	9	0.00	1	0.00	1	371.28	13	2908.32	13	32.55	17
107	-122	-123	Max	26.55										2957.60	13	
107	-122	-123	Max	105.83	0.00	9	0.00	1	0.00	1	-1108.80	13	2518.04	13	32.55	17
107	-122	-123	Min.	0.00	0.00	31	0.00	5	0.00	5	-1049.82	27	2661.21	27	-38.82	7
107	-122	-123	Min.	15.69										2904.72	31	
107	-122	-123	Min.	105.83	0.00	31	0.00	5	0.00	5	-2529.89	27	766.95	27	-38.82	7
107	-123	-124	Max	0.00	0.00	31	0.00	1	0.00	1	-1108.80	13	2518.05	13	32.55	17
107	-123	-124	Max	105.83	0.00	31	0.00	1	0.00	1	-2588.88	13	561.36	13	32.55	17
107	-123	-124	Min.	0.00	0.00	9	0.00	1	0.00	1	-2529.89	27	766.96	27	-38.82	7
107	-123	-124	Min.	105.83	0.00	9	0.00	1	0.00	1	-4009.97	27	-2693.72	27	-38.82	7
107	-124	107	Max	0.00	0.00	11	0.00	1	0.00	1	-2588.89	13	561.35	13	32.55	17
107	-124	107	Max	68.83	0.00	11	0.00	1	0.00	1	-3551.52	13	-1551.98	13	32.55	17
107	-124	107	Min.	0.00	0.00	29	0.00	5	0.00	5	-4009.98	27	-2693.74	27	-38.82	7
107	-124	107	Min.	68.83	0.00	29	0.00	5	0.00	5	-4972.61	27	-5785.25	27	-38.82	7
110	302	-115	Max	20.00	0.00	9	0.00	1	0.00	1	8165.70	13	-4718.30	27	79.14	19
110	302	-115	Max	105.83	0.00	9	0.00	1	0.00	1	6139.18	13	489.20	27	79.14	19
110	302	-115	Min.	20.00	0.00	31	0.00	5	0.00	5	7080.26	27	-7944.81	13	-59.94	5
110	302	-115	Min.	105.83	0.00	31	0.00	5	0.00	5	5053.73	27	-1805.63	13	-59.94	5
110	-115	-116	Max	0.00	0.00	9	0.00	1	0.00	5	6139.18	13	489.20	27	79.14	19
110	-115	-116	Max	122.83	0.00	9	0.00	1	0.00	5	3239.09	13	4915.73	27	79.14	19
110	-115	-116	Min.	0.00	0.00	13	0.00	1	0.00	1	5053.73	27	-1805.63	13	-59.94	5
110	-115	-116	Min.	122.83	0.00	13	0.00	1	0.00	1	2153.64	27	3954.19	13	-59.94	5
110	-116	-117	Max	0.00	0.00	29	0.00	1	0.00	5	3239.08	13	4915.74	27	79.14	19
110	-116	-117	Max	105.57										5938.13	21	
110	-116	-117	Max	105.83	0.00	29	0.00	1	0.00	1	740.35	13	6060.03	15	79.14	19
110	-116	-117	Min.	0.00	0.00	11	0.00	5	0.00	1	2153.63	27	3954.20	13	-59.94	5
110	-116	-117	Min.	93.64										5890.93	9	
110	-116	-117	Min.	105.83	0.00	11	0.00	5	0.00	5	-345.10	27	5872.71	25	-59.94	5
110	-117	-118	Max	0.00	0.00	29	0.00	17	0.00	17	40.36	13	6060.02	15	79.14	19
110	-117	-118	Max	1.74										6060.32	13	
110	-117	-118	Max	105.83	0.00	29	0.00	17	0.00	17	-2458.37	13	4780.45	13	79.14	19
110	-117	-118	Min.	0.00	0.00	11	0.00	5	0.00	5	-1045.09	27	5872.71	25	-59.94	5
110	-117	-118	Min.	0.79										6060.11	15	
110	-117	-118	Min.	105.83	0.00	11	0.00	5	0.00	5	-3543.81	27	3444.46	27	-59.94	5
110	-118	-119	Max	0.00	0.00	27	0.00	5	0.00	1	-3158.36	13	4780.46	13	79.14	19
110	-118	-119	Max	105.83	0.00	27	0.00	5	0.00	5	-5657.08	13	115.62	13	79.14	19
110	-118	-119	Min.	0.00	0.00	13	0.00	1	0.00	1	-4243.80	27	3444.47	27	-59.94	5
110	-118	-119	Min.	105.83	0.00	13	0.00	1	0.00	1	-6742.53	27	-2369.13	27	-59.94	5
110	-119	-155	Max	0.00	0.00	13	0.00	1	0.00	1	-6357.10	13	115.58	13	79.14	19
110	-119	-155	Max	68.83	0.00	13	0.00	1	0.00	1	-7982.25	13	-4819.54	13	79.14	19
110	-119	-155	Min.	0.00	0.00	27	0.00	21	0.00	5	-7442.54	27	-2369.17	27	-59.94	5
110	-119	-155	Min.	68.83	0.00	27	0.00	21	0.00	21	-9067.70	27	-8051.45	27	-59.94	5
112	403	-95	Max	20.00	0.00	29	0.00	1	0.00	17	8209.96	13	-4759.14	27	43.81	17
112	403	-95	Max	105.83	0.00	29	0.00	1	0.00	17	6155.11	13	495.57	27	43.81	17
112	403	-95	Min.	20.00	0.00	11	0.00	5	0.00	5	7149.42	27	-7837.57	13	-57.78	7
112	403	-95	Min.	105.83	0.00	11	0.00	5	0.00	5	5094.57	27	-1672.56	13	-57.78	7
112	-95	-96	Max	0.00	0.00	25	0.00	1	0.00	5	6155.11	13	495.57	27	43.81	17
112	-95	-96	Max	122.83	0.00	25	0.00	1	0.00	5	3214.48	13	4947.36	27	43.81	17
112	-95	-96	Min.	0.00	0.00	15	0.00	17	0.00	1	5094.57	27	-1672.56	13	-57.78	7
112	-95	-96	Min.	122.83	0.00	15	0.00	17	0.00	17	2153.94	27	4081.92	13	-57.78	7
112	-96	-97	Max	0.00	0.00	17	0.00	1	0.00	5	3214.47	13	4947.37	27	43.81	17
112	-96	-97	Max	105.04										5977.99	21	
112	-96	-97	Max	105.83	0.00	17	0.00	1	0.00	1	680.82	13	6144.56	31	43.81	17
112	-96	-97	Min.	0.00	0.00	5	0.00	5	0.00	1	2153.93	27	4081.93	13	-57.78	7

119	-113	-114	Max	0.00	0.00	15	0.00	1	0.00	1	-1105.35	31	2529.86	31	36.58	17
119	-113	-114	Max	105.83	0.00	15	0.00	1	0.00	1	-2585.43	31	576.82	31	36.58	17
119	-113	-114	Min.	0.00	0.00	25	0.00	1	0.00	1	-2508.54	9	821.19	9	-33.25	7
119	-113	-114	Min.	105.83	0.00	25	0.00	1	0.00	1	-3988.62	9	-2616.89	9	-33.25	7
119	-114	112	Max	0.00	0.00	27	0.00	1	0.00	1	-2585.44	31	576.81	31	36.58	17
119	-114	112	Max	68.83	0.00	27	0.00	1	0.00	1	-3548.07	31	-1534.14	31	36.58	17
119	-114	112	Min.	0.00	0.00	13	0.00	5	0.00	5	-3988.62	9	-2616.91	9	-33.25	7
119	-114	112	Min.	68.83	0.00	13	0.00	5	0.00	5	-4951.26	9	-5693.72	9	-33.25	7
207	107	113	Max	0.00	0.00	13	0.00	1	0.00	1	992.82	13	230.18	27	133.65	23
207	107	113	Max	55.89									261.96	27		
207	107	113	Max	397.50	0.00	13	0.00	1	0.00	1	183.95	13	616.22	13	133.65	23
207	107	113	Min.	0.00	0.00	9	0.00	1	0.00	1	113.73	27	-1722.60	13	-55.56	1
207	107	113	Min.	207.89									-18.86	5		
207	107	113	Min.	397.50	0.00	9	0.00	1	0.00	1	-695.15	27	-925.39	27	-55.56	1
207	113	119	Max	12.50	0.00	9	0.00	1	0.00	1	700.69	13	536.63	27	26.75	21
207	113	119	Max	19.82									453.29	11		
207	113	119	Max	397.50	0.00	9	0.00	1	0.00	1	-82.75	13	361.79	13	26.75	21
207	113	119	Min.	12.50	0.00	13	0.00	1	0.00	1	-29.91	27	-827.73	13	0.40	3
207	113	119	Min.	196.11									127.22	23		
207	113	119	Min.	397.50	0.00	13	0.00	1	0.00	1	-813.35	27	-1086.64	27	0.40	3
207	119	125	Max	12.50	0.00	25	0.00	1	0.00	1	757.95	13	60.11	27	7.85	25
207	119	125	Max	191.17									384.92	27		
207	119	125	Max	577.50	0.00	25	0.00	1	0.00	1	-391.77	13	0.01	13	7.85	25
207	119	125	Min.	12.50	0.00	15	0.00	1	0.00	1	363.58	27	-1034.43	13	0.89	15
207	119	125	Min.	298.12									285.18	23		
207	119	125	Min.	577.50	0.00	15	0.00	1	0.00	1	-786.14	27	-1133.62	27	0.89	15
207	125	231	Max	12.50	0.00	11	0.00	1	0.00	1	858.42	13	44.41	27	-4.35	19
207	125	231	Max	434.35									573.63	13		
207	125	231	Max	577.50	0.00	9	0.00	1	0.00	1	-291.30	13	365.12	13	-4.35	19
207	125	231	Min.	12.50	0.00	29	0.00	1	0.00	1	373.44	27	-1236.97	13	-36.66	5
207	125	231	Min.	284.35									320.69	17		
207	125	231	Min.	577.50	0.00	13	0.00	1	0.00	1	-776.28	27	-1093.60	27	-36.66	5
219	112	118	Max	0.00	0.00	5	0.00	1	0.00	1	993.34	31	183.70	9	55.39	21
219	112	118	Max	63.10									224.01	9		
219	112	118	Max	397.50	-0.00	1	0.00	1	0.00	1	188.35	31	618.24	31	55.39	21
219	112	118	Min.	0.00	0.00	17	0.00	1	0.00	1	127.78	9	-1730.39	31	-132.88	3
219	112	118	Min.	213.60									-30.12	17		
219	112	118	Min.	397.50	-0.00	1	0.00	1	0.00	1	-677.21	9	-908.30	9	-132.88	3
219	118	124	Max	12.50	0.00	9	0.00	1	0.00	1	696.46	31	545.70	9	-0.57	23
219	118	124	Max	17.78									461.50	25		
219	118	124	Max	397.50	0.00	9	0.00	1	0.00	1	-83.22	31	359.28	31	-0.57	23
219	118	124	Min.	12.50	0.00	29	0.00	1	0.00	1	-34.55	9	-821.21	31	-26.72	1
219	118	124	Min.	194.64									128.53	3		
219	118	124	Min.	397.50	0.00	29	0.00	1	0.00	1	-814.23	9	-1088.21	9	-26.72	1
219	124	130	Max	12.50	0.00	15	0.00	1	0.00	1	754.49	31	62.31	9	-1.10	29
219	124	130	Max	190.69									383.80	9		
219	124	130	Max	577.50	0.00	15	0.00	1	0.00	1	-389.71	31	0.45	31	-1.10	29
219	124	130	Min.	12.50	0.00	25	0.00	1	0.00	1	360.85	9	-1030.04	31	-7.87	11
219	124	130	Min.	297.88									283.61	3		
219	124	130	Min.	577.50	0.00	25	0.00	1	0.00	1	-783.35	9	-1131.25	9	-7.87	11
219	130	136	Max	12.50	0.00	13	0.00	1	0.00	1	854.36	31	48.18	9	36.68	17
219	130	136	Max	434.38									571.04	31		
219	130	136	Max	577.50	0.00	13	0.00	1	0.00	1	-289.84	31	363.63	31	36.68	17
219	130	136	Min.	12.50	0.00	27	0.00	1	0.00	1	370.18	9	-1231.13	31	4.31	7
219	130	136	Min.	283.94									319.18	5		
219	130	136	Min.	577.50	0.00	27	0.00	1	0.00	1	-774.02	9	-1092.65	9	4.31	7
303	113	-131	Max	12.47	-925.89	17	227.66	15	-136.72	9	1010.72	23	478.81	1	11.70	31
303	113	-131	Max	145.35	-911.38	17	227.66	15	12.99	13	803.59	23	787.13	1	11.70	31
303	113	-131	Min.	12.47	-1396.48	7	75.76	25	-290.52	31	335.58	1	-1135.02	23	-10.84	9
303	113	-131	Min.	145.35	-1381.98	7	75.76	25	-37.01	27	128.45	1	70.46	23	-10.84	9
303	-131	-132	Max	0.00	-909.40	25	31.07	31	-2.08	13	382.50	23	788.78	1	10.63	31
303	-131	-132	Max	95.81									389.62	15		
303	-131	-132	Max	142.35	-893.86	25	31.07	31	40.88	13	160.62	23	456.10	23	10.63	31
303	-131	-132	Min.	0.00	-1319.99	15	26.67	9	-46.36	27	-305.33	1	69.54	23	-11.48	9
303	-131	-132	Min.	84.56									382.04	27		
303	-131	-132	Min.	142.35	-1304.45	15	26.67	9	-7.12	27	-527.20	1	196.24	1	-11.48	9
303	-132	314	Max	0.00	-888.48	27	131.18	27	27.70	13	-256.38	23	455.10	23	9.68	31
303	-132	314	Max	129.88	-874.30	27	131.18	27	149.84	27	-458.81	23	-9.34	23	9.68	31
303	-132	314	Min.	0.00	-1247.04	13	44.71	13	-20.54	27	-957.13	1	198.10	1	-12.39	9
303	-132	314	Min.	129.88	-1232.86	13	44.71	13	85.77	13	-1159.57	1	-1176.47	1	-12.39	9
303	314	-147	Max	12.47	-811.29	17	122.84	31	-46.89	9	787.91	21	4.52	3	8.39	27
303	314	-147	Max	158.80									171.41	3		
303	314	-147	Max	175.93	-793.45	17	122.84	31	46.90	13	533.13	21	178.25	7	8.39	27
303	314	-147	Min.	12.47	-1301.65	7	26.20	9	-155.35	31	228.09	3	-902.58	21	-10.12	13
303	314	-147	Min.	163.14									169.26	17		
303	314	-147	Min.	175.93	-1283.80	7	26.20	9	-5.52	27	-26.69	3	167.99	17	-10.12	13
303	-147	415	Max	0.00	-806.90	25	70.73	27	31.76	13	30.06	21	176.95	7	7.65	27
303	-147	415	Max	14.97									178.69	7		
303	-147	415	Max	162.46	-789.17	25	70.73	27	98.83	27	-223.16	21	18.88	21	7.65	27
303	-147	415	Min.	0.00	-1195.97	15	27.60	13	-16.07	27	-546.49	3	169.36	17	-11.18	13
303	-147	415	Min.	17.38									178.56	5		
303	-147	415	Min.	162.46	-1178.24	15	27.60	13	76.61	13	-799.71	3	-922.93	3	-11.18	13
303	415	-10	Max	12.47	-887.01	25	200.94	31	-9.51	9	1052.41	23	-213.43	1	-1.43	27
303	415	-10	Max	221.04	-864.24	25	200.94	31	272.38	31	727.32	23	804.81	23	-1.43	27
303	415	-10	Min.	12.47	-1309.94	15	40.16	9	-146.73	31	568.43	1	-1051.19	23	-139.09	13
303	415	-10	Min.	221.04	-1287.17	15	40.16	9	74.25	9	243.33	1	633.11	1	-139.09	13
303	-10	416	Max	0.00	-854.32	27	-106.04	27	331.61	13	-239.75	21	800.63	3	136.60	31
303	-10	416	Max	208.57	-877.09	27	-106.04	27	-88.00	27	-564.85	21	-210.14	21	136.60	31
303	-10	416	Min.	0.00	-1277.25	13	-267.03	13	133.18	27	-723.75	3	628.95	21	-0.98	9
303	-10	416	Min.	208.57	-1300.02	13	-267.03	13	-225.35	13	-1048.84	3	-1047.92	3	-0.98	9

303	416	-149	Max	12.47	-772.20	11	1.47	31	52.37	9	801.05	23	17.39	1	12.19	31
303	416	-149	Max	160.19					17.43	19			177.75	19		
303	416	-149	Max	174.93	-789.93	11	1.47	31	32.78	31	547.83	23	176.06	19	12.19	31
303	416	-149	Min.	12.47	-1161.03	29	-40.99	9	30.39	31	223.55	1	-925.47	23	-6.61	9
303	416	-149	Min.	157.81					6.17	17			177.63	17		
303	416	-149	Min.	174.93	-1178.76	29	-40.99	9	-14.22	9	-29.67	1	169.02	5	-6.61	9
303	-149	317	Max	0.00	-776.65	5	-6.04	27	44.70	31	28.05	23	177.39	19	11.36	31
303	-149	317	Max	17.99					16.09	23			171.33	23		
303	-149	317	Max	163.46	-794.49	5	-6.04	27	-15.56	27	-226.74	23	6.41	23	11.36	31
303	-149	317	Min.	0.00	-1266.73	19	-102.20	13	-6.89	9	-532.74	1	167.69	5	-7.13	9
303	-149	317	Min.	13.68					6.77	5			169.14	5		
303	-149	317	Min.	163.46	-1284.57	19	-102.20	13	-123.56	13	-787.52	1	-902.78	1	-7.13	9
303	317	-151	Max	12.47	-851.00	9	-55.62	31	166.60	9	1153.62	21	-5.98	3	11.64	27
303	317	-151	Max	145.35	-865.51	9	-55.62	31	27.27	31	946.49	21	457.83	19	11.64	27
303	317	-151	Min.	12.47	-1209.76	31	-142.28	9	101.19	31	452.59	3	-1174.60	21	-9.86	13
303	317	-151	Min.	145.35	-1224.27	31	-142.28	9	-22.47	9	245.46	3	220.77	5	-9.86	13
303	-151	-152	Max	0.00	-870.46	11	-40.65	27	40.46	31	512.52	21	458.97	3	10.73	27
303	-151	-152	Max	37.11					23.43	29			392.97	29		
303	-151	-152	Max	142.35	-886.00	11	-40.65	27	-23.15	31	290.65	21	790.60	21	10.73	27
303	-151	-152	Min.	0.00	-1283.27	29	-46.71	13	-9.16	9	-175.45	3	218.95	21	-10.80	13
303	-151	-152	Min.	48.25					-29.76	9			384.37	9		
303	-151	-152	Min.	142.35	-1298.81	29	-46.71	13	-69.92	9	-397.32	3	51.31	3	-10.80	13
303	-152	118	Max	0.00	-886.64	5	-31.52	9	-8.06	31	-139.12	21	788.99	21	10.09	27
303	-152	118	Max	129.88	-900.82	5	-31.52	9	-101.39	11	-341.56	21	476.84	21	10.09	27
303	-152	118	Min.	0.00	-1360.01	19	-194.32	31	-60.47	9	-814.54	3	52.15	3	-11.88	13
303	-152	118	Min.	129.88	-1374.19	19	-194.32	31	-260.45	29	-1016.98	3	-1137.22	3	-11.88	13
304	119	-129	Max	12.47	-1242.72	3	199.04	31	-103.74	9	1085.35	7	358.80	17	35.64	27
304	119	-129	Max	145.35	-1228.22	3	199.04	31	-6.22	13	878.22	7	838.31	17	35.64	27
304	119	-129	Min.	12.47	-1983.87	21	29.03	9	-273.02	31	464.40	17	-1137.14	7	-35.96	13
304	119	-129	Min.	145.35	-1969.36	21	29.03	9	-67.46	27	257.28	17	167.51	7	-35.96	13
304	-129	-130	Max	0.00	-1297.43	3	64.39	31	-24.02	13	354.28	7	838.26	17	34.91	27
304	-129	-130	Max	79.51					-35.81	27			459.98	27		
304	-129	-130	Max	142.35	-1281.89	3	64.39	31	65.40	13	132.41	7	513.96	5	34.91	27
304	-129	-130	Min.	0.00	-1828.50	21	51.26	9	-77.81	27	-281.35	17	167.49	7	-37.21	13
304	-129	-130	Min.	87.29					30.40	15			457.04	15		
304	-129	-130	Min.	142.35	-1812.96	21	51.26	9	-2.61	27	-503.23	17	279.76	19	-37.21	13
304	-130	320	Max	0.00	-1353.46	3	135.84	27	49.92	13	-386.51	5	513.96	5	33.85	27
304	-130	320	Max	129.88	-1339.28	3	135.84	27	158.68	27	-588.95	5	-119.49	5	33.85	27
304	-130	320	Min.	0.00	-1670.43	21	21.17	13	-17.75	27	-1037.13	19	279.73	19	-38.29	13
304	-130	320	Min.	129.88	-1656.25	21	21.17	13	77.41	13	-1239.57	19	-1198.74	19	-38.29	13
304	320	-137	Max	12.47	-1268.94	3	145.84	31	-27.59	9	809.29	7	-88.91	17	9.10	27
304	320	-137	Max	175.93	-1251.10	3	145.84	31	59.16	15	554.51	7	197.29	7	9.10	27
304	320	-137	Min.	12.47	-1868.10	21	4.63	9	-180.28	31	294.12	17	-917.35	7	-7.95	13
304	320	-137	Min.	175.93	-1850.25	21	4.63	9	-21.06	25	39.34	17	183.63	17	-7.95	13
304	-137	421	Max	0.00	-1346.30	3	89.38	25	41.57	13	-69.48	7	197.30	7	8.39	27
304	-137	421	Max	162.46	-1328.56	3	89.38	25	114.08	25	-322.70	7	-121.26	7	8.39	27
304	-137	421	Min.	0.00	-1669.09	21	25.78	15	-31.15	27	-603.99	17	183.63	17	-9.18	13
304	-137	421	Min.	162.46	-1651.36	21	25.78	15	83.43	15	-857.21	17	-1003.29	17	-9.18	13
304	421	-11	Max	12.47	-1546.74	19	218.44	31	7.98	9	1181.92	5	-416.55	19	17.05	27
304	421	-11	Max	221.04	-1523.97	19	218.44	31	294.17	31	856.82	5	975.90	27	17.05	27
304	421	-11	Min.	12.47	-1889.09	5	12.93	9	-161.43	31	814.82	19	-1163.17	5	-98.55	13
304	421	-11	Min.	221.04	-1866.32	5	12.93	9	34.96	9	489.73	19	930.93	13	-98.55	13
304	-11	422	Max	0.00	-1518.68	7	-62.85	27	334.61	13	-489.50	7	975.67	9	97.34	31
304	-11	422	Max	208.57	-1541.45	7	-62.85	27	-55.82	27	-814.60	7	-416.32	7	97.34	31
304	-11	422	Min.	0.00	-1861.14	17	-268.50	13	75.27	27	-856.66	17	930.70	31	-18.22	9
304	-11	422	Min.	208.57	-1883.91	17	-268.50	13	-225.40	13	-1181.75	17	-1163.06	17	-18.22	9
304	422	-140	Max	12.47	-1320.42	23	-0.60	29	71.06	11	857.29	5	-121.14	19	9.87	31
304	422	-140	Max	174.93	-1338.15	23	-0.60	29	39.53	29	604.07	5	197.63	19	9.87	31
304	422	-140	Min.	12.47	-1643.21	1	-63.95	11	40.50	29	322.82	19	-1003.04	5	-7.62	9
304	422	-140	Min.	174.93	-1660.95	1	-63.95	11	-32.83	11	69.61	19	184.01	5	-7.62	9
304	-140	323	Max	0.00	-1243.25	23	17.15	27	54.41	29	-39.24	5	197.62	19	8.83	31
304	-140	323	Max	163.46	-1261.09	23	17.15	27	3.50	27	-294.02	5	-88.35	5	8.83	31
304	-140	323	Min.	0.00	-1842.40	1	-123.85	13	-25.47	11	-554.36	19	184.02	5	-8.14	9
304	-140	323	Min.	163.46	-1860.25	1	-123.85	13	-148.98	13	-809.15	19	-916.78	19	-8.14	9
304	323	-145	Max	12.47	-1332.97	23	-30.55	31	170.29	9	1232.65	7	-117.79	17	38.42	31
304	323	-145	Max	145.35	-1347.47	23	-30.55	31	48.02	31	1025.53	7	518.11	17	38.42	31
304	323	-145	Min.	12.47	-1651.74	1	-144.94	9	88.62	31	582.10	17	-1197.26	7	-33.43	9
304	323	-145	Min.	145.35	-1666.25	1	-144.94	9	-22.31	9	374.97	17	303.14	7	-33.43	9
304	-145	-146	Max	0.00	-1275.20	23	-54.60	27	63.63	31	486.67	7	518.11	17	37.33	31
304	-145	-146	Max	52.20					-36.54	9			461.63	9		
304	-145	-146	Max	142.35	-1290.74	23	-54.60	27	-34.35	31	264.80	7	838.03	7	37.33	31
304	-145	-146	Min.	0.00	-1810.00	1	-70.63	13	-7.10	9	-148.75	17	303.18	7	-34.50	9
304	-145	-146	Min.	44.66					32.38	29			459.64	29		
304	-145	-146	Min.	142.35	-1825.54	1	-70.63	13	-87.38	9	-370.63	17	148.45	17	-34.50	9
304	-146	124	Max	0.00	-1222.36	23	-5.76	9	-17.28	31	-268.88	7	838.06	7	36.14	31
304	-146	124	Max	129.88	-1236.54	23	-5.76	9	-84.03	27	-471.32	7	357.38	7	36.14	31
304	-146	124	Min.	0.00	-1965.11	1	-182.53	31	-77.96	9	-889.75	17	148.49	17	-35.16	9
304	-146	124	Min.	129.88	-1979.29	1	-182.53	31	-255.75	13	-1092.19	17	-1138.56	17	-35.16	9
305	125	-127	Max	12.47	-1370.61	1	190.27	31	-79.24	9	1190.53	7	313.46	17	43.16	27
305	125	-127	Max	145.35	-1356.10	1	190.27	31	-6.73	13	983.41	7	915.57	17	43.16	27
305	125	-127	Min.	12.47	-2514.45	23	1.07	9	-262.68	31	556.67	17	-1227.98	7	-33.04	13
305	125	-127	Min.	145.35	-2499.94	23	1.07	9	-80.92	27	349.54	17	216.45	7	-33.04	13
305	-127	-128	Max	0.00	-1431.23	1	66.28	31	-22.60	13	356.95	7	915.32	17	42.51	27
305	-127	-128	Max	68.62					-49.70	27			522.16	27		
305	-127	-128	Max	142.35	-1415.69	1	66.28	31	68.46	13	135.07	7	566.67	5	42.51	27
305	-127	-128	Min.	0.00	-2336.47	23	56.68	9	-90.18	27	-293.62	17	2			

305	-128	326	Min.	0.00	-2155.51	23	-6.24	13	-20.74	27	-1153.08	17	339.51	19	-35.09	13
305	-128	326	Min.	129.88	-2141.33	23	-6.24	13	46.94	13	-1355.52	17	-1289.45	19	-35.09	13
305	326	-136	Max	12.47	-1449.31	1	132.48	31	-4.20	9	858.37	5	-156.78	19	11.81	27
305	326	-136	Max	175.93	-1431.47	1	132.48	31	61.54	13	603.58	5	227.03	5	11.81	27
305	326	-136	Min.	12.47	-2261.63	23	-11.92	9	-156.67	31	352.85	19	-967.82	5	-7.91	13
305	326	-136	Min.	175.93	-2243.79	23	-11.92	9	-25.34	27	98.06	19	211.75	19	-7.91	13
305	-136	427	Max	0.00	-1535.80	1	81.29	25	46.90	13	-141.07	5	227.05	5	11.24	27
305	-136	427	Max	162.46	-1518.06	1	81.29	25	98.89	25	-394.30	5	-207.82	5	11.24	27
305	-136	427	Min.	0.00	-2034.80	23	5.37	15	-33.47	27	-668.55	19	211.59	19	-8.94	13
305	-136	427	Min.	162.46	-2017.06	23	5.37	15	55.33	15	-921.77	19	-1080.22	19	-8.94	13
305	427	-12	Max	12.47	-1812.75	17	175.51	31	31.94	9	1333.19	7	-560.52	17	36.28	27
305	427	-12	Max	221.04	-1789.98	17	175.51	31	247.99	31	1008.10	7	1159.30	29	36.28	27
305	427	-12	Min.	12.47	-2203.59	7	-8.11	9	-118.07	31	978.38	17	-1297.89	7	-100.79	13
305	427	-12	Min.	221.04	-2180.82	7	-8.11	9	15.02	9	653.28	17	1125.49	11	-100.79	13
305	-12	428	Max	0.00	-1790.47	5	-36.30	27	283.20	13	-653.45	5	1159.37	15	99.51	31
305	-12	428	Max	208.57	-1813.24	5	-36.30	27	-25.63	27	-978.54	5	-560.82	5	99.51	31
305	-12	428	Min.	0.00	-2181.46	19	-220.09	13	50.09	27	-1008.09	19	1125.53	25	-37.53	9
305	-12	428	Min.	208.57	-2204.23	19	-220.09	13	-175.84	13	-1333.19	19	-1297.83	19	-37.53	9
305	428	-139	Max	12.47	-1518.83	21	15.95	29	60.22	11	922.51	7	-208.22	17	9.63	31
305	428	-139	Max	174.93	-1536.57	21	15.95	29	42.79	31	669.29	7	227.44	17	9.63	31
305	428	-139	Min.	12.47	-2018.31	3	-59.89	11	16.62	29	394.78	17	-1081.03	7	-10.48	9
305	428	-139	Min.	174.93	-2036.04	3	-59.89	11	-37.33	9	141.56	17	211.98	7	-10.48	9
305	-139	329	Max	0.00	-1432.27	21	32.91	27	55.03	31	-97.32	7	227.42	17	8.77	31
305	-139	329	Max	163.46	-1450.11	21	32.91	27	23.80	27	-352.11	7	-155.18	7	8.77	31
305	-139	329	Min.	0.00	-2245.07	3	-111.27	13	-31.58	9	-603.10	17	212.14	7	-10.89	9
305	-139	329	Min.	163.46	-2262.91	3	-111.27	13	-128.42	13	-857.88	17	-966.64	17	-10.89	9
305	329	-143	Max	12.47	-1478.52	21	-0.92	31	161.07	9	1347.61	7	-193.62	17	35.10	31
305	329	-143	Max	145.35	-1493.02	21	-0.92	31	54.61	31	1140.48	7	572.45	17	35.10	31
305	329	-143	Min.	12.47	-2143.71	3	-139.44	9	55.83	31	680.05	17	-1288.41	7	-41.30	9
305	329	-143	Min.	145.35	-2158.21	3	-139.44	9	-24.23	9	472.93	17	364.75	7	-41.30	9
305	-143	-144	Max	0.00	-1414.42	21	-56.76	27	67.94	31	497.07	7	572.18	17	34.17	31
305	-143	-144	Max	61.67					-46.30	9			522.67	9		
305	-143	-144	Max	142.35	-1429.96	21	-56.76	27	-28.43	31	275.19	7	914.12	7	34.17	31
305	-143	-144	Min.	0.00	-2325.09	3	-69.96	13	-9.90	9	-153.28	17	364.48	7	-42.31	9
305	-143	-144	Min.	40.32					40.19	29			515.33	29		
305	-143	-144	Min.	142.35	-2340.63	3	-69.96	13	-93.92	9	-375.16	17	196.07	17	-42.31	9
305	-144	130	Max	0.00	-1355.65	21	11.80	11	-13.10	31	-362.14	7	914.37	7	33.10	31
305	-144	130	Max	129.88	-1369.82	21	11.80	11	-67.40	27	-564.58	7	312.56	7	33.10	31
305	-144	130	Min.	0.00	-2502.53	3	-182.60	29	-85.37	9	-995.94	17	196.27	17	-42.90	9
305	-144	130	Min.	129.88	-2516.71	3	-182.60	29	-252.91	13	-1198.38	17	-1228.70	17	-42.90	9
306	231	-125	Max	12.47	40.75	5	115.32	31	-58.48	9	1004.69	7	635.89	17	68.79	27
306	231	-125	Max	131.61					-66.02	17			746.52	17		
306	231	-125	Max	145.35	55.25	5	115.32	31	-22.42	13	797.56	7	745.05	17	68.79	27
306	231	-125	Min.	12.47	-1671.87	19	-17.84	9	-178.41	31	185.71	17	-1266.86	7	13.60	13
306	231	-125	Min.	134.99					-51.08	19			740.93	19		
306	231	-125	Min.	145.35	-1657.37	19	-17.84	9	-84.93	27	-21.42	17	-69.39	7	13.60	13
306	-125	-126	Max	0.00	150.91	5	67.37	31	-29.05	13	485.29	7	745.25	17	68.48	27
306	-125	-126	Max	0.84					-28.50	13			406.62	13		
306	-125	-126	Max	142.35	166.45	5	67.37	31	63.98	13	263.41	7	463.60	7	68.48	27
306	-125	-126	Min.	0.00	-1712.47	19	53.71	9	-89.32	27	-344.21	17	-69.27	7	13.13	13
306	-125	-126	Min.	89.67					-39.36	27			332.02	27		
306	-125	-126	Min.	142.35	-1696.93	19	53.71	9	-10.00	27	-566.09	17	97.35	17	13.13	13
306	-126	332	Max	0.00	263.00	5	106.25	27	58.63	13	-45.88	7	463.36	7	67.99	27
306	-126	332	Max	129.88	277.18	5	106.25	27	120.99	27	-248.32	7	272.31	7	67.99	27
306	-126	332	Min.	0.00	-1753.80	19	-49.28	13	-17.00	27	-886.14	17	97.15	17	12.76	13
306	-126	332	Min.	129.88	-1739.62	19	-49.28	13	-5.38	13	-1088.58	17	-1185.22	17	12.76	13
306	332	-135	Max	12.47	-472.81	5	83.15	29	33.61	9	814.75	7	329.49	19	62.40	27
306	332	-135	Max	23.78					-44.99	19			330.49	19		
306	332	-135	Max	175.93	-454.96	5	83.15	29	43.54	13	559.97	7	151.37	13	62.40	27
306	332	-135	Min.	12.47	-1054.03	19	-41.63	11	-94.46	31	15.45	17	-982.98	5	23.98	13
306	332	-135	Min.	64.60					-8.10	1			243.03	1		
306	332	-135	Min.	175.93	-1036.19	19	-41.63	11	-36.52	27	-239.33	17	135.73	27	23.98	13
306	-135	433	Max	0.00	-330.70	5	90.50	27	38.15	13	189.00	7	151.45	13	62.17	27
306	-135	433	Max	121.26					55.91	7			255.39	7		
306	-135	433	Max	162.46	-312.96	5	90.50	27	107.30	27	-64.22	7	242.16	7	62.17	27
306	-135	433	Min.	0.00	-1110.71	19	1.94	13	-39.73	27	-624.18	17	135.79	27	23.61	13
306	-135	433	Min.	77.65					36.65	21			183.86	21		
306	-135	433	Min.	162.46	-1092.98	19	1.94	13	41.31	13	-877.40	17	-1073.29	17	23.61	13
306	433	-13	Max	12.47	-689.81	17	38.41	29	85.27	11	911.10	5	43.35	19	217.72	27
306	433	-13	Max	221.04	-667.04	17	38.41	29	63.81	29	586.00	5	555.68	11	217.72	27
306	433	-13	Min.	12.47	-961.51	7	-98.20	11	-16.30	29	384.37	19	-1027.47	5	48.62	13
306	433	-13	Min.	221.04	-938.74	7	-98.20	11	-119.55	11	59.28	19	484.12	29	48.62	13
306	-13	434	Max	0.00	-660.62	5	65.94	25	82.95	15	-58.56	7	555.65	25	-52.27	31
306	-13	434	Max	208.57	-683.39	5	65.94	25	37.07	25	-383.65	7	44.81	7	-52.27	31
306	-13	434	Min.	0.00	-932.37	19	-70.79	15	-100.47	25	-585.67	17	484.06	15	-221.26	9
306	-13	434	Min.	208.57	-955.14	19	-70.79	15	-64.70	15	-910.77	17	-1026.82	17	-221.26	9
306	434	-138	Max	12.47	-303.85	17	17.81	31	70.50	9	877.91	5	240.57	19	-21.57	31
306	434	-138	Max	54.38					27.09	19			254.25	19		
306	434	-138	Max	174.93	-321.58	17	17.81	31	33.35	31	624.69	5	151.65	31	-21.57	31
306	434	-138	Min.	12.47	-1084.87	7	-70.69	9	4.42	31	65.32	19	-1073.90	5	-59.99	9
306	434	-138	Min.	97.60					16.49	1			183.67	1		
306	434	-138	Min.	174.93	-1102.60	7	-70.69	9	-44.35	9	-187.90	19	135.99	9	-59.99	9
306	-138	335	Max	0.00	-446.24	17	59.33	25	37.59	31	239.86	5	151.57	31	-21.86	31
306	-138	335	Max	152.88					-23.74	7			332.43	7		
306	-138	335	Max	163.46	-464.08	17	59.33	25	56.79	27	-14.92	5	331.56	7	-21.86	31
306	-138	335	Min.	0.00	-1028.47	7	-65.13	15	-42.26	9	-558.84	19	135.93	9	-60.14	9
306	-138	335	Min.</													

306	335	-141	Min.	12.47	-1736.96	7	-114.22	9	5.97	31	245.40	19	-1185.10	5	-67.83	9
306	335	-141	Min.	145.35	-1751.47	7	-114.22	9	-19.94	9	38.28	19	118.92	5	-67.83	9
306	-141	-142	Max	0.00	168.72	17	-53.01	27	64.05	31	554.77	5	459.98	19	-13.23	31
306	-141	-142	Max	135.20					-28.28	31			403.74	31		
306	-141	-142	Max	142.35	153.19	17	-53.01	27	-33.16	31	332.90	5	750.89	5	-13.23	31
306	-141	-142	Min.	0.00	-1694.13	7	-70.21	13	-13.07	9	-273.84	19	119.11	5	-68.31	9
306	-141	-142	Min.	45.04					-37.81	9			333.61	9		
306	-141	-142	Min.	142.35	-1709.67	7	-70.21	13	-91.26	9	-495.72	19	-87.74	19	-68.31	9
306	-142	136	Max	0.00	58.40	17	26.60	27	-26.76	31	13.04	5	750.69	5	-13.68	31
306	-142	136	Max	8.37					-66.71	5			751.24	5		
306	-142	136	Max	129.88	44.23	17	26.60	27	-49.64	27	-189.40	5	636.17	5	-13.68	31
306	-142	136	Min.	0.00	-1655.23	7	-108.53	13	-87.20	9	-805.16	19	-87.88	19	-68.60	9
306	-142	136	Min.	5.40					-50.97	7			746.46	7		
306	-142	136	Min.	129.88	-1669.41	7	-108.53	13	-170.73	13	-1007.60	19	-1265.07	19	-68.60	9
308	-133	-131	Max	0.00	291.54	11	-1.09	25	2.46	15	214.31	1	0.00	1	1.00	23
308	-133	-131	Max	205.00					-1.44	1			219.67	1		
308	-133	-131	Max	410.00	291.54	11	-1.09	25	-3.53	9	-214.31	1	0.00	1	1.00	23
308	-133	-131	Min.	0.00	111.36	29	-2.08	15	0.94	25	214.31	1	0.00	1	-1.54	1
308	-133	-131	Min.	205.00					-1.44	1			219.67	1		
308	-133	-131	Min.	410.00	111.36	29	-2.08	15	-6.06	31	-214.31	1	0.00	1	-1.54	1
308	-131	-129	Max	0.00	151.70	27	-2.69	9	9.30	31	214.31	1	0.00	1	0.13	9
308	-131	-129	Max	205.00					0.03	1			219.67	1		
308	-131	-129	Max	410.00	151.70	27	-2.69	9	-5.45	9	-214.31	1	0.00	1	0.13	9
308	-131	-129	Min.	0.00	5.52	13	-4.56	31	5.59	9	214.31	1	0.00	1	0.05	31
308	-131	-129	Min.	205.00					0.03	1			219.67	1		
308	-131	-129	Min.	410.00	5.52	13	-4.56	31	-9.40	31	-214.31	1	0.00	1	0.05	31
308	-129	-127	Max	0.00	69.86	27	-1.59	9	8.61	31	318.17	1	0.00	1	0.06	1
308	-129	-127	Max	295.00					0.07	1			469.31	1		
308	-129	-127	Max	590.00	69.86	27	-1.59	9	-4.61	9	-318.17	1	0.00	1	0.06	1
308	-129	-127	Min.	0.00	-25.06	13	-2.90	31	4.75	9	318.17	1	0.00	1	0.05	23
308	-129	-127	Min.	295.00					0.07	1			469.31	1		
308	-129	-127	Min.	590.00	-25.06	13	-2.90	31	-8.51	31	-318.17	1	0.00	1	0.05	23
308	-127	-125	Max	0.00	7.49	27	-1.45	9	7.69	31	318.17	1	0.00	1	-0.12	15
308	-127	-125	Max	295.00					0.23	1			469.31	1		
308	-127	-125	Max	590.00	7.49	27	-1.45	9	-4.17	9	-318.17	1	0.00	1	-0.12	15
308	-127	-125	Min.	0.00	-31.09	13	-2.47	31	4.39	9	318.17	1	0.00	1	-0.20	25
308	-127	-125	Min.	295.00					0.23	1			469.31	1		
308	-127	-125	Min.	590.00	-31.09	13	-2.47	31	-6.88	31	-318.17	1	0.00	1	-0.20	25
309	-134	-132	Max	0.00	98.02	9	-1.95	3	3.60	21	212.31	1	0.00	1	0.92	23
309	-134	-132	Max	205.00					-1.09	1			217.62	1		
309	-134	-132	Max	410.00	98.02	9	-1.95	3	-5.12	3	-212.31	1	0.00	1	0.92	23
309	-134	-132	Min.	0.00	-197.47	31	-2.30	21	2.87	3	212.31	1	0.00	1	-1.86	1
309	-134	-132	Min.	205.00					-1.09	1			217.62	1		
309	-134	-132	Min.	410.00	-197.47	31	-2.30	21	-5.83	21	-212.31	1	0.00	1	-1.86	1
309	-132	-130	Max	0.00	106.01	9	-3.74	9	8.08	31	212.31	1	0.00	1	0.01	9
309	-132	-130	Max	205.00					-0.06	1			217.62	1		
309	-132	-130	Max	410.00	106.01	9	-3.74	9	-7.72	9	-212.31	1	0.00	1	0.01	9
309	-132	-130	Min.	0.00	-87.32	31	-3.98	31	7.63	9	212.31	1	0.00	1	-0.09	31
309	-132	-130	Min.	205.00					-0.06	1			217.62	1		
309	-132	-130	Min.	410.00	-87.32	31	-3.98	31	-8.25	31	-212.31	1	0.00	1	-0.09	31
309	-130	-128	Max	0.00	79.75	9	-2.42	1	7.56	31	315.29	1	0.00	1	-0.04	11
309	-130	-128	Max	295.00					0.03	1			465.05	1		
309	-130	-128	Max	590.00	79.75	9	-2.42	1	-7.12	1	-315.29	1	0.00	1	-0.04	11
309	-130	-128	Min.	0.00	-19.69	31	-2.54	23	7.17	9	315.29	1	0.00	1	-0.07	29
309	-130	-128	Min.	295.00					0.03	1			465.05	1		
309	-130	-128	Min.	590.00	-19.69	31	-2.54	23	-7.47	23	-315.29	1	0.00	1	-0.07	29
309	-128	-126	Max	0.00	37.71	13	-1.96	13	7.21	27	315.29	1	0.00	1	0.26	15
309	-128	-126	Max	295.00					0.24	1			465.05	1		
309	-128	-126	Max	590.00	37.71	13	-1.96	13	-5.37	13	-315.29	1	0.00	1	0.26	15
309	-128	-126	Min.	0.00	26.40	27	-2.41	27	6.22	13	315.29	1	0.00	1	0.17	25
309	-128	-126	Min.	295.00					0.24	1			465.05	1		
309	-128	-126	Min.	590.00	26.40	27	-2.41	27	-7.02	27	-315.29	1	0.00	1	0.17	25
310	308	314	Max	0.00	490.16	9	-27.68	9	44.96	31	516.13	1	0.00	1	61.45	23
310	308	314	Max	198.75					-24.19	1			512.91	1		
310	308	314	Max	397.50	490.16	9	-27.68	9	-78.90	9	-516.13	1	0.00	1	61.45	23
310	308	314	Min.	0.00	-194.15	31	-34.62	31	31.12	9	516.13	1	0.00	1	-101.18	1
310	308	314	Min.	198.75					-24.19	1			512.91	1		
310	308	314	Min.	397.50	-194.15	31	-34.62	31	-92.64	31	-516.13	1	0.00	1	-101.18	1
310	314	320	Max	12.50	317.67	9	-56.85	25	139.38	15	734.07	13	315.33	27	-0.68	21
310	314	320	Max	86.28					69.51	27			386.01	27		
310	314	320	Max	397.50	317.67	9	-56.85	25	-107.44	27	-265.73	13	81.65	13	-0.68	21
310	314	320	Min.	12.50	-226.13	31	-73.36	15	111.39	25	191.59	27	-819.90	13	-10.40	3
310	314	320	Min.	222.86					-12.58	19			147.53	19		
310	314	320	Min.	397.50	-226.13	31	-73.36	15	-143.10	13	-808.21	27	-871.66	27	-10.40	3
310	320	326	Max	12.50	129.81	9	-26.42	25	101.93	15	835.92	13	-343.52	27	-0.25	21
310	320	326	Max	334.39					-15.25	13			394.36	13		
310	320	326	Max	577.50	129.81	9	-26.42	25	-75.81	25	-631.33	13	-373.06	13	-0.25	21
310	320	326	Min.	12.50	-240.93	31	-36.43	15	73.49	25	615.68	27	-951.01	13	-5.21	3
310	320	326	Min.	284.12					2.29	1			367.00	1		
310	320	326	Min.	577.50	-240.93	31	-36.43	15	-103.93	15	-851.57	27	-1009.90	27	-5.21	3
310	326	332	Max	12.50	-88.22	9	-26.15	11	88.90	29	1002.51	13	-427.66	27	28.20	19
310	326	332	Max	398.54					-24.90	13			641.62	13		
310	326	332	Max	577.50	-88.21	9	-26.15	11	-73.02	5	-464.74	13	225.78	13	28.20	19
310	326	332	Min.	12.50	-166.47	31	-29.61	29	73.69	11	656.75	27	-1293.43	13	-8.27	5
310	326	332	Min.	265.40					7.40	27			402.79	27		
310	326	332	Min.	577.50	-166.47	31	-29.61	29	-79.39	19	-810.50	27	-862.01	27	-8.27	5
311	-148	-147	Max	0.00	177.92	9	-1.81	9	4.01	31	256.39	1	0.00	1	1.35	21
311	-148	-147	Max	205.00					-0.98	1			262.80	1		
311	-148	-147	Max	410.00	177.92	9	-1.81	9	-4.53	9	-256.39	1	0.00	1	1.35	21
311	-148	-147	Min.	0.00	-108.94	31	-2.60	31	2.90	9	256.39	1	0.00	1	-1.42	3

311	-148	-147	Min.	205.00					-0.98	1			262.80	1		
311	-148	-147	Min.	410.00	-108.94	31	-2.60	31	-6.63	31	-256.39	1	0.00	1	-1.42	3
311	-147	-137	Max	0.00	97.47	9	-2.65	9	9.07	31	256.39	1	0.00	1	0.02	3
311	-147	-137	Max	205.00					-0.01	1			262.80	1		
311	-147	-137	Max	410.00	97.47	9	-2.65	9	-5.34	9	-256.39	1	0.00	1	0.02	3
311	-147	-137	Min.	0.00	-79.19	31	-4.49	31	5.52	9	256.39	1	0.00	1	-0.02	21
311	-147	-137	Min.	205.00					-0.01	1			262.80	1		
311	-147	-137	Min.	410.00	-79.19	31	-4.49	31	-9.35	31	-256.39	1	0.00	1	-0.02	21
311	-137	-136	Max	0.00	41.12	9	-1.51	9	8.53	31	378.72	1	0.00	1	0.02	1
311	-137	-136	Max	295.00					0.09	1			558.62	1		
311	-137	-136	Max	590.00	41.12	9	-1.51	9	-4.36	9	-378.72	1	0.00	1	0.02	1
311	-137	-136	Min.	0.00	-58.15	31	-2.85	31	4.52	9	378.72	1	0.00	1	-0.01	23
311	-137	-136	Min.	295.00					0.09	1			558.62	1		
311	-137	-136	Min.	590.00	-58.15	31	-2.85	31	-8.29	31	-378.72	1	0.00	1	-0.01	23
311	-136	-135	Max	0.00	-17.16	3	-1.11	11	6.66	29	378.72	1	0.00	1	0.02	7
311	-136	-135	Max	295.00					0.35	1			558.62	1		
311	-136	-135	Max	590.00	-17.16	3	-1.11	11	-3.06	11	-378.72	1	0.00	1	0.02	7
311	-136	-135	Min.	0.00	-33.76	21	-2.07	29	3.50	11	378.72	1	0.00	1	-0.16	17
311	-136	-135	Min.	295.00					0.35	1			558.62	1		
311	-136	-135	Min.	590.00	-33.76	21	-2.07	29	-5.56	29	-378.72	1	0.00	1	-0.16	17
312	409	415	Max	0.00	702.31	9	-1.90	9	32.47	31	566.32	1	0.00	1	114.50	23
312	409	415	Max	198.75					-29.67	1			562.78	1		
312	409	415	Max	397.50	702.31	9	-1.90	9	-32.85	9	-566.32	1	0.00	1	114.50	23
312	409	415	Min.	0.00	-417.35	31	-30.85	31	-25.28	9	566.32	1	0.00	1	-39.65	1
312	409	415	Min.	198.75					-29.67	1			562.78	1		
312	409	415	Min.	397.50	-417.35	31	-30.85	31	-90.17	31	-566.32	1	0.00	1	-39.65	1
312	415	421	Max	12.50	512.86	9	-36.58	9	142.93	31	749.44	13	212.50	27	17.04	21
312	415	421	Max	110.09					39.48	27			348.18	27		
312	415	421	Max	397.50	512.86	9	-36.58	9	-66.78	9	-347.57	13	-10.53	13	17.04	21
312	415	421	Min.	12.50	-334.00	31	-75.04	31	74.03	9	278.07	27	-784.13	13	9.71	3
312	415	421	Min.	220.52					-7.82	3			163.78	3		
312	415	421	Min.	397.50	-334.00	31	-75.04	31	-145.99	31	-818.95	27	-828.70	27	9.71	3
312	421	427	Max	12.50	285.57	11	-14.47	9	102.36	31	892.83	13	-463.13	27	8.30	31
312	421	427	Max	325.84					-11.83	13			422.06	13		
312	421	427	Max	577.50	285.57	11	-14.47	9	-41.48	9	-717.08	13	-480.23	13	8.30	31
312	421	427	Min.	12.50	-251.45	29	-36.46	31	40.25	9	706.61	27	-976.75	13	3.05	9
312	421	427	Min.	283.32					2.47	5			402.23	5		
312	421	427	Min.	577.50	-251.45	29	-36.46	31	-103.63	31	-903.29	27	-1018.75	27	3.05	9
312	427	433	Max	12.50	25.09	11	-5.10	11	75.19	29	1076.68	13	-608.41	27	-8.59	17
312	427	433	Max	390.36					-10.59	13			693.66	13		
312	427	433	Max	577.50	25.09	11	-5.10	11	-7.37	11	-533.23	13	194.73	13	-8.59	17
312	427	433	Min.	12.50	-114.59	29	-22.84	29	21.44	11	783.86	27	-1340.51	13	-34.35	7
312	427	433	Min.	287.60					7.39	27			469.77	27		
312	427	433	Min.	577.50	-114.59	29	-22.84	29	-53.84	29	-826.05	27	-727.61	27	-34.35	7
313	-9	-10	Max	0.00	1242.59	9	26.23	3	-35.60	21	614.85	1	0.00	1	170.93	21
313	-9	-10	Max	205.00					-5.33	1			630.22	1		
313	-9	-10	Max	410.00	1242.59	9	26.23	3	48.41	3	-614.85	1	0.00	1	170.93	21
313	-9	-10	Min.	0.00	303.15	31	15.06	21	-59.13	3	614.85	1	0.00	1	-162.14	3
313	-9	-10	Min.	205.00					-5.33	1			630.22	1		
313	-9	-10	Min.	410.00	303.15	31	15.06	21	26.14	21	-614.85	1	0.00	1	-162.14	3
313	-10	-11	Max	0.00	831.21	9	16.27	5	-16.25	19	553.89	31	-20.51	9	6.81	7
313	-10	-11	Max	148.39					-6.83	9			309.70	9		
313	-10	-11	Max	410.00	831.21	9	16.27	5	39.31	5	-675.80	31	-561.56	31	6.81	7
313	-10	-11	Min.	0.00	100.35	31	5.72	19	-27.41	5	445.06	9	-311.64	31	-6.37	17
313	-10	-11	Min.	184.68					-0.03	31			199.81	31		
313	-10	-11	Min.	410.00	100.35	31	5.72	19	7.21	19	-784.63	9	-716.63	9	-6.37	17
313	-11	-41	Max	0.00	511.30	9	81.95	3	72.62	21	866.72	31	-693.98	9	0.56	3
313	-11	-41	Max	176.67	511.30	9	81.95	3	38.90	17	336.85	31	307.79	9	0.56	3
313	-11	-41	Min.	0.00	-142.46	31	-70.38	21	-106.83	3	831.97	9	-796.07	31	-0.59	21
313	-11	-41	Min.	176.67	-142.46	31	-70.38	21	-52.66	7	302.10	9	267.08	31	-0.59	21
313	-41	-42	Max	0.00	442.50	9	13.15	3	38.90	17	336.84	31	307.80	9	0.56	3
313	-41	-42	Max	100.72					14.57	9			459.94	9		
313	-41	-42	Max	191.67	442.50	9	13.15	3	63.16	3	-238.02	31	361.80	31	0.56	3
313	-41	-42	Min.	0.00	-73.65	31	-1.58	21	-52.67	7	302.09	9	267.10	31	-0.59	21
313	-41	-42	Min.	112.31					-16.30	31			456.24	31		
313	-41	-42	Min.	191.67	-73.65	31	-1.58	21	-54.75	21	-272.76	9	335.91	9	-0.59	21
313	-42	-12	Max	0.00	365.29	9	76.41	7	63.16	3	-238.00	31	361.81	31	0.56	3
313	-42	-12	Max	221.67	365.29	9	76.41	7	115.17	7	-902.84	31	-902.61	31	0.56	3
313	-42	-12	Min.	0.00	3.56	31	-64.84	17	-54.75	21	-272.74	9	335.93	9	-0.59	21
313	-42	-12	Min.	221.67	3.56	31	-64.84	17	-81.11	17	-937.58	9	-1005.52	9	-0.59	21
313	-12	-43	Max	0.00	133.32	9	92.20	3	90.01	21	1060.46	31	-940.31	9	7.22	7
313	-12	-43	Max	161.67	133.32	9	92.20	3	24.23	17	575.58	31	234.02	9	7.22	7
313	-12	-43	Min.	0.00	-188.27	31	-79.51	21	-126.22	3	968.83	9	-1135.72	31	-7.15	17
313	-12	-43	Min.	161.67	-188.27	31	-79.51	21	-39.94	7	483.95	9	186.74	31	-7.15	17
313	-43	-44	Max	0.00	67.32	9	26.20	3	24.23	17	575.57	31	234.03	9	7.22	7
313	-43	-44	Max	181.21					-63.02	23			695.75	23		
313	-43	-44	Max	191.67	67.32	9	26.20	3	73.05	3	0.71	31	739.02	31	7.22	7
313	-43	-44	Min.	0.00	-122.27	31	-13.51	21	-39.94	7	483.94	9	186.76	31	-7.15	17
313	-43	-44	Min.	161.35					21.35	9			624.46	9		
313	-43	-44	Min.	191.67	-122.27	31	-13.51	21	-64.44	21	-90.92	9	610.68	9	-7.15	17
313	-44	-13	Max	0.00	-12.69	9	67.63	7	73.05	3	0.73	31	739.02	31	7.22	7
313	-44	-13	Max	0.30					-16.51	31			739.03	31		
313	-44	-13	Max	236.67	-12.69	9	67.63	7	96.40	7	-709.10	31	-99.21	31	7.22	7
313	-44	-13	Min.	0.00	-42.25	31	-54.95	17	-64.44	21	-90.90	9	610.68	9	-7.15	17
313	-44	-13	Min.	0.30					25.17	13			739.01	13		
313	-44	-13	Min.	236.67	-42.25	31	-54.95	17	-57.77	17	-800.72	9	-444.40	9	-7.15	17
314	410	416	Max	0.00	379.86	27	43.17	13	-2.32	27	566.32	1	0.00	1	49.30	21
314	410	416	Max	198.75					25.19	1			562.78	1		
314	410	416	Max	397.50	379.86	27	43.17	13	111.90	13	-566.32	1	0.00	1	49.30	21
314	410	416	Min.	0.00	-741.36	13	14.33	27	-59.70	13	566.32	1	0.00	1	-106.20	3

314	410	416	Min.	198.75					25.19	1			562.78	1		
314	410	416	Min.	397.50	-741.36	13	14.33	27	54.65	27	-566.32	1	0.00	1	-106.20	3
314	416	422	Max	12.50	293.38	27	81.06	13	-85.09	27	743.77	31	224.16	9	-9.39	23
314	416	422	Max	108.13					-45.56	9			354.46	9		
314	416	422	Max	397.50	293.38	27	81.06	13	158.01	13	-353.25	31	-20.51	31	-9.39	23
314	416	422	Min.	12.50	-554.75	13	42.56	27	-154.06	13	272.49	9	-772.27	31	-16.72	1
314	416	422	Min.	218.56					7.92	23			163.89	23		
314	416	422	Min.	397.50	-554.75	13	42.56	27	78.78	27	-824.52	9	-838.50	9	-16.72	1
314	422	428	Max	12.50	149.36	25	39.70	13	-49.27	27	890.62	31	-457.00	9	-3.06	27
314	422	428	Max	325.06					12.65	31			421.36	31		
314	422	428	Max	577.50	149.36	25	39.70	13	112.91	13	-719.29	31	-486.52	31	-3.06	27
314	422	428	Min.	12.50	-388.30	15	17.70	27	-111.39	13	704.44	9	-970.51	31	-8.36	13
314	422	428	Min.	282.55					-2.92	17			402.47	17		
314	422	428	Min.	577.50	-388.30	15	17.70	27	50.76	27	-905.47	9	-1024.92	9	-8.36	13
314	428	434	Max	12.50	-37.63	25	26.36	15	-31.25	25	1073.04	31	-599.67	9	34.27	19
314	428	434	Max	389.08					13.78	31			688.84	31		
314	428	434	Max	577.50	-37.63	25	26.36	15	63.97	15	-536.87	31	183.07	31	34.27	19
314	428	434	Min.	12.50	-177.64	15	8.63	25	-84.98	15	780.28	9	-1331.61	31	8.55	5
314	428	434	Min.	286.34					-7.59	9			468.71	9		
314	428	434	Min.	577.50	-177.64	15	8.63	25	17.53	25	-829.62	9	-739.05	9	8.55	5
315	-150	-149	Max	0.00	193.34	27	1.73	13	-1.04	27	256.39	1	0.00	1	1.38	23
315	-150	-149	Max	205.00					1.06	1			262.80	1		
315	-150	-149	Max	410.00	193.34	27	1.73	13	4.90	13	-256.39	1	0.00	1	1.38	23
315	-150	-149	Min.	0.00	-95.13	13	0.93	27	-2.18	13	256.39	1	0.00	1	-1.38	1
315	-150	-149	Min.	205.00					1.06	1			262.80	1		
315	-150	-149	Min.	410.00	-95.13	13	0.93	27	2.79	27	-256.39	1	0.00	1	-1.38	1
315	-149	-140	Max	0.00	103.53	27	3.77	13	-4.03	27	256.39	1	0.00	1	0.02	1
315	-149	-140	Max	205.00					-0.02	1			262.80	1		
315	-149	-140	Max	410.00	103.53	27	3.77	13	7.89	13	-256.39	1	0.00	1	0.02	1
315	-149	-140	Min.	0.00	-74.05	13	1.93	27	-7.57	13	256.39	1	0.00	1	-0.02	23
315	-149	-140	Min.	205.00					-0.02	1			262.80	1		
315	-149	-140	Min.	410.00	-74.05	13	1.93	27	3.89	27	-256.39	1	0.00	1	-0.02	23
315	-140	-139	Max	0.00	43.59	27	2.43	13	-3.26	27	378.72	1	0.00	1	0.01	3
315	-140	-139	Max	295.00					-0.07	1			558.62	1		
315	-140	-139	Max	590.00	43.59	27	2.43	13	7.07	13	-378.72	1	0.00	1	0.01	3
315	-140	-139	Min.	0.00	-56.26	13	1.08	27	-7.26	13	378.72	1	0.00	1	-0.02	21
315	-140	-139	Min.	295.00					-0.07	1			558.62	1		
315	-140	-139	Min.	590.00	-56.26	13	1.08	27	3.14	27	-378.72	1	0.00	1	-0.02	21
315	-139	-138	Max	0.00	-15.38	23	1.68	15	-2.34	25	378.72	1	0.00	1	0.16	5
315	-139	-138	Max	295.00					-0.30	1			558.62	1		
315	-139	-138	Max	590.00	-15.38	23	1.68	15	4.42	15	-378.72	1	0.00	1	0.16	5
315	-139	-138	Min.	0.00	-31.71	1	0.72	25	-5.49	15	378.72	1	0.00	1	-0.02	19
315	-139	-138	Min.	295.00					-0.30	1			558.62	1		
315	-139	-138	Min.	590.00	-31.71	1	0.72	25	1.92	25	-378.72	1	0.00	1	-0.02	19
316	311	317	Max	0.00	601.90	27	34.95	13	-39.01	27	518.08	1	0.00	1	102.84	21
316	311	317	Max	198.75					17.51	1			514.84	1		
316	311	317	Max	397.50	601.90	27	34.95	13	87.93	13	-518.08	1	0.00	1	102.84	21
316	311	317	Min.	0.00	-86.96	13	28.73	27	-51.01	13	518.08	1	0.00	1	-65.99	3
316	311	317	Min.	198.75					17.51	1			514.84	1		
316	311	317	Min.	397.50	-86.96	13	28.73	27	75.19	27	-518.08	1	0.00	1	-65.99	3
316	317	323	Max	12.50	398.31	27	67.74	29	-101.03	11	733.07	31	319.63	9	10.31	23
316	317	323	Max	85.73					-63.52	9			389.53	9		
316	317	323	Max	397.50	398.31	27	67.74	29	132.07	29	-270.50	31	75.38	31	10.31	23
316	317	323	Min.	12.50	-148.32	13	51.40	11	-128.73	29	190.90	9	-815.08	31	0.33	1
316	317	323	Min.	221.74					10.76	7			148.14	7		
316	317	323	Min.	397.50	-148.32	13	51.40	11	96.88	11	-812.67	9	-877.28	9	0.33	1
316	323	329	Max	12.50	180.65	27	33.43	29	-65.44	11	837.51	31	-343.37	9	5.17	23
316	323	329	Max	333.80					13.62	31			395.09	31		
316	323	329	Max	577.50	180.65	27	33.43	29	95.20	29	-635.26	31	-378.99	31	5.17	23
316	323	329	Min.	12.50	-191.48	13	23.48	11	-93.68	29	617.45	9	-950.36	31	0.21	1
316	323	329	Min.	283.78					-2.31	21			368.37	21		
316	323	329	Min.	577.50	-191.48	13	23.48	11	67.24	11	-855.32	9	-1015.35	9	0.21	1
316	329	335	Max	12.50	-63.67	27	25.96	15	-63.69	25	1003.81	31	-427.01	9	8.30	17
316	329	335	Max	397.59					20.49	31			640.63	31		
316	329	335	Max	577.50	-63.67	27	25.96	15	68.66	7	-468.96	31	218.78	31	8.30	17
316	329	335	Min.	12.50	-142.04	13	22.47	25	-78.96	15	658.30	9	-1292.15	31	-28.20	7
316	329	335	Min.	265.04					-6.79	9			404.24	9		
316	329	335	Min.	577.50	-142.04	13	22.47	25	62.33	17	-814.47	9	-868.20	9	-28.20	7
317	-153	-151	Max	0.00	85.41	27	2.01	1	-2.34	31	214.31	1	0.00	1	1.82	21
317	-153	-151	Max	205.00					1.34	1			219.67	1		
317	-153	-151	Max	410.00	85.41	27	2.01	1	5.47	1	-214.31	1	0.00	1	1.82	21
317	-153	-151	Min.	0.00	-211.11	13	1.79	23	-2.80	9	214.31	1	0.00	1	-1.07	3
317	-153	-151	Min.	205.00					1.34	1			219.67	1		
317	-153	-151	Min.	410.00	-211.11	13	1.79	23	4.99	23	-214.31	1	0.00	1	-1.07	3
317	-151	-145	Max	0.00	89.33	27	4.07	13	-7.80	27	214.31	1	0.00	1	0.08	13
317	-151	-145	Max	205.00					0.02	1			219.67	1		
317	-151	-145	Max	410.00	89.33	27	4.07	13	8.38	13	-214.31	1	0.00	1	0.08	13
317	-151	-145	Min.	0.00	-104.50	13	3.81	27	-8.29	13	214.31	1	0.00	1	-0.01	27
317	-151	-145	Min.	205.00					0.02	1			219.67	1		
317	-151	-145	Min.	410.00	-104.50	13	3.81	27	7.81	27	-214.31	1	0.00	1	-0.01	27
317	-145	-143	Max	0.00	67.36	27	2.54	3	-7.13	27	318.17	1	0.00	1	0.07	15
317	-145	-143	Max	295.00					-0.03	1			469.31	1		
317	-145	-143	Max	590.00	67.36	27	2.54	3	7.43	3	-318.17	1	0.00	1	0.07	15
317	-145	-143	Min.	0.00	-32.26	13	2.41	21	-7.57	13	318.17	1	0.00	1	0.04	25
317	-145	-143	Min.	295.00					-0.03	1			469.31	1		
317	-145	-143	Min.	590.00	-32.26	13	2.41	21	7.06	21	-318.17	1	0.00	1	0.04	25
317	-143	-141	Max	0.00	30.40	31	2.37	9	-6.16	31	318.17	1	0.00	1	-0.17	11
317	-143	-141	Max	295.00					-0.20	1			469.31	1		
317	-143	-141	Max	590.00	30.40	31	2.37	9	6.88	9	-318.17	1	0.00	1	-0.17	11
317	-143	-141	Min.	0.00	18.34	9	1.94	31	-7.08	9	318.17	1	0.00	1	-0.26	29

317	-143	-141	Min.	295.00					-0.20	1			469.31	1		
317	-143	-141	Min.	590.00	18.34	9	1.94	31	5.29	31	-318.17	1	0.00	1	-0.26	29
318	-154	-152	Max	0.00	186.35	27	2.60	13	-2.72	27	212.31	1	0.00	1	1.50	21
318	-154	-152	Max	205.00					0.89	1			217.62	1		
318	-154	-152	Max	410.00	186.35	27	2.60	13	6.61	13	-212.31	1	0.00	1	1.50	21
318	-154	-152	Min.	0.00	17.97	13	1.66	27	-4.03	13	212.31	1	0.00	1	-0.92	3
318	-154	-152	Min.	205.00					0.89	1			217.62	1		
318	-154	-152	Min.	410.00	17.97	13	1.66	27	4.10	27	-212.31	1	0.00	1	-0.92	3
318	-152	-146	Max	0.00	102.12	27	4.34	13	-5.07	27	212.31	1	0.00	1	-0.05	13
318	-152	-146	Max	205.00									217.62	1		
318	-152	-146	Max	410.00	102.12	27	4.34	13	8.97	13	-212.31	1	0.00	1	-0.05	13
318	-152	-146	Min.	0.00	-36.27	13	2.45	27	-8.82	13	212.31	1	0.00	1	-0.13	27
318	-152	-146	Min.	205.00									217.62	1		
318	-152	-146	Min.	410.00	-36.27	13	2.45	27	4.97	27	-212.31	1	0.00	1	-0.13	27
318	-146	-144	Max	0.00	46.13	9	2.79	13	-4.36	27	315.29	1	0.00	1	-0.05	3
318	-146	-144	Max	295.00					-0.04	1			465.05	1		
318	-146	-144	Max	590.00	46.13	9	2.79	13	8.20	13	-315.29	1	0.00	1	-0.05	3
318	-146	-144	Min.	0.00	-43.35	31	1.46	27	-8.27	13	315.29	1	0.00	1	-0.07	21
318	-146	-144	Min.	295.00					-0.04	1			465.05	1		
318	-146	-144	Min.	590.00	-43.35	31	1.46	27	4.25	27	-315.29	1	0.00	1	-0.07	21
318	-144	-142	Max	0.00	-1.80	9	2.38	13	-4.07	27	315.29	1	0.00	1	0.21	11
318	-144	-142	Max	295.00					-0.18	1			465.05	1		
318	-144	-142	Max	590.00	-1.80	9	2.38	13	6.63	13	-315.29	1	0.00	1	0.21	11
318	-144	-142	Min.	0.00	-39.50	31	1.34	27	-7.43	13	315.29	1	0.00	1	0.12	29
318	-144	-142	Min.	295.00					-0.18	1			465.05	1		
318	-144	-142	Min.	590.00	-39.50	31	1.34	27	3.86	27	-315.29	1	0.00	1	0.12	29
501	1	2	Max	12.50	0.00	1	0.00	1	0.00	1	1051.50	21	2199.00	3	879.55	13
501	1	2	Max	219.06									27.03	25		
501	1	2	Max	416.50	0.00	1	0.00	1	0.00	1	1747.16	23	2415.51	21	879.55	13
501	1	2	Min.	12.50	0.00	1	0.00	1	0.00	1	-1138.11	3	-2793.80	21	95.82	27
501	1	2	Min.	19.40									-753.50	15		
501	1	2	Min.	416.50	0.00	1	0.00	1	0.00	1	-393.43	1	-1051.53	3	95.82	27
501	2	3	Max	12.50	0.00	1	0.00	1	0.00	1	419.88	21	2044.93	1	177.81	31
501	2	3	Max	120.10									28.67	11		
501	2	3	Max	337.50	0.00	1	0.00	1	0.00	1	1411.87	23	1914.46	23	177.81	31
501	2	3	Min.	12.50	0.00	1	0.00	1	0.00	1	-1525.68	3	-986.95	23	-15.89	9
501	2	3	Min.	305.14									-182.78	9		
501	2	3	Min.	337.50	0.00	1	0.00	1	0.00	1	-470.64	1	-1151.39	1	-15.89	9
501	3	4	Max	12.50	0.00	1	0.00	1	0.00	1	247.31	21	2101.24	3	13.73	21
501	3	4	Max	159.03									-294.40	11		
501	3	4	Max	428.50	0.00	1	0.00	1	0.00	1	1412.88	23	1923.31	23	13.73	21
501	3	4	Min.	12.50	0.00	1	0.00	1	0.00	1	-1518.56	3	-1286.40	21	-116.35	3
501	3	4	Min.	323.43									-450.33	13		
501	3	4	Min.	428.50	0.00	1	0.00	1	0.00	1	-352.31	1	-1462.91	1	-116.35	3
501	4	5	Max	12.50	0.00	1	0.00	1	0.00	1	569.38	21	1767.56	3	64.22	27
501	4	5	Max	210.60									33.14	25		
501	4	5	Max	337.50	0.00	1	0.00	1	0.00	1	1564.10	23	2101.72	21	64.22	27
501	4	5	Min.	12.50	0.00	1	0.00	1	0.00	1	-1313.99	3	-1299.77	21	-130.89	13
501	4	5	Min.	53.86									-261.57	31		
501	4	5	Min.	337.50	0.00	1	0.00	1	0.00	1	-380.97	1	-931.73	3	-130.89	13
501	5	6	Max	12.50	0.00	1	0.00	1	0.00	1	387.74	21	2447.40	1	-81.13	9
501	5	6	Max	217.55									41.08	11		
501	5	6	Max	416.50	0.00	1	0.00	1	0.00	1	1128.41	23	2191.88	23	-81.13	9
501	5	6	Min.	12.50	0.00	1	0.00	1	0.00	1	-1753.71	3	-1017.52	23	-866.23	31
501	5	6	Min.	414.91									-762.97	29		
501	5	6	Min.	416.50	0.00	1	0.00	1	0.00	1	-1059.24	1	-2797.93	1	-866.23	31
506	31	32	Max	12.50	0.00	1	0.00	1	0.00	1	1053.12	7	1311.30	17	276.49	15
506	31	32	Max	416.50	0.00	1	0.00	1	0.00	1	286.49	5	718.80	7	276.49	15
506	31	32	Min.	12.50	0.00	1	0.00	1	0.00	1	-257.98	17	-1908.39	7	-396.91	25
506	31	32	Min.	416.50	0.00	1	0.00	1	0.00	1	-901.24	19	-1055.70	17	-396.91	25
506	32	33	Max	12.50	0.00	1	0.00	1	0.00	1	782.68	7	598.92	19	73.21	31
506	32	33	Max	337.50	0.00	1	0.00	1	0.00	1	209.09	5	848.99	5	73.21	31
506	32	33	Min.	12.50	0.00	1	0.00	1	0.00	1	-99.28	17	-775.36	5	-77.04	9
506	32	33	Min.	337.50	0.00	1	0.00	1	0.00	1	-613.30	19	-500.59	19	-77.04	9
506	33	-6	Max	12.50	0.00	1	0.00	1	0.00	1	121.84	7	853.81	17	153.02	27
506	33	-6	Max	220.50	0.00	1	0.00	1	0.00	1	-464.64	7	-833.38	15	153.02	27
506	33	-6	Min.	12.50	0.00	1	0.00	1	0.00	1	-613.48	17	-520.41	7	-157.47	13
506	33	-6	Min.	220.50	0.00	1	0.00	1	0.00	1	-1115.71	17	-928.28	25	-157.47	13
506	-6	34	Max	0.00	0.00	1	0.00	1	0.00	1	1116.65	5	-833.49	29	142.02	31
506	-6	34	Max	208.00	0.00	1	0.00	1	0.00	1	614.68	5	855.89	5	142.02	31
506	-6	34	Min.	0.00	0.00	1	0.00	1	0.00	1	466.06	19	-928.33	11	-167.70	9
506	-6	34	Min.	208.00	0.00	1	0.00	1	0.00	1	-120.09	19	-517.30	19	-167.70	9
506	34	35	Max	12.50	0.00	1	0.00	1	0.00	1	613.44	7	849.63	17	80.60	27
506	34	35	Max	337.50	0.00	1	0.00	1	0.00	1	99.19	5	599.86	7	80.60	27
506	34	35	Min.	12.50	0.00	1	0.00	1	0.00	1	-209.57	17	-500.97	7	-70.26	13
506	34	35	Min.	337.50	0.00	1	0.00	1	0.00	1	-782.08	19	-775.46	17	-70.26	13
506	35	36	Max	12.50	0.00	1	0.00	1	0.00	1	902.44	7	716.36	19	401.05	11
506	35	36	Max	416.50	0.00	1	0.00	1	0.00	1	258.52	5	1311.82	5	401.05	11
506	35	36	Min.	12.50	0.00	1	0.00	1	0.00	1	-286.13	17	-1056.77	5	-272.13	29
506	35	36	Min.	416.50	0.00	1	0.00	1	0.00	1	-1051.58	19	-1905.59	19	-272.13	29
507	1	7	Max	20.00	0.00	1	0.00	1	0.00	1	1401.03	13	1765.70	27	294.07	3
507	1	7	Max	615.00	0.00	1	0.00	1	0.00	1	946.00	13	2126.71	13	294.07	3
507	1	7	Min.	20.00	0.00	1	0.00	1	0.00	1	-725.57	27	-4107.33	13	-405.50	21
507	1	7	Min.	615.00	0.00	1	0.00	1	0.00	1	-755.39	27	-2136.59	27	-405.50	21
507	7	13	Max	20.00	0.00	1	0.00	1	0.00	1	289.90	13	3518.37	27	52.93	19
507	7	13	Max	397.50	0.00	1	0.00	1	0.00	1	-22.31	13	203.22	13	52.93	19
507	7	13	Min.	20.00	0.00	1	0.00	1	0.00	1	-1659.11	27	-524.46	13	-191.34	5
507	7	13	Min.	397.50	0.00	1	0.00	1	0.00	1	-1403.72	27	-1881.95	27	-191.34	5
507	13	19	Max	12.50	0.00	1	0.00	1	0.00	1	900.65	13	-75.39	27	0.73	23
507	13	19	Max	397.50	0.00	1	0.00	1	0.00	1	153.24	15	629.41	13	0.73	23

507	13	19	Min.	12.50	0.00	1	0.00	1	0.00	1	64.96	27	-1330.02	13	-64.64	1
507	13	19	Min.	397.50	0.00	1	0.00	1	0.00	1	-541.94	25	-938.83	27	-64.64	1
507	19	25	Max	12.50	0.00	1	0.00	1	0.00	1	675.83	13	498.90	27	133.89	23
507	19	25	Max	577.50	0.00	1	0.00	1	0.00	1	-38.13	15	418.46	13	133.89	23
507	19	25	Min.	12.50	0.00	1	0.00	1	0.00	1	17.81	27	-999.75	13	-117.52	1
507	19	25	Min.	577.50	0.00	1	0.00	1	0.00	1	-605.08	25	-955.67	27	-117.52	1
507	25	31	Max	12.50	0.00	1	0.00	1	0.00	1	691.56	13	552.82	27	506.21	7
507	25	31	Max	577.50	0.00	1	0.00	1	0.00	1	44.17	15	956.77	13	506.21	7
507	25	31	Min.	12.50	0.00	1	0.00	1	0.00	1	-24.40	27	-1077.74	13	-300.12	17
507	25	31	Min.	577.50	0.00	1	0.00	1	0.00	1	-909.10	25	-1644.89	27	-300.12	17
519	6	12	Max	20.00	0.00	1	0.00	1	0.00	1	1392.88	31	1767.24	9	405.79	1
519	6	12	Max	615.00	0.00	1	0.00	1	0.00	1	940.20	31	2110.25	31	405.79	1
519	6	12	Min.	20.00	0.00	1	0.00	1	0.00	1	-728.75	9	-4089.66	31	-292.86	23
519	6	12	Min.	615.00	0.00	1	0.00	1	0.00	1	-754.01	9	-2134.36	9	-292.86	23
519	12	18	Max	20.00	0.00	1	0.00	1	0.00	1	281.52	31	3515.99	9	191.72	17
519	12	18	Max	397.50	0.00	1	0.00	1	0.00	1	-27.75	31	196.57	31	191.72	17
519	12	18	Min.	20.00	0.00	1	0.00	1	0.00	1	-1657.59	9	-506.15	31	-53.89	7
519	12	18	Min.	397.50	0.00	1	0.00	1	0.00	1	-1405.11	9	-1883.18	9	-53.89	7
519	18	24	Max	12.50	0.00	1	0.00	1	0.00	1	900.66	31	-81.97	9	64.06	21
519	18	24	Max	397.50	0.00	1	0.00	1	0.00	1	152.85	29	627.31	31	64.06	21
519	18	24	Min.	12.50	0.00	1	0.00	1	0.00	1	68.95	9	-1331.49	31	-1.50	3
519	18	24	Min.	397.50	0.00	1	0.00	1	0.00	1	-540.29	11	-936.41	9	-1.50	3
519	24	30	Max	12.50	0.00	1	0.00	1	0.00	1	674.05	31	502.13	9	116.99	21
519	24	30	Max	577.50	0.00	1	0.00	1	0.00	1	-39.07	29	416.01	31	116.99	21
519	24	30	Min.	12.50	0.00	1	0.00	1	0.00	1	16.35	9	-995.75	31	-134.64	3
519	24	30	Min.	577.50	0.00	1	0.00	1	0.00	1	-604.93	11	-955.82	9	-134.64	3
519	30	36	Max	12.50	0.00	1	0.00	1	0.00	1	690.03	31	553.46	9	299.64	5
519	30	36	Max	577.50	0.00	1	0.00	1	0.00	1	41.61	29	950.22	31	299.64	5
519	30	36	Min.	12.50	0.00	1	0.00	1	0.00	1	-24.94	9	-1074.25	31	-506.43	19
519	30	36	Min.	577.50	0.00	1	0.00	1	0.00	1	-909.64	11	-1647.39	9	-506.43	19

Tipo di combinazione di carico: SND

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	101	Max	17.00	-3750.44	25	5141.46	13	5373.16	27	2576.16	3	5143.60	21	66.15	3
1	1	101	Max	310.50	-3016.69	25	5141.46	13	8433.85	13	2576.16	3	2808.80	3	66.15	3
1	1	101	Min.	17.00	-7207.87	15	-2072.30	27	-6656.33	13	-2902.43	21	-4752.23	3	-65.75	21
1	1	101	Min.	310.50	-6474.12	15	-2072.30	27	-709.05	27	-2902.43	21	-3375.03	21	-65.75	21
2	2	302	Max	17.00	-8119.79	25	4357.55	13	1147.74	27	4289.05	3	7218.09	21	66.15	3
2	2	302	Max	310.50	-7386.04	25	4357.55	13	10965.20	13	4289.05	3	5624.89	3	66.15	3
2	2	302	Min.	17.00	-10734.60	15	937.99	27	-1824.24	13	-4408.52	21	-6963.47	3	-65.75	21
2	2	302	Min.	310.50	-10000.80	15	938.00	27	3900.75	27	-4408.53	21	-5720.93	21	-65.75	21
3	3	403	Max	17.00	-8158.37	27	4074.80	13	807.31	27	4250.39	3	6937.45	21	66.15	3
3	3	403	Max	310.50	-7424.62	27	4074.80	13	10944.10	13	4250.40	3	5472.18	3	66.15	3
3	3	403	Min.	17.00	-10910.00	13	1121.78	27	-1015.41	13	-4253.34	21	-7002.73	3	-65.75	21
3	3	403	Min.	310.50	-10176.30	13	1121.78	27	4099.74	27	-4253.34	21	-5546.12	21	-65.75	21
4	4	404	Max	17.00	-7661.44	9	3790.50	31	934.90	9	4269.20	3	6976.29	21	66.15	3
4	4	404	Max	310.50	-6927.69	9	3790.50	31	10237.60	31	4269.20	3	5568.49	3	66.15	3
4	4	404	Min.	17.00	-10411.20	31	837.71	9	-887.46	31	-4234.62	21	-6961.61	3	-65.75	21
4	4	404	Min.	310.50	-9677.40	31	837.71	9	3393.59	9	-4234.62	21	-5452.31	21	-65.75	21
5	5	305	Max	17.00	-8089.65	11	4346.56	31	1118.60	9	4394.20	1	6980.50	23	66.15	3
5	5	305	Max	310.50	-7355.90	11	4346.56	31	10905.60	31	4394.20	1	5701.70	1	66.15	3
5	5	305	Min.	17.00	-10704.50	29	929.06	9	-1851.53	31	-4300.29	23	-7195.28	1	-65.75	21
5	5	305	Min.	310.50	-9970.76	29	929.06	9	3845.39	9	-4300.29	23	-5640.84	23	-65.75	21
6	6	106	Max	17.00	-3780.52	11	5128.95	31	5352.50	9	2904.47	1	4743.85	23	66.15	3
6	6	106	Max	310.50	-3046.77	11	5128.96	31	8413.99	31	2904.47	1	3377.44	1	66.15	3
6	6	106	Min.	17.00	-7205.73	29	-2046.85	9	-6639.49	31	-2571.87	23	-5147.18	1	-65.75	21
6	6	106	Min.	310.50	-6471.98	29	-2046.85	9	-655.01	9	-2571.87	23	-2804.57	23	-65.75	21
7	7	107	Max	17.00	-5491.73	13	3664.78	13	10695.90	27	601.82	3	1400.14	21	67.05	3
7	7	107	Max	305.50	-4770.48	13	3664.78	13	2638.44	13	601.82	3	337.50	3	67.05	3
7	7	107	Min.	17.00	-6834.71	27	-7082.28	27	-7934.44	13	-716.28	21	-1398.73	3	-66.64	21
7	7	107	Min.	305.50	-6113.46	27	-7082.28	27	-9736.49	27	-716.28	21	-666.32	21	-66.64	21
8	8	-155	Max	0.00	-10381.30	13	-1242.83	13	1473.06	27	728.55	3	1125.41	21	64.09	3
8	8	-155	Max	305.50	-9617.53	13	-1242.83	13	-4389.78	13	728.55	3	1112.64	3	64.09	3
8	8	-155	Min.	0.00	-12769.70	27	-4021.38	27	-592.93	13	-766.53	21	-1113.08	3	-63.70	21
8	8	-155	Min.	305.50	-12006.00	27	-4021.38	27	-10812.30	27	-766.53	21	-1216.34	21	-63.70	21
9	9	-15	Max	0.00	-10652.40	13	-1395.72	13	1401.94	27	827.49	3	1148.10	21	64.09	3
9	9	-15	Max	305.50	-9888.62	13	-1395.72	13	-4803.73	13	827.49	3	1380.74	3	64.09	3
9	9	-15	Min.	0.00	-13020.60	27	-3758.36	27	-539.79	13	-832.27	21	-1147.23	3	-63.70	21
9	9	-15	Min.	305.50	-12256.90	27	-3758.36	27	-10079.80	27	-832.27	21	-1394.48	21	-63.70	21
10	10	-16	Max	0.00	-10064.70	31	-1111.91	31	1354.56	9	853.89	1	1141.44	21	64.09	3
10	10	-16	Max	305.50	-9300.91	31	-1111.91	31	-3983.43	31	853.89	1	1452.45	1	64.09	3
10	10	-16	Min.	0.00	-12419.60	9	-3472.94	9	-586.54	31	-813.02	23	-1156.33	3	-63.70	21
10	10	-16	Min.	305.50	-11655.90	9	-3472.93	9	-9255.26	9	-813.02	23	-1342.50	23	-63.70	21
11	11	-7	Max	0.00	-10001.80	31	-1195.96	31	1462.87	9	747.11	1	1124.41	23	64.09	3
11	11	-7	Max	305.50	-9238.00	31	-1195.96	31	-4253.15	31	747.11	1	1163.10	1	64.09	3
11	11	-7	Min.	0.00	-12414.10	9	-3961.46	9	-599.49	31	-764.12	23	-1119.33	1	-63.70	21
11	11	-7	Min.	305.50	-11650.40	9	-3961.46	9	-10639.40	9	-764.12	23	-1209.98	23	-63.70	21
12	12	112	Max	17.00	-5503.36	31	3608.73	31	10670.30	9	713.57	1	1394.31	23	66.15	3
12	12	112	Max	310.50	-4769.61	31	3608.73	31	2713.07	31	713.57	1	694.88	1	66.15	3
12	12	112	Min.	17.00	-6826.47	9	-7043.81	9	-7878.56	31	-596.00	23	-1399.44	1	-65.75	21
12	12	112	Min.	310.50	-6092.72	9	-7043.81	9	-10003.30	9	-596.00	23	-354.97	23	-65.75	21
13	13	113	Max	17.00	-1092.85	3	2249.94	13	3734.19	27	778.65	1	1219.56	23	25.23	3
13	13	113	Max	310.53	-634.21	3	2249.94	13	3093.87	13	778.65	1	1201.00	1	25.23	3
13	13	113	Min.	17.00	-2691.35	21	-2333.37	27	-3510.40	13	-1076.21	23	-1084.58	1	-25.08	21
13	13	113	Min.	310.53	-2232.71	21	-2333.36	27	-3114.95	27	-1076.21	23	-1939.46	23	-25.08	21
14	14	314	Max	0.00	-2352.08	27	709.12	13	749.47	27	1012.53	1	1083.47	23	7.01	1
14	14	314	Max	340.58	-1819.93	27	709.12	13	1495.42	13	1012.53	1	2309.52	1	7.01	1
14	14	314	Min.	0.00	-3545.25	13	-531.51	27	-919.67	13	-902.16	23	-1138.92	1	-37.74	23

14	14	314	Min.	340.58	-3013.10	13	-531.51	27	-1060.71	27	-902.16	23	-1989.06	23	-37.74	23
15	15	415	Max	0.00	-2512.99	27	674.35	13	657.85	27	714.52	1	1043.02	23	10.17	1
15	15	415	Max	365.09	-1942.55	27	674.35	13	1533.54	13	714.52	1	1643.52	1	10.17	1
15	15	415	Min.	0.00	-3700.71	13	-425.49	27	-928.44	13	-837.66	23	-965.11	1	-34.80	23
15	15	415	Min.	365.09	-3130.26	13	-425.49	27	-895.56	27	-837.66	23	-2015.19	23	-34.80	23
16	16	416	Max	0.00	-2504.97	9	666.52	31	668.30	9	838.63	3	964.26	21	36.16	3
16	16	416	Max	365.09	-1934.52	9	666.52	31	1515.74	31	838.63	3	2017.86	3	36.16	3
16	16	416	Min.	0.00	-3693.08	31	-433.08	9	-917.66	31	-713.55	21	-1043.89	3	-8.97	21
16	16	416	Min.	365.09	-3122.63	31	-433.08	9	-912.83	9	-713.55	21	-1640.82	21	-8.97	21
17	17	317	Max	0.00	-2347.17	9	707.40	31	750.86	9	901.96	3	1137.95	21	36.74	3
17	17	317	Max	340.58	-1815.02	9	707.40	31	1492.26	31	901.96	3	1988.14	3	36.74	3
17	17	317	Min.	0.00	-3539.82	31	-532.11	9	-916.97	31	-1011.31	21	-1083.70	3	-8.30	21
17	17	317	Min.	340.58	-3007.67	31	-532.10	9	-1061.35	9	-1011.31	21	-2306.33	21	-8.30	21
18	18	118	Max	17.00	-1088.40	23	2242.77	31	3723.28	9	1078.32	3	1084.34	21	25.23	3
18	18	118	Max	310.53	-629.75	23	2242.77	31	3084.10	31	1078.32	3	1943.68	3	25.23	3
18	18	118	Min.	17.00	-2673.00	1	-2323.20	9	-3499.11	31	-777.94	21	-1221.52	3	-25.08	21
18	18	118	Min.	310.53	-2214.36	1	-2323.20	9	-3096.02	9	-777.94	21	-1199.14	21	-25.08	21
19	19	119	Max	17.00	-1569.29	3	2135.54	13	3220.35	27	739.05	17	1188.75	7	25.23	3
19	19	119	Max	310.53	-1110.65	3	2135.54	13	2874.88	13	739.05	17	1139.78	17	25.23	3
19	19	119	Min.	17.00	-3316.69	21	-1997.34	27	-3393.58	13	-1103.36	7	-1029.56	17	-25.08	21
19	19	119	Min.	310.53	-2858.05	21	-1997.34	27	-2642.44	27	-1103.36	7	-2049.94	7	-25.08	21
20	20	320	Max	0.00	-3010.39	15	852.29	13	816.54	27	1014.27	17	1062.33	7	7.72	1
20	20	320	Max	340.58	-2478.24	15	852.29	13	1906.23	13	1014.27	17	2326.21	17	7.72	1
20	20	320	Min.	0.00	-3760.85	25	-656.17	27	-996.47	13	-883.24	7	-1128.13	17	-38.37	23
20	20	320	Min.	340.58	-3228.70	25	-656.17	27	-1418.23	27	-883.24	7	-1945.79	7	-38.37	23
21	21	421	Max	0.00	-3274.72	15	796.98	13	724.48	27	679.10	19	1041.70	5	13.53	1
21	21	421	Max	365.09	-2704.27	15	796.98	13	1907.69	13	679.10	19	1546.00	19	13.53	1
21	21	421	Min.	0.00	-4092.26	25	-536.02	27	-1001.98	13	-851.27	5	-933.30	19	-36.67	23
21	21	421	Min.	365.09	-3521.82	25	-536.02	27	-1232.48	27	-851.27	5	-2066.17	5	-36.67	23
22	22	422	Max	0.00	-3278.42	29	788.56	31	734.97	9	851.55	17	933.26	7	38.35	3
22	22	422	Max	365.09	-2707.97	29	788.56	31	1887.79	31	851.55	17	2066.82	17	38.35	3
22	22	422	Min.	0.00	-4095.65	11	-544.19	9	-991.15	31	-679.10	7	-1042.10	17	-12.00	21
22	22	422	Min.	365.09	-3525.20	11	-544.19	9	-1251.80	9	-679.09	7	-1546.03	7	-12.00	21
23	23	323	Max	0.00	-3010.06	29	849.78	31	818.59	9	883.64	19	1127.42	5	37.23	3
23	23	323	Max	340.58	-2477.91	29	849.78	31	1900.92	31	883.64	19	1946.87	19	37.23	3
23	23	323	Min.	0.00	-3759.94	11	-657.75	9	-993.24	31	-1013.43	5	-1062.59	19	-9.11	21
23	23	323	Min.	340.58	-3227.79	11	-657.75	9	-1421.56	9	-1013.43	5	-2324.06	5	-9.11	21
24	24	124	Max	17.00	-1572.16	23	2129.87	31	3218.24	9	1104.13	19	1029.26	7	25.23	3
24	24	124	Max	310.53	-1113.52	23	2129.87	31	2867.24	31	1104.13	19	2051.91	19	25.23	3
24	24	124	Min.	17.00	-3321.46	1	-1996.55	9	-3384.57	31	-738.00	5	-1189.36	17	-25.08	21
24	24	124	Min.	310.53	-2862.82	1	-1996.55	9	-2642.23	9	-738.00	5	-1137.31	5	-25.08	21
25	25	125	Max	17.00	-1948.36	17	1990.91	13	3238.58	27	810.26	17	1512.51	7	25.23	3
25	25	125	Max	310.53	-1489.72	17	1990.91	13	2612.51	13	810.26	17	1111.32	17	25.23	3
25	25	125	Min.	17.00	-3572.73	7	-1983.43	27	-3231.42	13	-1245.08	7	-1267.05	17	-25.08	21
25	25	125	Min.	310.53	-3114.09	7	-1983.43	27	-2583.39	27	-1245.08	7	-2142.17	7	-25.08	21
26	26	326	Max	0.00	-3651.48	5	792.58	13	816.62	27	1004.13	17	1038.94	7	6.78	1
26	26	326	Max	340.58	-3119.33	5	792.58	13	1733.98	13	1004.12	17	2309.08	17	6.78	1
26	26	326	Min.	0.00	-4054.71	19	-655.46	27	-965.36	13	-859.62	7	-1110.72	17	-39.85	23
26	26	326	Min.	340.58	-3522.56	19	-655.46	27	-1415.70	27	-859.62	7	-1888.72	7	-39.85	23
27	27	427	Max	0.00	-4019.36	5	747.22	13	729.65	27	646.09	17	1031.38	7	12.17	1
27	27	427	Max	365.09	-3448.91	5	747.22	13	1754.38	13	646.09	17	1455.95	17	12.17	1
27	27	427	Min.	0.00	-4514.21	19	-542.86	27	-973.62	13	-849.70	7	-902.85	17	-36.61	23
27	27	427	Min.	365.09	-3943.76	19	-542.86	27	-1252.26	27	-849.70	7	-2070.77	7	-36.61	23
28	28	428	Max	0.00	-4018.52	17	739.31	31	739.58	9	849.15	19	902.64	5	38.43	3
28	28	428	Max	365.09	-3448.07	17	739.31	31	1735.78	31	849.15	19	2069.46	19	38.43	3
28	28	428	Min.	0.00	-4513.56	7	-550.52	9	-963.36	31	-645.95	5	-1030.69	19	-10.51	21
28	28	428	Min.	365.09	-3943.11	7	-550.52	9	-1270.30	9	-645.95	5	-1455.63	5	-10.51	21
29	29	329	Max	0.00	-3648.57	17	789.97	31	818.81	9	859.98	17	1110.75	7	38.43	3
29	29	329	Max	340.58	-3116.42	17	789.97	31	1728.48	31	859.98	17	1889.95	17	38.43	3
29	29	329	Min.	0.00	-4051.73	7	-657.09	9	-961.96	31	-1004.08	7	-1038.93	17	-8.45	21
29	29	329	Min.	340.58	-3519.58	7	-657.09	9	-1419.07	9	-1004.08	7	-2308.88	7	-8.45	21
30	30	130	Max	17.00	-1950.33	5	1985.50	31	3236.29	9	1245.01	19	1266.42	5	25.23	3
30	30	130	Max	310.53	-1491.69	5	1985.51	31	2605.45	31	1245.01	19	2142.94	19	25.23	3
30	30	130	Min.	17.00	-3573.93	19	-1981.82	9	-3222.62	31	-809.21	5	-1511.54	19	-25.08	21
30	30	130	Min.	310.53	-3115.28	19	-1981.82	9	-2580.97	9	-809.21	5	-1108.85	5	-25.08	21
31	31	231	Max	17.00	-798.11	19	1070.44	13	2592.56	27	1457.72	17	3048.53	7	25.23	3
31	31	231	Max	310.53	-339.47	19	1070.44	13	1107.20	13	1457.72	17	1647.28	17	25.23	3
31	31	231	Min.	17.00	-2617.00	5	-1567.95	27	-2034.86	13	-1862.88	7	-2631.58	17	-25.08	21
31	31	231	Min.	310.53	-2158.36	5	-1567.95	27	-2009.86	27	-1862.88	7	-2419.59	7	-25.08	21
32	32	332	Max	17.00	-1915.15	13	573.10	13	1198.02	27	2081.14	17	3374.67	7	9.77	3
32	32	332	Max	340.58	-1409.57	13	573.10	13	745.68	13	2081.14	17	3221.67	17	9.77	3
32	32	332	Min.	17.00	-2719.39	27	-843.24	27	-1108.75	13	-1938.23	7	-3512.40	17	-38.28	21
32	32	332	Min.	340.58	-2213.80	27	-843.24	27	-1530.49	27	-1938.23	7	-2896.96	7	-38.28	21
33	33	433	Max	17.00	-1970.33	15	483.02	13	970.97	27	1571.55	19	2946.76	5	18.78	1
33	33	433	Max	365.09	-1426.44	15	483.02	13	688.77	13	1571.55	19	2501.87	19	18.78	1
33	33	433	Min.	17.00	-2913.64	25	-724.76	27	-992.57	13	-1632.10	5	-2968.50	19	-24.97	23
33	33	433	Min.	365.09	-2369.75	25	-724.76	27	-1551.84	27	-1632.10	5	-2734.38	5	-24.97	23
34	34	434	Max	17.00	-1974.98	29	472.10	31	990.98	9	1631.99	17	2973.20	7	27.06	3
34	34	434	Max	365.09	-1431.09	29	472.10	31	671.31	31	1631.98	17	2734.16	17	27.06	3
34	34	434	Min.	17.00	-2917.06	11	-735.41	9	-972.02	31	-1574.11	7	-2946.58	17	-16.87	21
34	34	434	Min.	365.09	-2373.18	11	-735.41	9	-1568.90	9	-1574.11	7	-2506.09	7	-16.87	21
35	35	335	Max	17.00	-1914.94	31	570.44	31	1200.20	9	1935.51	19	3511.			

101	101	302	Max	47.92										400.32	25		
101	101	302	Max	416.50	0.00	5	0.00	1	0.00	1	1247.15	21	2754.82	21	-84.71	27	
101	101	302	Min.	12.50	0.00	17	0.00	1	0.00	1	-1166.58	3	-3558.80	21	-215.13	13	
101	101	302	Min.	47.92									400.32	25			
101	101	302	Min.	416.50	0.00	17	0.00	1	0.00	1	-1797.83	3	-2951.19	3	-215.13	13	
101	302	403	Max	12.50	0.00	1	0.00	9	0.00	13	2160.62	23	2939.22	1	12.71	27	
101	302	403	Max	337.50	0.00	1	0.00	9	0.00	9	1652.81	23	2964.06	21	12.71	27	
101	302	403	Min.	12.50	0.00	5	0.00	13	0.00	9	-1655.43	1	-3233.04	23	-33.67	13	
101	302	403	Min.	337.50	0.00	5	0.00	13	0.00	13	-2163.24	1	-3266.40	3	-33.67	13	
101	403	-8	Max	12.50	0.00	1	0.00	9	0.00	13	1579.09	21	2438.98	3	44.42	21	
101	403	-8	Max	23.08									437.74	29			
101	403	-8	Max	220.50	0.00	1	0.00	9	0.00	9	1254.09	21	133.26	13	44.42	21	
101	403	-8	Min.	12.50	0.00	23	0.00	13	0.00	9	-946.25	3	-2814.28	21	5.52	3	
101	403	-8	Min.	24.22									432.76	25			
101	403	-8	Min.	220.50	0.00	23	0.00	13	0.00	13	-1271.25	3	131.76	27	5.52	3	
101	-8	404	Max	0.00	0.00	7	0.00	9	0.00	9	1254.09	21	133.26	13	44.42	21	
101	-8	404	Max	186.44									403.33	11			
101	-8	404	Max	208.00	0.00	7	0.00	9	0.00	9	929.09	21	2402.75	21	44.42	21	
101	-8	404	Min.	0.00	0.00	17	0.00	13	0.00	13	-1271.25	3	131.76	27	5.52	3	
101	-8	404	Min.	185.30									401.47	15			
101	-8	404	Min.	208.00	0.00	17	0.00	13	0.00	13	-1596.25	3	-2849.41	3	5.52	3	
101	404	305	Max	12.50	0.00	21	0.00	13	0.00	13	2173.60	21	2945.31	3	4.95	31	
101	404	305	Max	337.50	0.00	21	0.00	13	0.00	13	1665.79	21	2953.09	21	4.95	31	
101	404	305	Min.	12.50	0.00	1	0.00	9	0.00	9	-1643.12	3	-3285.93	21	-41.03	9	
101	404	305	Min.	337.50	0.00	1	0.00	9	0.00	9	-2150.93	3	-3220.02	3	-41.03	9	
101	305	106	Max	12.50	0.00	17	0.00	1	0.00	1	1795.08	23	2756.80	1	212.20	31	
101	305	106	Max	381.69									403.43	11			
101	305	106	Max	416.50	0.00	17	0.00	1	0.00	1	1163.83	23	3032.42	23	212.20	31	
101	305	106	Min.	12.50	0.00	1	0.00	1	0.00	1	-1247.54	1	-2944.57	23	80.26	9	
101	305	106	Min.	381.69									403.43	11			
101	305	106	Min.	416.50	0.00	1	0.00	1	0.00	1	-1878.79	1	-3558.38	1	80.26	9	
107	101	-120	Max	20.00	0.00	31	0.00	1	0.00	1	5622.21	13	1579.92	27	75.36	17	
107	101	-120	Max	105.83	0.00	31	0.00	1	0.00	1	4421.84	13	3207.00	27	75.36	17	
107	101	-120	Min.	20.00	0.00	9	0.00	5	0.00	5	2495.81	27	-7708.98	13	-81.63	7	
107	101	-120	Min.	105.83	0.00	9	0.00	5	0.00	5	1295.43	27	-3398.41	13	-81.63	7	
107	-120	-121	Max	0.00	0.00	31	0.00	1	0.00	1	4421.84	13	3207.00	27	75.36	17	
107	-120	-121	Max	92.63									3806.98	27			
107	-120	-121	Max	122.83	0.00	31	0.00	1	0.00	1	2704.01	13	3743.19	27	75.36	17	
107	-120	-121	Min.	0.00	0.00	9	0.00	1	0.00	1	1295.43	27	-3398.42	13	-81.63	7	
107	-120	-121	Min.	116.53									3438.04	9			
107	-120	-121	Min.	122.83	0.00	9	0.00	1	0.00	1	-422.39	27	978.04	13	-81.63	7	
107	-121	-122	Max	0.00	0.00	9	0.00	1	0.00	5	2704.01	13	3743.19	27	75.36	17	
107	-121	-122	Max	28.41									3090.36	21			
107	-121	-122	Max	105.83	0.00	9	0.00	1	0.00	1	1223.93	13	3056.58	13	75.36	17	
107	-121	-122	Min.	0.00	0.00	31	0.00	5	0.00	1	-422.40	27	978.05	13	-81.63	7	
107	-121	-122	Min.	74.84									2816.14	1			
107	-121	-122	Min.	105.83	0.00	31	0.00	5	0.00	5	-1902.48	27	2512.95	27	-81.63	7	
107	-122	-123	Max	0.00	0.00	9	0.00	1	0.00	1	1223.93	13	3056.58	13	75.36	17	
107	-122	-123	Max	87.52									3592.16	13			
107	-122	-123	Max	105.83	0.00	9	0.00	1	0.00	1	-256.15	13	3568.70	13	75.36	17	
107	-122	-123	Min.	0.00	0.00	31	0.00	5	0.00	5	-1902.47	27	2512.95	27	-81.63	7	
107	-122	-123	Min.	14.66									2881.30	19			
107	-122	-123	Min.	105.83	0.00	31	0.00	5	0.00	5	-3382.55	27	-283.71	27	-81.63	7	
107	-123	-124	Max	0.00	0.00	31	0.00	1	0.00	1	-256.14	13	3568.70	13	75.36	17	
107	-123	-124	Max	105.83	0.00	31	0.00	1	0.00	1	-1736.22	13	2514.41	13	75.36	17	
107	-123	-124	Min.	0.00	0.00	9	0.00	1	0.00	1	-3382.55	27	-283.69	27	-81.63	7	
107	-123	-124	Min.	105.83	0.00	9	0.00	1	0.00	1	-4862.63	27	-4646.77	27	-81.63	7	
107	-124	107	Max	0.00	0.00	11	0.00	1	0.00	1	-1736.23	13	2514.40	13	75.36	17	
107	-124	107	Max	68.83	0.00	11	0.00	1	0.00	1	-2698.86	13	987.99	13	75.36	17	
107	-124	107	Min.	0.00	0.00	29	0.00	5	0.00	5	-4862.63	27	-4646.80	27	-81.63	7	
107	-124	107	Min.	68.83	0.00	29	0.00	5	0.00	5	-5825.27	27	-8325.22	27	-81.63	7	
110	302	-115	Max	20.00	0.00	9	0.00	1	0.00	1	8816.97	13	-2782.40	27	162.59	19	
110	302	-115	Max	105.83	0.00	9	0.00	1	0.00	1	6790.45	13	1866.10	27	162.59	19	
110	302	-115	Min.	20.00	0.00	31	0.00	5	0.00	5	6428.99	27	-9880.71	13	-143.38	5	
110	302	-115	Min.	105.83	0.00	31	0.00	5	0.00	5	4402.47	27	-3182.53	13	-143.38	5	
110	-115	-116	Max	0.00	0.00	9	0.00	1	0.00	5	6790.45	13	1866.10	27	162.59	19	
110	-115	-116	Max	122.83	0.00	9	0.00	1	0.00	5	3890.35	13	5492.65	27	162.59	19	
110	-115	-116	Min.	0.00	0.00	13	0.00	1	0.00	1	4402.47	27	-3182.53	13	-143.38	5	
110	-115	-116	Min.	122.83	0.00	13	0.00	1	0.00	1	1502.37	27	3377.26	13	-143.38	5	
110	-116	-117	Max	0.00	0.00	29	0.00	1	0.00	5	3890.34	13	5492.66	27	162.59	19	
110	-116	-117	Max	63.50									5970.65	27			
110	-116	-117	Max	105.83	0.00	29	0.00	1	0.00	1	1391.62	13	6172.42	15	162.59	19	
110	-116	-117	Min.	0.00	0.00	11	0.00	5	0.00	1	1502.36	27	3377.28	13	-143.38	5	
110	-116	-117	Min.	104.64									5905.54	1			
110	-116	-117	Min.	105.83	0.00	11	0.00	5	0.00	5	-996.36	27	5760.32	25	-143.38	5	
110	-117	-118	Max	0.00	0.00	29	0.00	17	0.00	17	691.63	13	6172.41	15	162.59	19	
110	-117	-118	Max	29.29									6273.62	13			
110	-117	-118	Max	105.83	0.00	29	0.00	17	0.00	17	-1807.10	13	5582.04	13	162.59	19	
110	-117	-118	Min.	0.00	0.00	11	0.00	5	0.00	5	-1696.35	27	5760.32	25	-143.38	5	
110	-117	-118	Min.	23.96									6238.67	31			
110	-117	-118	Min.	105.83	0.00	11	0.00	5	0.00	5	-4195.08	27	2642.87	27	-143.38	5	
110	-118	-119	Max	0.00	0.00	27	0.00	5	0.00	1	-2507.09	13	5582.05	13	162.59	19	
110	-118	-119	Max	105.83	0.00	27	0.00	5	0.00	5	-5005.81	13	1606.47	13	162.59	19	
110	-118	-119	Min.	0.00	0.00	13	0.00	1	0.00	1	-4895.07	27	2642.88	27	-143.38	5	
110	-118	-119	Min.	105.83	0.00	13	0.00	1	0.00	1	-7393.80	27	-3859.98	27	-143.38	5	
110	-119	-155	Max	0.00	0.00	13	0.00	1	0.00	1	-5705.83	13	1606.44	13	162.59	19	
110	-119	-155	Max	68.83	0.00	13	0.00	1	0.00	1	-7330.99	13	-2880.40	13	162.59	19	
110	-119	-155	Min.	0.00	0.00	27	0.00	21	0.00	5	-8093.81	27	-3860.02	27	-143.38	5	
110	-119	-155	Min.	68.83	0.00	27	0.00	21	0.00	21	-9718.97	27	-9990.59	27	-143.38	5	
112	403	-95	Max	20.00	0.00	29	0.00	1	0.00	17	8846.28	13	-2912.09	27	104.77	17	

112	403	-95	Max	105.83	0.00	29	0.00	1	0.00	17	6791.43	13	1796.45	27	104.77	17
112	403	-95	Min.	20.00	0.00	11	0.00	5	0.00	5	6513.10	27	-9684.62	13	-118.73	7
112	403	-95	Min.	105.83	0.00	11	0.00	5	0.00	5	4458.25	27	-2973.44	13	-118.73	7
112	-95	-96	Max	0.00	0.00	25	0.00	1	0.00	5	6791.43	13	1796.45	27	104.77	17
112	-95	-96	Max	122.83	0.00	25	0.00	1	0.00	5	3850.80	13	5466.62	27	104.77	17
112	-95	-96	Min.	0.00	0.00	15	0.00	17	0.00	1	4458.25	27	-2973.44	13	-118.73	7
112	-95	-96	Min.	122.83	0.00	15	0.00	17	0.00	17	1517.62	27	3562.66	13	-118.73	7
112	-96	-97	Max	0.00	0.00	17	0.00	1	0.00	5	3850.79	13	5466.63	27	104.77	17
112	-96	-97	Max	63.50									5947.65	27		
112	-96	-97	Max	105.83	0.00	17	0.00	1	0.00	1	1317.14	13	6300.38	31	104.77	17
112	-96	-97	Min.	0.00	0.00	5	0.00	5	0.00	1	1517.61	27	3562.68	13	-118.73	7
112	-96	-97	Min.	64.85									5930.03	9		
112	-96	-97	Min.	105.83	0.00	5	0.00	5	0.00	5	-1016.04	27	5729.03	9	-118.73	7
112	-97	-98	Max	0.00	0.00	17	0.00	17	0.00	17	617.15	13	6300.38	31	104.77	17
112	-97	-98	Max	25.50									6377.61	15		
112	-97	-98	Max	105.83	0.00	17	0.00	17	0.00	17	-1916.50	13	5609.79	13	104.77	17
112	-97	-98	Min.	0.00	0.00	5	0.00	5	0.00	5	-1716.04	27	5729.03	9	-118.73	7
112	-97	-98	Min.	24.60									6370.37	29		
112	-97	-98	Min.	105.83	0.00	5	0.00	5	0.00	5	-4249.69	27	2575.18	27	-118.73	7
112	-98	-99	Max	0.00	0.00	25	0.00	5	0.00	5	-2616.49	13	5609.80	13	104.77	17
112	-98	-99	Max	105.83	0.00	25	0.00	5	0.00	5	-5150.14	13	1499.95	13	104.77	17
112	-98	-99	Min.	0.00	0.00	13	0.00	17	0.00	1	-4949.68	27	2575.19	27	-118.73	7
112	-98	-99	Min.	105.83	0.00	13	0.00	17	0.00	17	-7483.33	27	-4003.93	27	-118.73	7
112	-99	-15	Max	0.00	0.00	13	0.00	1	0.00	1	-5850.16	13	1499.92	13	104.77	17
112	-99	-15	Max	68.83	0.00	13	0.00	1	0.00	1	-7498.03	13	-3094.09	13	104.77	17
112	-99	-15	Min.	0.00	0.00	27	0.00	21	0.00	5	-8183.34	27	-4003.99	27	-118.73	7
112	-99	-15	Min.	68.83	0.00	27	0.00	21	0.00	21	-9831.21	27	-10204.00	27	-118.73	7
114	404	-100	Max	20.00	0.00	11	0.00	1	0.00	17	8321.22	31	-2196.98	9	111.75	19
114	404	-100	Max	105.83	0.00	11	0.00	1	0.00	17	6266.37	31	2060.85	9	111.75	19
114	404	-100	Min.	20.00	0.00	29	0.00	5	0.00	5	5988.01	9	-8969.15	31	-109.12	5
114	404	-100	Min.	105.83	0.00	29	0.00	5	0.00	5	3933.16	9	-2708.65	31	-109.12	5
114	-100	-101	Max	0.00	0.00	15	0.00	1	0.00	5	6266.36	31	2060.85	9	111.75	19
114	-100	-101	Max	122.83	0.00	15	0.00	1	0.00	5	3325.73	31	5086.04	9	111.75	19
114	-100	-101	Min.	0.00	0.00	25	0.00	17	0.00	1	3933.16	9	-2708.65	31	-109.12	5
114	-100	-101	Min.	122.83	0.00	25	0.00	17	0.00	17	992.53	9	3182.50	31	-109.12	5
114	-101	-102	Max	0.00	0.00	31	0.00	1	0.00	5	3325.73	31	5086.05	9	111.75	19
114	-101	-102	Max	41.46									5291.79	9		
114	-101	-102	Max	105.83	0.00	31	0.00	1	0.00	1	792.08	31	5364.30	13	111.75	19
114	-101	-102	Min.	0.00	0.00	9	0.00	5	0.00	1	992.52	9	3182.51	31	-109.12	5
114	-101	-102	Min.	76.89									5089.48	21		
114	-101	-102	Min.	105.83	0.00	9	0.00	5	0.00	5	-1541.13	9	4792.95	27	-109.12	5
114	-102	-103	Max	0.00	0.00	31	0.00	17	0.00	17	792.09	31	5364.30	13	111.75	19
114	-102	-103	Max	33.09									5492.54	31		
114	-102	-103	Max	105.83	0.00	31	0.00	17	0.00	17	-1741.57	31	4859.08	31	111.75	19
114	-102	-103	Min.	0.00	0.00	9	0.00	5	0.00	5	-1541.12	9	4792.95	27	-109.12	5
114	-102	-103	Min.	31.89									5483.71	15		
114	-102	-103	Min.	105.83	0.00	9	0.00	5	0.00	5	-4074.77	9	1824.00	9	-109.12	5
114	-103	-104	Max	0.00	0.00	25	0.00	5	0.00	5	-1741.56	31	4859.08	31	111.75	19
114	-103	-104	Max	105.83	0.00	25	0.00	5	0.00	5	-4275.21	31	1675.21	31	111.75	19
114	-103	-104	Min.	0.00	0.00	15	0.00	17	0.00	1	-4074.76	9	1824.02	9	-109.12	5
114	-103	-104	Min.	105.83	0.00	15	0.00	17	0.00	17	-6608.41	9	-3829.16	9	-109.12	5
114	-104	-16	Max	0.00	0.00	29	0.00	1	0.00	1	-4275.22	31	1675.18	31	111.75	19
114	-104	-16	Max	68.83	0.00	29	0.00	1	0.00	1	-5923.09	31	-1834.74	31	111.75	19
114	-104	-16	Min.	0.00	0.00	11	0.00	21	0.00	5	-6608.43	9	-3829.21	9	-109.12	5
114	-104	-16	Min.	68.83	0.00	11	0.00	21	0.00	21	-8256.30	9	-8945.16	9	-109.12	5
116	305	-105	Max	20.00	0.00	11	0.00	1	0.00	1	8798.62	31	-2753.53	9	149.65	17
116	305	-105	Max	105.83	0.00	11	0.00	1	0.00	1	6772.10	31	1878.95	9	149.65	17
116	305	-105	Min.	20.00	0.00	29	0.00	5	0.00	5	6410.33	9	-9849.24	31	-150.89	7
116	305	-105	Min.	105.83	0.00	29	0.00	5	0.00	5	4383.81	9	-3166.81	31	-150.89	7
116	-105	-106	Max	0.00	0.00	29	0.00	1	0.00	5	6772.10	31	1878.96	9	149.65	17
116	-105	-106	Max	122.83	0.00	29	0.00	1	0.00	5	3872.00	31	5482.59	9	149.65	17
116	-105	-106	Min.	0.00	0.00	11	0.00	1	0.00	1	4383.81	9	-3166.82	31	-150.89	7
116	-105	-106	Min.	122.83	0.00	11	0.00	1	0.00	1	1483.71	9	3370.43	31	-150.89	7
116	-106	-107	Max	0.00	0.00	11	0.00	1	0.00	5	3871.99	31	5482.60	9	149.65	17
116	-106	-107	Max	62.84									5948.79	9		
116	-106	-107	Max	105.83	0.00	11	0.00	1	0.00	1	1373.27	31	6146.07	31	149.65	17
116	-106	-107	Min.	0.00	0.00	29	0.00	5	0.00	1	1483.70	9	3370.45	31	-150.89	7
116	-106	-107	Min.	103.72									5878.48	21		
116	-106	-107	Min.	105.83	0.00	29	0.00	5	0.00	5	-1015.02	9	5730.61	9	-150.89	7
116	-107	-108	Max	0.00	0.00	11	0.00	17	0.00	17	673.28	31	6146.06	31	149.65	17
116	-107	-108	Max	28.52									6242.06	31		
116	-107	-108	Max	105.83	0.00	11	0.00	17	0.00	17	-1825.45	31	5536.37	31	149.65	17
116	-107	-108	Min.	0.00	0.00	29	0.00	5	0.00	5	-1715.01	9	5730.61	9	-150.89	7
116	-107	-108	Min.	23.14									6206.56	13		
116	-107	-108	Min.	105.83	0.00	29	0.00	5	0.00	5	-4213.74	9	2593.31	9	-150.89	7
116	-108	-109	Max	0.00	0.00	17	0.00	5	0.00	1	-2525.44	31	5536.37	31	149.65	17
116	-108	-109	Max	105.83	0.00	17	0.00	5	0.00	5	-5024.17	31	1541.37	31	149.65	17
116	-108	-109	Min.	0.00	0.00	5	0.00	1	0.00	1	-4913.73	9	2593.33	9	-150.89	7
116	-108	-109	Min.	105.83	0.00	5	0.00	1	0.00	1	-7412.46	9	-3929.28	9	-150.89	7
116	-109	-7	Max	0.00	0.00	31	0.00	1	0.00	1	-5724.18	31	1541.34	31	149.65	17
116	-109	-7	Max	68.83	0.00	31	0.00	1	0.00	1	-7349.34	31	-2958.13	31	149.65	17
116	-109	-7	Min.	0.00	0.00	9	0.00	21	0.00	5	-8112.47	9	-3929.33	9	-150.89	7
116	-109	-7	Min.	68.83	0.00	9	0.00	21	0.00	21	-9737.63	9	-10072.70	9	-150.89	7
119	106	-110	Max	20.00	0.00	25	0.00	1	0.00	1	5614.92	31	1524.68	9	78.48	17
119	106	-110	Max	105.83	0.00	25	0.00	1	0.00	1	4414.54	31	3179.31	9	78.48	17
119	106	-110	Min.	20.00	0.00	15	0.00	5	0.00	5	2527.91	9	-7691.96	31	-75.14	7
119	106	-110	Min.	105.83	0.00	15	0.00	5	0.00	5	1327.53	9	-3387.65	31	-75.14	7
119	-110	-111	Max	0.00	0.00	5	0.00	1	0.00	1	4414.54	31	3179.31	9	78.48	17
119	-110	-111	Max	94.93									3			

119	-110	-111	Min.	0.00	0.00	17	0.00	1	0.00	1	1327.53	9	-3387.65	31	-75.14	7
119	-110	-111	Min.	118.59									3445.89	27		
119	-110	-111	Min.	122.83	0.00	17	0.00	1	0.00	1	-390.29	9	979.85	31	-75.14	7
119	-111	-112	Max	0.00	0.00	13	0.00	1	0.00	5	2696.71	31	3754.93	9	78.48	17
119	-111	-112	Max	29.89									3106.56	1		
119	-111	-112	Max	105.83	0.00	13	0.00	1	0.00	1	1216.63	31	3050.67	31	78.48	17
119	-111	-112	Min.	0.00	0.00	25	0.00	5	0.00	1	-390.30	9	979.86	31	-75.14	7
119	-111	-112	Min.	75.91									2833.04	21		
119	-111	-112	Min.	105.83	0.00	25	0.00	5	0.00	5	-1870.38	9	2558.65	9	-75.14	7
119	-112	-113	Max	0.00	0.00	13	0.00	1	0.00	1	1216.64	31	3050.67	31	78.48	17
119	-112	-113	Max	87.00									3579.88	31		
119	-112	-113	Max	105.83	0.00	13	0.00	1	0.00	1	-263.44	31	3555.06	31	78.48	17
119	-112	-113	Min.	0.00	0.00	25	0.00	5	0.00	5	-1870.37	9	2558.66	9	-75.14	7
119	-112	-113	Min.	15.12									2893.79	7		
119	-112	-113	Min.	105.83	0.00	25	0.00	5	0.00	5	-3350.45	9	-204.03	9	-75.14	7
119	-113	-114	Max	0.00	0.00	15	0.00	1	0.00	1	-263.44	31	3555.06	31	78.48	17
119	-113	-114	Max	105.83	0.00	15	0.00	1	0.00	1	-1743.52	31	2493.05	31	78.48	17
119	-113	-114	Min.	0.00	0.00	25	0.00	1	0.00	1	-3350.45	9	-204.01	9	-75.14	7
119	-113	-114	Min.	105.83	0.00	25	0.00	1	0.00	1	-4830.53	9	-4533.11	9	-75.14	7
119	-114	112	Max	0.00	0.00	27	0.00	1	0.00	1	-1743.53	31	2493.04	31	78.48	17
119	-114	112	Max	68.83	0.00	27	0.00	1	0.00	1	-2706.16	31	961.60	31	78.48	17
119	-114	112	Min.	0.00	0.00	13	0.00	5	0.00	5	-4830.54	9	-4533.15	9	-75.14	7
119	-114	112	Min.	68.83	0.00	13	0.00	5	0.00	5	-5793.17	9	-8189.47	9	-75.14	7
207	107	113	Max	0.00	0.00	13	0.00	1	0.00	1	1520.28	13	1401.85	27	247.18	23
207	107	113	Max	391.54									268.47	7		
207	107	113	Max	397.50	0.00	13	0.00	1	0.00	1	711.40	13	1541.19	13	247.18	23
207	107	113	Min.	0.00	0.00	9	0.00	1	0.00	1	-413.73	27	-2894.27	13	-169.09	1
207	107	113	Min.	210.59									-13.93	1		
207	107	113	Min.	397.50	0.00	9	0.00	1	0.00	1	-1222.60	27	-1850.36	27	-169.09	1
207	113	119	Max	12.50	0.00	9	0.00	1	0.00	1	1139.04	13	1355.24	27	42.55	21
207	113	119	Max	350.82									357.49	3		
207	113	119	Max	397.50	0.00	9	0.00	1	0.00	1	355.61	13	1230.85	13	42.55	21
207	113	119	Min.	12.50	0.00	13	0.00	1	0.00	1	-468.27	27	-1646.35	13	-15.40	3
207	113	119	Min.	218.66									132.37	23		
207	113	119	Min.	397.50	0.00	13	0.00	1	0.00	1	-1251.70	27	-1955.70	27	-15.40	3
207	119	125	Max	12.50	0.00	25	0.00	1	0.00	1	994.57	13	716.83	27	12.02	25
207	119	125	Max	74.89									756.44	27		
207	119	125	Max	577.50	0.00	25	0.00	1	0.00	1	-155.15	13	680.19	13	12.02	25
207	119	125	Min.	12.50	0.00	15	0.00	1	0.00	1	126.96	27	-1691.16	13	-3.28	15
207	119	125	Min.	310.19									287.52	23		
207	119	125	Min.	577.50	0.00	15	0.00	1	0.00	1	-1022.76	27	-1813.79	27	-3.28	15
207	125	231	Max	12.50	0.00	11	0.00	1	0.00	1	1149.40	13	813.23	27	15.03	19
207	125	231	Max	564.91									1166.66	15		
207	125	231	Max	577.50	0.00	9	0.00	1	0.00	1	-0.32	13	1240.35	13	15.03	19
207	125	231	Min.	12.50	0.00	29	0.00	1	0.00	1	82.46	27	-2005.79	13	-56.04	5
207	125	231	Min.	280.96									320.00	1		
207	125	231	Min.	577.50	0.00	13	0.00	1	0.00	1	-1067.26	27	-1968.83	27	-56.04	5
219	112	118	Max	0.00	0.00	5	0.00	1	0.00	1	1512.68	31	1332.15	9	168.35	21
219	112	118	Max	395.50									274.20	19		
219	112	118	Max	397.50	-0.00	5	0.00	1	0.00	1	707.69	31	1534.16	31	168.35	21
219	112	118	Min.	0.00	0.00	17	0.00	1	0.00	1	-391.56	9	-2878.84	31	-245.84	3
219	112	118	Min.	215.85									-23.88	21		
219	112	118	Min.	397.50	-0.00	1	0.00	1	0.00	1	-1196.55	9	-1824.22	9	-245.84	3
219	118	124	Max	12.50	0.00	9	0.00	1	0.00	1	1135.06	31	1365.84	9	15.12	23
219	118	124	Max	350.64									356.05	23		
219	118	124	Max	397.50	0.00	9	0.00	1	0.00	1	355.39	31	1227.77	31	15.12	23
219	118	124	Min.	12.50	0.00	29	0.00	1	0.00	1	-473.16	9	-1641.36	31	-42.41	1
219	118	124	Min.	217.10									132.93	3		
219	118	124	Min.	397.50	0.00	29	0.00	1	0.00	1	-1252.83	9	-1956.70	9	-42.41	1
219	124	130	Max	12.50	0.00	15	0.00	1	0.00	1	990.67	31	717.71	9	2.97	29
219	124	130	Max	74.06									756.09	9		
219	124	130	Max	577.50	0.00	15	0.00	1	0.00	1	-153.53	31	679.47	31	2.97	29
219	124	130	Min.	12.50	0.00	25	0.00	1	0.00	1	124.67	9	-1685.44	31	-11.94	11
219	124	130	Min.	309.89									285.86	3		
219	124	130	Min.	577.50	0.00	25	0.00	1	0.00	1	-1019.53	9	-1810.26	9	-11.94	11
219	130	136	Max	12.50	0.00	13	0.00	1	0.00	1	1144.86	31	815.77	9	56.10	17
219	130	136	Max	565.29									1163.34	29		
219	130	136	Max	577.50	0.00	13	0.00	1	0.00	1	0.67	31	1237.40	31	56.10	17
219	130	136	Min.	12.50	0.00	27	0.00	1	0.00	1	79.68	9	-1998.72	31	-15.11	7
219	130	136	Min.	280.70									318.54	21		
219	130	136	Min.	577.50	0.00	27	0.00	1	0.00	1	-1064.52	9	-1966.42	9	-15.11	7
303	113	-131	Max	12.47	-643.54	17	318.80	15	-44.44	9	1415.80	23	1447.11	1	25.23	31
303	113	-131	Max	145.35	-629.03	17	318.80	15	42.98	13	1208.68	23	1217.13	1	25.23	31
303	113	-131	Min.	12.47	-1678.84	7	-15.37	25	-382.80	31	-69.50	1	-2103.31	23	-24.36	9
303	113	-131	Min.	145.35	-1664.33	7	-15.37	25	-67.01	27	-276.63	1	-359.54	23	-24.36	9
303	-131	-132	Max	0.00	-663.05	25	33.72	31	24.50	13	795.19	23	1220.33	1	23.89	31
303	-131	-132	Max	142.35	-647.51	25	33.72	31	69.67	13	573.32	23	612.01	23	23.89	31
303	-131	-132	Min.	0.00	-1566.35	15	24.02	9	-72.93	27	-718.02	1	-362.01	23	-24.74	9
303	-131	-132	Min.	142.35	-1550.81	15	24.02	9	-35.91	27	-939.90	1	40.32	1	-24.74	9
303	-132	314	Max	0.00	-673.34	27	183.06	27	56.65	13	164.08	23	609.30	23	22.93	31
303	-132	314	Max	105.27					89.90	23			695.66	23		
303	-132	314	Max	129.88	-659.16	27	183.06	27	188.28	27	-38.36	23	690.94	23	22.93	31
303	-132	314	Min.	0.00	-1462.18	13	-7.18	13	-49.48	27	-1377.58	1	43.89	1	-25.63	9
303	-132	314	Min.	94.07					98.59	5			667.23	5		
303	-132	314	Min.	129.88	-1448.00	13	-7.18	13	47.32	13	-1580.02	1	-1876.75	1	-25.63	9
303	314	-147	Max	12.47	-517.08	17	180.82	31	18.19	9	1123.81	21	548.78	3	19.49	27
303	314	-147	Max	175.93	-499.23	17	180.82	31	78.36	13	869.02	21	184.41	7	19.49	27
303	314	-147	Min.	12.47	-1595.86	7	-31.79	9	-220.42	31	-107.81	3	-1446.84	21	-21.23	13
303	314	-147	Min.	175.93	-1578.02	7	-31.79	9	-36.98	27	-362.59	3	161.83	17	-21.23	13
303	-147	415	Max	0.00	-573.46	25	96.61	27	60.47	13	375.98	21	181.50	7	18.95	27

303	-147	415	Max	162.46	-555.72	25	96.61	27	112.17	27	122.76	21	583.97	21	18.95	27
303	-147	415	Min.	0.00	-1429.42	15	1.73	13	-44.78	27	-892.41	3	164.80	17	-22.48	13
303	-147	415	Min.	162.46	-1411.68	15	1.73	13	63.27	13	-1145.63	3	-1488.02	3	-22.48	13
303	415	-10	Max	12.47	-633.25	25	297.41	31	72.82	9	1342.80	23	289.22	1	81.16	27
303	415	-10	Max	209.51					216.23	19			564.00	19		
303	415	-10	Max	221.04	-610.48	25	297.41	31	391.25	31	1017.71	23	907.83	23	81.16	27
303	415	-10	Min.	12.47	-1563.70	15	-56.31	9	-229.06	31	278.04	1	-1553.84	23	-221.68	13
303	415	-10	Min.	190.85					83.70	1			537.20	1		
303	415	-10	Min.	221.04	-1540.94	15	-56.31	9	-44.62	9	-47.06	1	530.10	1	-221.68	13
303	-10	416	Max	0.00	-600.55	27	-9.45	27	450.67	13	50.64	21	903.64	3	219.15	31
303	-10	416	Max	13.82					262.36	7			560.31	7		
303	-10	416	Max	208.57	-623.32	27	-9.45	27	-5.59	27	-274.45	21	292.54	21	219.15	31
303	-10	416	Min.	0.00	-1531.02	13	-363.63	13	14.12	27	-1014.14	3	525.93	21	-83.53	9
303	-10	416	Min.	32.49					119.77	21			534.16	21		
303	-10	416	Min.	208.57	-1553.79	13	-363.63	13	-307.76	13	-1339.24	3	-1550.60	3	-83.53	9
303	416	-149	Max	12.47	-538.90	11	26.95	31	65.56	9	1147.55	23	583.10	1	23.48	31
303	416	-149	Max	174.93	-556.63	11	26.95	31	60.98	31	894.33	23	180.29	19	23.48	31
303	416	-149	Min.	12.47	-1394.33	29	-66.46	9	17.20	31	-122.96	1	-1491.18	23	-17.90	9
303	416	-149	Min.	174.93	-1412.06	29	-66.46	9	-42.41	9	-376.18	1	164.79	5	-17.90	9
303	-149	317	Max	0.00	-482.61	5	51.66	27	75.66	31	364.52	23	183.21	19	22.45	31
303	-149	317	Max	163.46	-500.45	5	51.66	27	49.24	27	109.73	23	551.93	23	22.45	31
303	-149	317	Min.	0.00	-1560.77	19	-159.91	13	-37.84	9	-869.21	1	161.86	5	-18.22	9
303	-149	317	Min.	163.46	-1578.62	19	-159.91	13	-188.35	13	-1123.99	1	-1448.29	1	-18.22	9
303	317	-151	Max	12.47	-635.75	9	-3.63	31	205.85	9	1574.23	21	695.18	3	24.54	27
303	317	-151	Max	32.98					106.90	3			698.47	3		
303	317	-151	Max	145.35	-650.26	9	-3.63	31	57.11	31	1367.11	21	600.06	19	24.54	27
303	317	-151	Min.	12.47	-1425.01	31	-194.27	9	61.94	31	31.97	3	-1875.77	21	-22.76	13
303	317	-151	Min.	44.14					116.18	17			669.40	17		
303	317	-151	Min.	145.35	-1439.52	31	-194.27	9	-52.31	9	-175.15	3	78.53	5	-22.76	13
303	-151	-152	Max	0.00	-622.77	11	-37.01	27	70.23	31	925.31	21	602.98	3	23.66	27
303	-151	-152	Max	142.35	-638.31	11	-37.01	27	4.91	31	703.43	21	1234.18	21	23.66	27
303	-151	-152	Min.	0.00	-1530.96	29	-50.35	13	-38.94	9	-588.23	3	74.94	21	-23.72	13
303	-151	-152	Min.	142.35	-1546.50	29	-50.35	13	-97.98	9	-810.10	3	-392.27	3	-23.72	13
303	-152	118	Max	0.00	-602.62	5	66.17	9	23.39	31	266.13	21	1231.09	21	23.28	27
303	-152	118	Max	129.88	-616.80	5	66.17	9	-5.95	11	63.70	21	1445.28	21	23.28	27
303	-152	118	Min.	0.00	-1644.03	19	-292.00	31	-91.91	9	-1219.80	3	-389.95	3	-25.06	13
303	-152	118	Min.	129.88	-1658.21	19	-292.00	31	-355.88	29	-1422.24	3	-2105.66	3	-25.06	13
304	119	-129	Max	12.47	-798.03	3	301.05	31	-2.17	9	1457.91	7	1256.37	17	78.60	27
304	119	-129	Max	71.39					-98.18	17			1283.42	17		
304	119	-129	Max	145.35	-783.53	3	301.05	31	30.52	13	1250.79	7	1240.79	17	78.60	27
304	119	-129	Min.	12.47	-2428.55	21	-72.97	9	-374.59	31	91.84	17	-2034.71	7	-78.92	13
304	119	-129	Min.	88.52					-109.09	3			1237.59	3		
304	119	-129	Min.	145.35	-2414.05	21	-72.97	9	-104.20	27	-115.29	17	-234.97	7	-78.92	13
304	-129	-130	Max	0.00	-978.79	3	72.27	31	8.26	13	735.66	7	1240.72	17	78.19	27
304	-129	-130	Max	142.35	-963.25	3	72.27	31	106.21	13	513.78	7	654.48	5	78.19	27
304	-129	-130	Min.	0.00	-2147.14	21	43.38	9	-110.08	27	-662.73	17	-234.98	7	-80.48	13
304	-129	-130	Min.	142.35	-2131.60	21	43.38	9	-43.41	27	-884.61	17	139.25	19	-80.48	13
304	-130	320	Max	0.00	-1163.28	3	204.65	27	90.51	13	3.87	5	654.51	5	77.14	27
304	-130	320	Max	2.60					-3.57	5			654.55	5		
304	-130	320	Max	129.88	-1149.10	3	204.65	27	207.44	27	-198.57	5	528.07	5	77.14	27
304	-130	320	Min.	0.00	-1860.60	21	-47.63	13	-58.34	27	-1427.50	19	139.18	19	-81.58	13
304	-130	320	Min.	2.60					38.84	7			654.42	7		
304	-130	320	Min.	129.88	-1846.43	21	-47.63	13	28.65	13	-1629.94	19	-1846.30	19	-81.58	13
304	320	-137	Max	12.47	-909.45	3	230.57	31	64.02	9	1118.39	7	408.16	17	19.33	27
304	320	-137	Max	16.40					-45.35	1			374.96	1		
304	320	-137	Max	175.93	-891.60	3	230.57	31	107.28	15	863.61	7	205.48	7	19.33	27
304	320	-137	Min.	12.47	-2227.59	21	-80.10	9	-271.89	31	-14.98	17	-1414.42	7	-18.18	13
304	320	-137	Min.	18.34					-137.35	3			373.74	3		
304	320	-137	Min.	175.93	-2209.75	21	-80.10	9	-69.19	25	-269.76	17	175.44	17	-18.18	13
304	-137	421	Max	0.00	-1152.62	3	127.54	25	85.20	13	251.23	7	205.50	7	18.93	27
304	-137	421	Max	161.21					78.89	7			407.96	7		
304	-137	421	Max	162.46	-1134.89	3	127.54	25	132.47	25	-1.99	7	407.95	7	18.93	27
304	-137	421	Min.	0.00	-1862.77	21	-12.38	15	-74.78	27	-924.69	17	175.43	17	-19.72	13
304	-137	421	Min.	145.71					89.99	21			366.24	21		
304	-137	421	Min.	162.46	-1845.03	21	-12.38	15	65.05	15	-1177.91	17	-1532.50	17	-19.72	13
304	421	-11	Max	12.47	-1341.33	19	341.74	31	109.62	9	1402.18	5	31.42	19	86.41	27
304	421	-11	Max	221.04	-1318.56	19	341.74	31	449.70	31	1077.08	5	1002.88	27	86.41	27
304	421	-11	Min.	12.47	-2094.50	5	-110.37	9	-263.07	31	594.56	19	-1611.14	5	-167.91	13
304	421	-11	Min.	221.04	-2071.74	5	-110.37	9	-120.57	9	269.47	19	903.95	13	-167.91	13
304	-11	422	Max	0.00	-1313.20	7	60.54	27	490.22	13	-269.21	7	1002.65	9	166.68	31
304	-11	422	Max	208.57	-1335.97	7	60.54	27	45.93	27	-594.31	7	31.72	7	166.68	31
304	-11	422	Min.	0.00	-2066.61	17	-391.89	13	-80.33	27	-1076.95	17	903.72	31	-87.56	9
304	-11	422	Min.	208.57	-2089.38	17	-391.89	13	-327.14	13	-1402.05	17	-1611.10	17	-87.56	9
304	422	-140	Max	12.47	-1126.74	23	37.42	29	89.39	11	1177.97	5	408.01	19	20.36	31
304	422	-140	Max	13.72					36.27	19			408.02	19		
304	422	-140	Max	174.93	-1144.47	23	37.42	29	82.94	29	924.75	5	205.80	19	20.36	31
304	422	-140	Min.	12.47	-1836.89	1	-101.96	11	22.16	29	2.14	19	-1532.19	5	-18.11	9
304	422	-140	Min.	29.18					51.27	1			366.63	1		
304	422	-140	Min.	174.93	-1854.62	1	-101.96	11	-76.25	11	-251.08	19	175.84	5	-18.11	9
304	-140	323	Max	0.00	-883.76	23	101.75	27	102.33	29	269.84	5	205.78	19	19.02	31
304	-140	323	Max	159.58					-14.93	21			375.50	21		
304	-140	323	Max	163.46	-901.60	23	101.75	27	95.00	27	15.06	5	408.70	5	19.02	31
304	-140	323	Min.	0.00	-2201.90	1	-208.45	13	-73.39	11	-863.44	19	175.86	5	-18.33	9
304	-140	323	Min.	157.78					-107.36	23			374.59	23		
304	-140	323	Min.	163.46	-2219.74	1	-208.45	13	-240.48	13	-1118.22	19	-1413.84	19	-18.33	9
304	323	-145	Max	12.47	-1141.70	23	38.08	31	219.29	9	1622.99	7	529.89	17	81.54	31
304	323	-145	Max	135.50					1.77	17			647.85	17		
304	323	-145	Max	145.35	-11											

304	323	-145	Min.	145.35	-1857.51	1	-213.57	9	-64.51	9	-15.37	17	174.16	7	-76.55	9
304	-145	-146	Max	0.00	-954.33	23	-44.97	27	106.06	31	867.93	7	647.07	17	80.43	31
304	-145	-146	Max	142.35	-969.86	23	-44.97	27	-2.53	31	646.06	7	1251.78	7	80.43	31
304	-145	-146	Min.	0.00	-2130.88	1	-80.25	13	-49.54	9	-530.01	17	174.22	7	-77.60	9
304	-145	-146	Min.	142.35	-2146.42	1	-80.25	13	-119.20	9	-751.88	17	-265.30	17	-77.60	9
304	-146	124	Max	0.00	-776.71	23	100.31	9	19.13	31	103.64	7	1251.80	7	78.91	31
304	-146	124	Max	66.49					-128.75	7			1286.26	7		
304	-146	124	Max	129.88	-790.88	23	100.31	9	19.00	27	-98.80	7	1254.94	7	78.91	31
304	-146	124	Min.	0.00	-2410.76	1	-288.60	31	-114.37	9	-1262.26	17	-265.26	17	-77.94	9
304	-146	124	Min.	49.23					-79.76	21			1241.69	21		
304	-146	124	Min.	129.88	-2424.94	1	-288.60	31	-358.78	13	-1464.70	17	-2036.13	17	-77.94	9
305	125	-127	Max	12.47	-684.30	1	303.79	31	30.82	9	1570.85	7	1238.32	17	88.88	27
305	125	-127	Max	125.61					-72.46	17			1338.08	17		
305	125	-127	Max	145.35	-669.79	1	303.79	31	37.78	13	1363.73	7	1335.05	17	88.88	27
305	125	-127	Min.	12.47	-3200.76	23	-112.44	9	-372.74	31	176.35	17	-2152.84	7	-78.75	13
305	125	-127	Min.	125.74					-49.92	19			1337.31	19		
305	125	-127	Min.	145.35	-3186.25	23	-112.44	9	-125.43	27	-30.78	17	-203.02	7	-78.75	13
305	-127	-128	Max	0.00	-888.08	1	72.05	31	17.96	13	747.29	7	1334.74	17	88.51	27
305	-127	-128	Max	126.59					-59.84	27			513.94	27		
305	-127	-128	Max	142.35	-872.54	1	72.05	31	113.27	13	525.41	7	703.12	5	88.51	27
305	-127	-128	Min.	0.00	-2879.61	23	50.91	9	-130.73	27	-683.97	17	-203.15	7	-80.14	13
305	-127	-128	Min.	126.98					101.97	31			512.38	31		
305	-127	-128	Min.	142.35	-2864.07	23	50.91	9	-51.01	27	-905.84	17	202.78	19	-80.14	13
305	-128	326	Max	0.00	-1096.44	1	216.94	27	100.50	13	-84.91	7	703.38	5	87.44	27
305	-128	326	Max	129.88	-1082.26	1	216.94	27	215.55	27	-287.34	7	461.44	5	87.44	27
305	-128	326	Min.	0.00	-2552.66	23	-89.93	13	-66.20	27	-1553.64	17	203.06	19	-81.04	13
305	-128	326	Min.	129.88	-2538.48	23	-89.93	13	-16.30	13	-1756.08	17	-1946.03	19	-81.04	13
305	326	-136	Max	12.47	-961.92	1	219.12	31	87.29	9	1161.68	5	329.85	19	23.64	27
305	326	-136	Max	44.25					-96.33	19			337.72	19		
305	326	-136	Max	175.93	-944.07	1	219.12	31	113.67	13	906.89	5	236.20	5	23.64	27
305	326	-136	Min.	12.47	-2749.03	23	-98.55	9	-248.16	31	49.53	19	-1454.44	5	-19.74	13
305	326	-136	Min.	80.56					-52.59	3			276.71	3		
305	326	-136	Min.	175.93	-2731.18	23	-98.55	9	-77.46	27	-205.25	19	202.58	19	-19.74	13
305	-136	427	Max	0.00	-1236.39	1	126.85	25	95.12	13	175.41	5	236.33	5	23.34	27
305	-136	427	Max	112.54					52.99	5			335.03	5		
305	-136	427	Max	162.46	-1218.66	1	126.85	25	125.03	25	-77.81	5	315.61	5	23.34	27
305	-136	427	Min.	0.00	-2334.20	23	-40.19	15	-81.69	27	-985.04	19	202.31	19	-21.04	13
305	-136	427	Min.	74.95					46.30	23			274.72	23		
305	-136	427	Min.	162.46	-2316.46	23	-40.19	15	29.19	15	-1238.26	19	-1603.65	19	-21.04	13
305	427	-12	Max	12.47	-1578.25	17	285.68	31	121.94	9	1546.08	7	-118.11	17	118.52	27
305	427	-12	Max	221.04	-1555.48	17	285.68	31	387.77	31	1220.99	7	1179.59	29	118.52	27
305	427	-12	Min.	12.47	-2438.09	7	-118.28	9	-208.08	31	765.48	17	-1740.30	7	-183.03	13
305	427	-12	Min.	221.04	-2415.32	7	-118.28	9	-124.76	9	440.39	17	1105.20	11	-183.03	13
305	-12	428	Max	0.00	-1555.87	5	73.97	27	423.07	13	-440.66	5	1179.67	15	181.73	31
305	-12	428	Max	208.57	-1578.64	5	73.97	27	64.49	27	-765.76	5	-118.62	5	181.73	31
305	-12	428	Min.	0.00	-2416.06	19	-330.36	13	-89.78	27	-1220.88	19	1105.23	25	-119.75	9
305	-12	428	Min.	208.57	-2438.83	19	-330.36	13	-265.97	13	-1545.97	19	-1740.03	19	-119.75	9
305	428	-139	Max	12.47	-1219.15	21	61.45	29	86.38	11	1239.15	7	315.47	17	21.70	31
305	428	-139	Max	62.60					24.94	17			335.06	17		
305	428	-139	Max	174.93	-1236.88	21	61.45	29	90.87	31	985.93	7	236.72	17	21.70	31
305	428	-139	Min.	12.47	-2317.99	3	-105.39	11	-9.54	29	78.14	17	-1604.71	7	-22.55	9
305	428	-139	Min.	100.53					26.38	3			274.44	3		
305	428	-139	Min.	174.93	-2335.73	3	-105.39	11	-85.41	9	-175.08	17	202.69	7	-22.55	9
305	-139	329	Max	0.00	-944.59	21	119.42	27	107.00	31	206.14	7	236.59	17	20.57	31
305	-139	329	Max	132.25					-75.28	7			339.28	7		
305	-139	329	Max	163.46	-962.44	21	119.42	27	115.13	27	-48.64	7	331.69	7	20.57	31
305	-139	329	Min.	0.00	-2732.75	3	-197.78	13	-83.54	9	-906.56	17	202.97	7	-22.68	9
305	-139	329	Min.	94.33					-4.84	21			277.71	21		
305	-139	329	Min.	163.46	-2750.59	3	-197.78	13	-219.75	13	-1161.35	17	-1453.51	17	-22.68	9
305	329	-143	Max	12.47	-1079.41	21	82.19	31	224.22	9	1748.14	7	463.25	17	80.95	31
305	329	-143	Max	145.35	-1093.91	21	82.19	31	101.91	31	1541.02	7	697.06	17	80.95	31
305	329	-143	Min.	12.47	-2542.82	3	-222.56	9	-7.31	31	279.52	17	-1945.28	7	-87.15	9
305	329	-143	Min.	145.35	-2557.33	3	-222.56	9	-71.53	9	72.39	17	240.14	7	-87.15	9
305	-143	-144	Max	0.00	-868.01	21	-48.84	27	114.64	31	887.28	7	696.81	17	80.05	31
305	-143	-144	Max	3.22					-58.34	9			522.76	9		
305	-143	-144	Max	142.35	-883.55	21	-48.84	27	10.86	31	665.40	7	1344.96	7	80.05	31
305	-143	-144	Min.	0.00	-2871.50	3	-77.88	13	-56.61	9	-543.49	17	239.86	7	-88.19	9
305	-143	-144	Min.	4.44					110.04	13			520.63	13		
305	-143	-144	Min.	142.35	-2887.04	3	-77.88	13	-133.21	9	-765.37	17	-234.76	17	-88.19	9
305	-144	130	Max	0.00	-667.51	21	128.44	11	30.26	31	18.14	7	1345.22	7	78.70	31
305	-144	130	Max	11.63					-42.56	7			1346.28	7		
305	-144	130	Max	129.88	-681.69	21	128.44	11	43.90	27	-184.30	7	1237.32	7	78.70	31
305	-144	130	Min.	0.00	-3190.67	3	-299.24	29	-128.74	9	-1376.22	17	-234.59	17	-88.50	9
305	-144	130	Min.	11.31					-73.05	5			1346.19	5		
305	-144	130	Min.	129.88	-3204.84	3	-299.24	29	-364.21	13	-1578.66	17	-2153.46	17	-88.50	9
306	231	-125	Max	12.47	1068.32	5	195.22	31	13.48	9	1496.08	7	1777.55	17	101.91	27
306	231	-125	Max	145.35	1082.83	5	195.22	31	15.09	13	1288.95	7	1233.72	17	101.91	27
306	231	-125	Min.	12.47	-2699.45	19	-97.73	9	-250.38	31	-305.68	17	-2408.51	7	-19.52	13
306	231	-125	Min.	145.35	-2684.94	19	-97.73	9	-122.44	27	-512.81	17	-558.06	7	-19.52	13
306	-125	-126	Max	0.00	1268.93	5	75.57	31	7.11	13	982.99	7	1233.96	17	101.69	27
306	-125	-126	Max	142.35	1284.47	5	75.57	31	108.37	13	761.11	7	683.36	7	101.69	27
306	-125	-126	Min.	0.00	-2830.50	19	45.51	9	-125.48	27	-841.91	17	-557.99	7	-20.08	13
306	-125	-126	Min.	142.35	-2814.96	19	45.51	9	-54.39	27	-1063.79	17	-122.41	17	-20.08	13
306	-126	332	Max	0.00	1473.09	5	199.57	27	104.01	13	458.28	7	683.09	7	101.14	27
306	-126	332	Max	129.88	1487.26	5	199.57	27	196.82	27	255.84	7	1146.82	7	101.14	27
306	-126	332	Min.	0.00	-2963.88	19	-142.60	13	-62.38	27	-1390.30	17	-122.57	17	-20.38	13
306	-126	332	Min.	129.88	-2949.71	19	-142.60	13	-81.20	13	-1592.74	17				

306	332	-135	Min.	12.47	-1402.76	19	-116.50	11	-171.30	31	-464.13	17	-1770.46	5	0.94	13
306	332	-135	Min.	165.27					-66.76	9			133.80	9		
306	332	-135	Min.	175.93	-1384.92	19	-116.50	11	-84.55	27	-718.91	17	126.34	27	0.94	13
306	-135	433	Max	0.00	137.31	5	143.64	27	84.88	13	676.92	7	160.84	13	85.31	27
306	-135	433	Max	69.70					52.37	15			192.38	15		
306	-135	433	Max	162.46	155.05	5	143.64	27	146.90	27	423.70	7	1031.43	7	85.31	27
306	-135	433	Min.	0.00	-1578.72	19	-51.19	13	-86.45	27	-1112.10	17	126.39	27	0.47	13
306	-135	433	Min.	59.54					-1.56	11			154.33	11		
306	-135	433	Min.	162.46	-1560.99	19	-51.19	13	1.71	13	-1365.32	17	-1862.56	17	0.47	13
306	433	-13	Max	12.47	-526.79	17	120.38	29	146.21	11	1227.13	5	685.85	19	319.17	27
306	433	-13	Max	56.32					9.16	19			700.83	19		
306	433	-13	Max	221.04	-504.02	17	120.38	29	173.82	29	902.03	5	598.61	11	319.17	27
306	433	-13	Min.	12.47	-1124.53	7	-180.17	11	-77.24	29	68.34	19	-1669.97	5	-52.84	13
306	433	-13	Min.	116.44					49.30	3			577.17	3		
306	433	-13	Min.	221.04	-1101.76	7	-180.17	11	-229.57	11	-256.75	19	441.18	29	-52.84	13
306	-13	434	Max	0.00	-497.57	5	147.98	25	193.00	15	257.71	7	598.61	25	49.12	31
306	-13	434	Max	165.34					-25.59	7			702.36	7		
306	-13	434	Max	208.57	-520.34	5	147.98	25	98.13	25	-67.39	7	687.79	7	49.12	31
306	-13	434	Min.	0.00	-1095.42	19	-152.83	15	-210.52	25	-901.94	17	441.11	15	-322.65	9
306	-13	434	Min.	105.22					33.98	23			578.12	23		
306	-13	434	Min.	208.57	-1118.19	19	-152.83	15	-125.76	15	-1227.04	17	-1669.80	17	-322.65	9
306	434	-138	Max	12.47	164.77	17	70.91	31	110.15	9	1365.46	5	1029.25	19	1.49	31
306	434	-138	Max	107.17					34.98	29			190.50	29		
306	434	-138	Max	174.93	147.03	17	70.91	31	79.96	31	1112.24	5	161.04	31	1.49	31
306	434	-138	Min.	12.47	-1553.48	7	-123.79	9	-35.23	31	-422.23	19	-1862.58	5	-83.04	9
306	434	-138	Min.	114.47					-16.89	25			155.39	25		
306	434	-138	Min.	174.93	-1571.22	7	-123.79	9	-90.96	9	-675.45	19	126.60	9	-83.04	9
306	-138	335	Max	0.00	-96.90	17	134.01	25	85.51	31	719.09	5	160.96	31	1.10	31
306	-138	335	Max	95.26					-50.77	15			231.32	15		
306	-138	335	Max	163.46	-114.74	17	134.01	25	133.41	27	464.30	5	1119.65	7	1.10	31
306	-138	335	Min.	0.00	-1377.80	7	-139.80	15	-90.18	9	-1038.06	19	126.54	9	-83.10	9
306	-138	335	Min.	9.76					-71.85	27			133.87	27		
306	-138	335	Min.	163.46	-1395.65	7	-139.80	15	-147.55	13	-1292.84	19	-1770.02	17	-83.10	9
306	335	-141	Max	12.47	1491.34	17	132.12	31	207.38	9	1588.55	5	1145.07	19	20.13	31
306	335	-141	Max	145.35	1476.83	17	132.12	31	106.00	31	1381.43	5	664.23	19	20.13	31
306	335	-141	Min.	12.47	-2947.57	7	-206.60	9	-69.56	31	-258.28	19	-2058.91	5	-100.81	9
306	335	-141	Min.	145.35	-2962.08	7	-206.60	9	-67.17	9	-465.41	19	-85.57	5	-100.81	9
306	-141	-142	Max	0.00	1286.44	17	-42.70	27	110.33	31	1051.94	5	664.51	19	19.82	31
306	-141	-142	Max	142.35	1270.90	17	-42.70	27	1.70	31	830.07	5	1254.07	5	19.82	31
306	-141	-142	Min.	0.00	-2811.85	7	-80.53	13	-59.35	9	-771.01	19	-85.42	5	-101.36	9
306	-141	-142	Min.	142.35	-2827.39	7	-80.53	13	-126.13	9	-992.88	19	-590.92	19	-101.36	9
306	-142	136	Max	0.00	1086.58	17	107.67	27	9.51	31	503.96	5	1253.83	5	19.27	31
306	-142	136	Max	129.88	1072.41	17	107.67	27	23.02	27	301.52	5	1776.91	5	19.27	31
306	-142	136	Min.	0.00	-2683.41	7	-189.60	13	-123.47	9	-1296.08	19	-591.02	19	-101.55	9
306	-142	136	Min.	129.88	-2697.59	7	-189.60	13	-243.38	13	-1498.52	19	-2405.81	19	-101.55	9
308	-133	-131	Max	0.00	399.65	11	-0.50	25	3.37	15	214.31	1	0.00	1	2.52	23
308	-133	-131	Max	205.00					-1.32	1			219.67	1		
308	-133	-131	Max	410.00	399.65	11	-0.50	25	-2.01	9	-214.31	1	0.00	1	2.52	23
308	-133	-131	Min.	0.00	3.25	29	-2.67	15	0.04	25	214.31	1	0.00	1	-3.06	1
308	-133	-131	Min.	205.00					-1.32	1			219.67	1		
308	-133	-131	Min.	410.00	3.25	29	-2.67	15	-7.58	31	-214.31	1	0.00	1	-3.06	1
308	-131	-129	Max	0.00	239.40	27	-1.57	9	11.52	31	214.31	1	0.00	1	0.18	9
308	-131	-129	Max	205.00					0.05	1			219.67	1		
308	-131	-129	Max	410.00	239.40	27	-1.57	9	-3.08	9	-214.31	1	0.00	1	0.18	9
308	-131	-129	Min.	0.00	-82.18	13	-5.68	31	3.36	9	214.31	1	0.00	1	0.01	31
308	-131	-129	Min.	205.00					0.05	1			219.67	1		
308	-131	-129	Min.	410.00	-82.18	13	-5.68	31	-11.77	31	-214.31	1	0.00	1	0.01	31
308	-129	-127	Max	0.00	126.81	27	-0.80	9	10.92	31	318.17	1	0.00	1	0.08	1
308	-129	-127	Max	295.00					0.08	1			469.31	1		
308	-129	-127	Max	590.00	126.81	27	-0.80	9	-2.27	9	-318.17	1	0.00	1	0.08	1
308	-129	-127	Min.	0.00	-82.02	13	-3.69	31	2.43	9	318.17	1	0.00	1	0.03	23
308	-129	-127	Min.	295.00					0.08	1			469.31	1		
308	-129	-127	Min.	590.00	-82.02	13	-3.69	31	-10.84	31	-318.17	1	0.00	1	0.03	23
308	-127	-125	Max	0.00	30.64	27	-0.84	9	9.67	31	318.17	1	0.00	1	-0.07	15
308	-127	-125	Max	295.00					0.20	1			469.31	1		
308	-127	-125	Max	590.00	30.64	27	-0.84	9	-2.54	9	-318.17	1	0.00	1	-0.07	15
308	-127	-125	Min.	0.00	-54.23	13	-3.08	31	2.41	9	318.17	1	0.00	1	-0.25	25
308	-127	-125	Min.	295.00					0.20	1			469.31	1		
308	-127	-125	Min.	590.00	-54.23	13	-3.08	31	-8.50	31	-318.17	1	0.00	1	-0.25	25
309	-134	-132	Max	0.00	275.31	9	-1.74	3	4.05	21	212.31	1	0.00	1	2.59	23
309	-134	-132	Max	205.00					-1.05	1			217.62	1		
309	-134	-132	Max	410.00	275.31	9	-1.74	3	-4.70	3	-212.31	1	0.00	1	2.59	23
309	-134	-132	Min.	0.00	-374.76	31	-2.51	21	2.42	3	212.31	1	0.00	1	-3.53	1
309	-134	-132	Min.	205.00					-1.05	1			217.62	1		
309	-134	-132	Min.	410.00	-374.76	31	-2.51	21	-6.25	21	-212.31	1	0.00	1	-3.53	1
309	-132	-130	Max	0.00	222.00	9	-3.60	9	8.35	31	212.31	1	0.00	1	0.06	9
309	-132	-130	Max	205.00					-0.05	1			217.62	1		
309	-132	-130	Max	410.00	222.00	9	-3.60	9	-7.40	9	-212.31	1	0.00	1	0.06	9
309	-132	-130	Min.	0.00	-203.31	31	-4.13	31	7.36	9	212.31	1	0.00	1	-0.14	31
309	-132	-130	Min.	205.00					-0.05	1			217.62	1		
309	-132	-130	Min.	410.00	-203.31	31	-4.13	31	-8.57	31	-212.31	1	0.00	1	-0.14	31
309	-130	-128	Max	0.00	139.40	9	-2.35	1	7.78	31	315.29	1	0.00	1	-0.02	11
309	-130	-128	Max	295.00					0.03	1			465.05	1		
309	-130	-128	Max	590.00	139.40	9	-2.35	1	-6.91	1	-315.29	1	0.00	1	-0.02	11
309	-130	-128	Min.	0.00	-79.34	31	-2.62	23	6.95	9	315.29	1	0.00	1	-0.09	29
309	-130	-128	Min.	295.00					0.03	1			465.05	1		
309	-130	-128	Min.	590.00	-79.34	31	-2.62	23	-7.67	23	-315.29	1	0.00	1	-0.09	29
309	-128	-126	Max	0.00	44.50	13	-1.70	13	7.80	27	315.29	1	0.00	1	0.32	15
309	-128	-126	Max	295.00					0.21	1			465.05	1		
309	-128	-126	Max	590.00	44.50	13	-1.70	13	-4.37	13	-315.29	1	0.00	1	0.32	15

309	-128	-126	Min.	0.00	19.62	27	-2.68	27	5.63	13	315.29	1	0.00	1	0.12	25
309	-128	-126	Min.	295.00					0.21	1			465.05	1		
309	-128	-126	Min.	590.00	19.62	27	-2.68	27	-8.01	27	-315.29	1	0.00	1	0.12	25
310	308	314	Max	0.00	900.75	9	-23.52	9	53.27	31	516.13	1	0.00	1	159.02	23
310	308	314	Max	198.75					-24.58	1			512.91	1		
310	308	314	Max	397.50	900.75	9	-23.52	9	-70.66	9	-516.13	1	0.00	1	159.02	23
310	308	314	Min.	0.00	-604.74	31	-38.78	31	22.82	9	516.13	1	0.00	1	-198.76	1
310	308	314	Min.	198.75					-24.58	1			512.91	1		
310	308	314	Min.	397.50	-604.74	31	-38.78	31	-100.89	31	-516.13	1	0.00	1	-198.76	1
310	314	320	Max	12.50	643.95	9	-46.95	25	156.17	15	1059.56	13	996.48	27	5.15	21
310	314	320	Max	395.70					-161.29	31			540.00	31		
310	314	320	Max	397.50	643.95	9	-46.95	25	-86.03	27	59.75	13	653.64	13	5.15	21
310	314	320	Min.	12.50	-552.41	31	-83.26	15	94.59	25	-133.89	27	-1501.05	13	-16.23	3
310	314	320	Min.	233.91					-21.09	23			149.23	23		
310	314	320	Min.	397.50	-552.41	31	-83.26	15	-164.51	13	-1133.70	27	-1443.64	27	-16.23	3
310	320	326	Max	12.50	352.26	9	-20.42	25	118.99	15	968.06	13	20.98	27	2.73	21
310	320	326	Max	385.27					-38.95	13			488.83	13		
310	320	326	Max	577.50	352.26	9	-20.42	25	-58.94	25	-499.19	13	9.04	13	2.73	21
310	320	326	Min.	12.50	-463.38	31	-42.44	15	56.42	25	483.54	27	-1315.51	13	-8.19	3
310	320	326	Min.	274.68					4.91	1			369.14	1		
310	320	326	Min.	577.50	-463.38	31	-42.44	15	-120.80	15	-983.71	27	-1392.00	27	-8.19	3
310	326	332	Max	12.50	-41.26	9	-24.07	11	98.02	29	1209.97	13	91.80	27	50.07	19
310	326	332	Max	478.43					-48.09	13			1005.90	13		
310	326	332	Max	577.50	-41.26	9	-24.07	11	-69.21	5	-257.28	13	878.46	13	50.07	19
310	326	332	Min.	12.50	-213.43	31	-31.68	29	64.57	11	449.29	27	-1812.90	13	-30.15	5
310	326	332	Min.	276.14					4.77	21			405.36	21		
310	326	332	Min.	577.50	-213.43	31	-31.68	29	-83.20	19	-1017.96	27	-1514.69	27	-30.15	5
311	-148	-147	Max	0.00	350.03	9	-1.35	9	4.68	31	256.39	1	0.00	1	3.02	21
311	-148	-147	Max	205.00					-0.88	1			262.80	1		
311	-148	-147	Max	410.00	350.03	9	-1.35	9	-3.28	9	-256.39	1	0.00	1	3.02	21
311	-148	-147	Min.	0.00	-281.05	31	-3.06	31	2.24	9	256.39	1	0.00	1	-3.09	3
311	-148	-147	Min.	205.00					-0.88	1			262.80	1		
311	-148	-147	Min.	410.00	-281.05	31	-3.06	31	-7.88	31	-256.39	1	0.00	1	-3.09	3
311	-147	-137	Max	0.00	203.47	9	-1.54	9	11.20	31	256.39	1	0.00	1	0.05	3
311	-147	-137	Max	205.00					0.01	1			262.80	1		
311	-147	-137	Max	410.00	203.47	9	-1.54	9	-2.94	9	-256.39	1	0.00	1	0.05	3
311	-147	-137	Min.	0.00	-185.19	31	-5.60	31	3.39	9	256.39	1	0.00	1	-0.05	21
311	-147	-137	Min.	205.00					0.01	1			262.80	1		
311	-147	-137	Min.	410.00	-185.19	31	-5.60	31	-11.76	31	-256.39	1	0.00	1	-0.05	21
311	-137	-136	Max	0.00	100.69	9	-0.70	9	10.93	31	378.72	1	0.00	1	0.03	1
311	-137	-136	Max	295.00					0.08	1			558.62	1		
311	-137	-136	Max	590.00	100.69	9	-0.70	9	-2.01	9	-378.72	1	0.00	1	0.03	1
311	-137	-136	Min.	0.00	-117.71	31	-3.66	31	2.11	9	378.72	1	0.00	1	-0.02	23
311	-137	-136	Min.	295.00					0.08	1			558.62	1		
311	-137	-136	Min.	590.00	-117.71	31	-3.66	31	-10.65	31	-378.72	1	0.00	1	-0.02	23
311	-136	-135	Max	0.00	-7.20	3	-0.54	11	8.56	29	378.72	1	0.00	1	0.14	7
311	-136	-135	Max	295.00					0.32	1			558.62	1		
311	-136	-135	Max	590.00	-7.20	3	-0.54	11	-1.56	11	-378.72	1	0.00	1	0.14	7
311	-136	-135	Min.	0.00	-43.72	21	-2.65	29	1.61	11	378.72	1	0.00	1	-0.27	17
311	-136	-135	Min.	295.00					0.32	1			558.62	1		
311	-136	-135	Min.	590.00	-43.72	21	-2.65	29	-7.07	29	-378.72	1	0.00	1	-0.27	17
312	409	415	Max	0.00	1374.10	9	15.47	9	67.12	31	566.32	1	0.00	1	206.99	23
312	409	415	Max	198.75					-30.53	1			562.78	1		
312	409	415	Max	397.50	1374.10	9	15.47	9	1.54	9	-566.32	1	0.00	1	206.99	23
312	409	415	Min.	0.00	-1089.14	31	-48.22	31	-59.93	9	566.32	1	0.00	1	-132.14	1
312	409	415	Min.	198.75					-30.53	1			562.78	1		
312	409	415	Min.	397.50	-1089.14	31	-48.22	31	-124.56	31	-566.32	1	0.00	1	-132.14	1
312	415	421	Max	12.50	1020.97	9	-13.49	9	184.26	31	1032.27	13	810.48	27	21.43	21
312	415	421	Max	13.81					34.73	25			792.67	25		
312	415	421	Max	397.50	1020.97	9	-13.49	9	-19.26	9	-64.75	13	480.38	13	21.43	21
312	415	421	Min.	12.50	-842.11	31	-98.12	31	32.70	9	-4.76	27	-1382.11	13	5.32	3
312	415	421	Min.	238.53					-27.14	23			166.40	23		
312	415	421	Min.	397.50	-842.11	31	-98.12	31	-193.51	31	-1101.78	27	-1319.60	27	5.32	3
312	421	427	Max	12.50	607.78	11	-1.27	9	139.63	31	1004.57	13	-154.95	27	11.45	31
312	421	427	Max	365.05					-34.56	13			485.89	13		
312	421	427	Max	577.50	607.78	11	-1.27	9	-4.19	9	-605.34	13	-157.12	13	11.45	31
312	421	427	Min.	12.50	-573.66	29	-49.65	31	2.99	9	594.88	27	-1284.93	13	-0.09	9
312	421	427	Min.	274.64					1.88	1			405.05	1		
312	421	427	Min.	577.50	-573.66	29	-49.65	31	-140.91	31	-1015.03	27	-1341.86	27	-0.09	9
312	427	433	Max	12.50	108.91	11	5.54	11	107.44	29	1252.37	13	-169.15	27	6.87	17
312	427	433	Max	452.02					-37.96	13			972.45	13		
312	427	433	Max	577.50	108.91	11	5.54	11	20.51	11	-357.54	13	748.13	13	6.87	17
312	427	433	Min.	12.50	-198.41	29	-33.48	29	-10.81	11	608.16	27	-1779.77	13	-49.80	7
312	427	433	Min.	231.16					1.98	9			474.97	9		
312	427	433	Min.	577.50	-198.41	29	-33.48	29	-81.72	29	-1001.74	27	-1281.01	27	-49.80	7
313	-9	-10	Max	0.00	1806.26	9	32.93	3	-21.48	21	614.85	1	0.00	1	370.77	21
313	-9	-10	Max	205.00					-5.67	1			630.22	1		
313	-9	-10	Max	410.00	1806.26	9	32.93	3	61.78	3	-614.85	1	0.00	1	370.77	21
313	-9	-10	Min.	0.00	-260.51	31	8.36	21	-73.25	3	614.85	1	0.00	1	-361.98	3
313	-9	-10	Min.	205.00					-5.67	1			630.22	1		
313	-9	-10	Min.	410.00	-260.51	31	8.36	21	12.77	21	-614.85	1	0.00	1	-361.98	3
313	-10	-11	Max	0.00	1269.73	9	22.61	5	-9.55	19	619.19	31	154.16	9	14.72	7
313	-10	-11	Max	126.62					-10.57	9			394.59	9		
313	-10	-11	Max	410.00	1269.73	9	22.61	5	58.58	5	-610.50	31	-468.51	31	14.72	7
313	-10	-11	Min.	0.00	-338.16	31	-0.61	19	-34.10	5	379.77	9	-486.32	31	-14.28	17
313	-10	-11	Min.	206.45					4.39	31			152.84	31		
313	-10	-11	Min.	410.00	-338.16	31	-0.61	19	-12.06	19	-849.93	9	-809.68	9	-14.28	17
313	-11	-41	Max	0.00	903.56	9	173.36	3	180.29	21	887.57	31	-632.72	9	1.25	3
313	-11	-41	Max	176.67	903.56	9	173.36	3	93.84	17	357.70	31	332.21	9	1.25	3
313	-11	-41	Min.	0.00	-534.71	31	-161.78	21	-214.50	3	811.13	9	-857.32	31	-1.28	21

313	-11	-41	Min.	176.67	-534.71	31	-161.78	21	-107.60	7	281.26	9	242.66	31	-1.28	21
313	-41	-42	Max	0.00	752.19	9	21.99	3	93.84	17	357.69	31	332.22	9	1.25	3
313	-41	-42	Max	93.77					32.54	9			464.09	9		
313	-41	-42	Max	191.67	752.19	9	21.99	3	133.91	3	-217.17	31	377.33	31	1.25	3
313	-41	-42	Min.	0.00	-383.35	31	-10.42	21	-107.61	7	281.25	9	242.67	31	-1.28	21
313	-41	-42	Min.	119.26					-35.37	31			455.96	31		
313	-41	-42	Min.	191.67	-383.35	31	-10.42	21	-125.50	21	-293.61	9	320.37	9	-1.28	21
313	-42	-12	Max	0.00	582.33	9	161.16	7	133.91	3	-217.15	31	377.35	31	1.25	3
313	-42	-12	Max	221.67	582.33	9	161.16	7	232.94	7	-881.99	31	-840.87	31	1.25	3
313	-42	-12	Min.	0.00	-213.49	31	-149.59	17	-125.50	21	-293.59	9	320.39	9	-1.28	21
313	-42	-12	Min.	221.67	-213.49	31	-149.59	17	-198.88	17	-958.43	9	-1067.26	9	-1.28	21
313	-12	-43	Max	0.00	326.27	9	195.23	3	219.75	21	1115.43	31	-823.07	9	15.85	7
313	-12	-43	Max	161.67	326.27	9	195.23	3	62.73	17	630.55	31	262.38	9	15.85	7
313	-12	-43	Min.	0.00	-381.22	31	-182.54	21	-255.97	3	913.85	9	-1252.96	31	-15.77	17
313	-12	-43	Min.	161.67	-381.22	31	-182.54	21	-78.44	7	428.97	9	158.38	31	-15.77	17
313	-43	-44	Max	0.00	181.07	9	50.03	3	62.74	17	630.54	31	262.40	9	15.85	7
313	-43	-44	Max	186.72					-145.07	23			717.60	23		
313	-43	-44	Max	191.67	181.07	9	50.03	3	155.54	3	55.68	31	816.03	31	15.85	7
313	-43	-44	Min.	0.00	-236.02	31	-37.34	21	-78.44	7	428.96	9	158.40	31	-15.77	17
313	-43	-44	Min.	143.02					40.38	9			569.16	9		
313	-43	-44	Min.	191.67	-236.02	31	-37.34	21	-146.93	21	-145.89	9	533.67	9	-15.77	17
313	-44	-13	Max	0.00	5.04	9	141.18	7	155.54	3	55.70	31	816.03	31	15.85	7
313	-44	-13	Max	18.57					-33.26	31			821.20	31		
313	-44	-13	Max	236.67	5.04	9	141.18	7	188.91	7	-654.12	31	107.90	31	15.85	7
313	-44	-13	Min.	0.00	-59.99	31	-128.49	17	-146.93	21	-145.87	9	533.68	9	-15.77	17
313	-44	-13	Min.	18.57					44.25	13			821.17	13		
313	-44	-13	Min.	236.67	-59.99	31	-128.49	17	-150.27	17	-855.70	9	-651.51	9	-15.77	17
314	410	416	Max	0.00	1052.59	27	60.47	13	32.11	27	566.32	1	0.00	1	142.60	21
314	410	416	Max	198.75					24.06	1			562.78	1		
314	410	416	Max	397.50	1052.59	27	60.47	13	146.25	13	-566.32	1	0.00	1	142.60	21
314	410	416	Min.	0.00	-1414.09	13	-2.97	27	-94.13	13	566.32	1	0.00	1	-199.51	3
314	410	416	Min.	198.75					24.06	1			562.78	1		
314	410	416	Min.	397.50	-1414.09	13	-2.97	27	20.30	27	-566.32	1	0.00	1	-199.51	3
314	416	422	Max	12.50	802.25	27	104.16	13	-43.70	27	1026.54	31	822.03	9	-5.00	23
314	416	422	Max	14.25					-47.42	25			789.77	25		
314	416	422	Max	397.50	802.25	27	104.16	13	205.55	13	-70.48	31	470.29	31	-5.00	23
314	416	422	Min.	12.50	-1063.62	13	19.47	27	-195.45	13	-10.28	9	-1370.13	31	-21.11	1
314	416	422	Min.	236.47					27.99	3			165.49	3		
314	416	422	Min.	397.50	-1063.62	13	19.47	27	31.24	27	-1107.29	9	-1329.29	9	-21.11	1
314	422	428	Max	12.50	471.96	25	52.90	13	-12.00	27	1002.32	31	-148.90	9	0.12	27
314	422	428	Max	364.27					36.53	31			484.30	31		
314	422	428	Max	577.50	471.96	25	52.90	13	150.20	13	-607.59	31	-163.49	31	0.12	27
314	422	428	Min.	12.50	-710.90	15	4.51	27	-148.66	13	592.73	9	-1278.62	31	-11.54	13
314	422	428	Min.	273.91					-2.55	21			405.46	21		
314	422	428	Min.	577.50	-710.90	15	4.51	27	13.47	27	-1017.18	9	-1347.96	9	-11.54	13
314	428	434	Max	12.50	46.38	25	37.00	15	0.98	25	1248.69	31	-160.50	9	49.71	19
314	428	434	Max	450.73					43.14	31			965.30	31		
314	428	434	Max	577.50	46.38	25	37.00	15	91.83	15	-361.22	31	736.35	31	49.71	19
314	428	434	Min.	12.50	-261.65	15	-2.00	25	-117.22	15	604.63	9	-1770.77	31	-6.88	5
314	428	434	Min.	229.97					-4.07	27			475.87	27		
314	428	434	Min.	577.50	-261.65	15	-2.00	25	-10.33	25	-1005.28	9	-1292.33	9	-6.88	5
315	-150	-149	Max	0.00	366.42	27	2.20	13	-0.36	27	256.39	1	0.00	1	3.04	23
315	-150	-149	Max	205.00					0.99	1			262.80	1		
315	-150	-149	Max	410.00	366.42	27	2.20	13	6.16	13	-256.39	1	0.00	1	3.04	23
315	-150	-149	Min.	0.00	-268.21	13	0.46	27	-2.87	13	256.39	1	0.00	1	-3.04	1
315	-150	-149	Min.	205.00					0.99	1			262.80	1		
315	-150	-149	Min.	410.00	-268.21	13	0.46	27	1.53	27	-256.39	1	0.00	1	-3.04	1
315	-149	-140	Max	0.00	210.08	27	4.88	13	-1.91	27	256.39	1	0.00	1	0.05	1
315	-149	-140	Max	205.00					-0.09	1			262.80	1		
315	-149	-140	Max	410.00	210.08	27	4.88	13	10.30	13	-256.39	1	0.00	1	0.05	1
315	-149	-140	Min.	0.00	-180.59	13	0.83	27	-9.70	13	256.39	1	0.00	1	-0.05	23
315	-149	-140	Min.	205.00					-0.09	1			262.80	1		
315	-149	-140	Min.	410.00	-180.59	13	0.83	27	1.48	27	-256.39	1	0.00	1	-0.05	23
315	-140	-139	Max	0.00	103.50	27	3.24	13	-0.85	27	378.72	1	0.00	1	0.02	3
315	-140	-139	Max	295.00					-0.07	1			558.62	1		
315	-140	-139	Max	590.00	103.50	27	3.24	13	9.42	13	-378.72	1	0.00	1	0.02	3
315	-140	-139	Min.	0.00	-116.18	13	0.28	27	-9.67	13	378.72	1	0.00	1	-0.03	21
315	-140	-139	Min.	295.00					-0.07	1			558.62	1		
315	-140	-139	Min.	590.00	-116.18	13	0.28	27	0.78	27	-378.72	1	0.00	1	-0.03	21
315	-139	-138	Max	0.00	-5.58	23	2.26	15	-0.45	25	378.72	1	0.00	1	0.27	5
315	-139	-138	Max	295.00					-0.22	1			558.62	1		
315	-139	-138	Max	590.00	-5.58	23	2.26	15	5.92	15	-378.72	1	0.00	1	0.27	5
315	-139	-138	Min.	0.00	-41.51	1	0.15	25	-7.38	15	378.72	1	0.00	1	-0.14	19
315	-139	-138	Min.	295.00					-0.22	1			558.62	1		
315	-139	-138	Min.	590.00	-41.51	1	0.15	25	0.42	25	-378.72	1	0.00	1	-0.14	19
316	311	317	Max	0.00	1015.22	27	38.69	13	-31.80	27	518.08	1	0.00	1	204.14	21
316	311	317	Max	198.75					16.60	1			514.84	1		
316	311	317	Max	397.50	1015.22	27	38.69	13	95.57	13	-518.08	1	0.00	1	204.14	21
316	311	317	Min.	0.00	-500.28	13	24.99	27	-58.21	13	518.08	1	0.00	1	-167.29	3
316	311	317	Min.	198.75					16.60	1			514.84	1		
316	311	317	Min.	397.50	-500.28	13	24.99	27	67.55	27	-518.08	1	0.00	1	-167.29	3
316	317	323	Max	12.50	726.29	27	77.54	29	-84.41	11	1058.38	31	1000.46	9	16.31	23
316	317	323	Max	393.69					149.04	13			532.95	13		
316	317	323	Max	397.50	726.29	27	77.54	29	153.19	29	54.81	31	646.98	31	16.31	23
316	317	323	Min.	12.50	-476.30	13	41.60	11	-145.35	29	-134.41	9	-1495.90	31	-5.67	1
316	317	323	Min.	232.58					18.53	3			149.49	3		
316	317	323	Min.	397.50	-476.30	13	41.60	11	75.76	11	-1137.98	9	-1448.88	9	-5.67	1
316	323	329	Max	12.50	403.93	27	39.40	29	-48.50	11	969.55	31	20.82	9	8.14	23
316	323	329	Max	384.45					35.62	31			488.57	31		
316	323	329	Max	577.50	403.93	27	39.40	29	111.98	29	-503.22	31	2.83	31	8.14	23

316	323	329	Min.	12.50	-414.75	13	17.52	11	-110.61	29	485.42	9	-1314.55	31	-2.77	1
316	323	329	Min.	274.41					-4.60	21			370.57	21		
316	323	329	Min.	577.50	-414.75	13	17.52	11	50.46	11	-987.36	9	-1397.16	9	-2.77	1
316	329	335	Max	12.50	-16.64	27	28.06	15	-54.52	25	1211.11	31	92.08	9	30.21	17
316	329	335	Max	477.12					40.59	31			1002.29	31		
316	329	335	Max	577.50	-16.64	27	28.06	15	72.46	7	-261.66	31	870.96	31	30.21	17
316	329	335	Min.	12.50	-189.07	13	20.37	25	-88.13	15	451.00	9	-1811.24	31	-50.11	7
316	329	335	Min.	275.68					-4.57	1			406.68	1		
316	329	335	Min.	577.50	-189.07	13	20.37	25	58.53	17	-1021.78	9	-1520.38	9	-50.11	7
317	-153	-151	Max	0.00	263.32	27	2.14	1	-2.06	31	214.31	1	0.00	1	3.56	21
317	-153	-151	Max	205.00					1.35	1			219.67	1		
317	-153	-151	Max	410.00	263.32	27	2.14	1	5.75	1	-214.31	1	0.00	1	3.56	21
317	-153	-151	Min.	0.00	-389.02	13	1.66	23	-3.07	9	214.31	1	0.00	1	-2.80	3
317	-153	-151	Min.	205.00					1.35	1			219.67	1		
317	-153	-151	Min.	410.00	-389.02	13	1.66	23	4.71	23	-214.31	1	0.00	1	-2.80	3
317	-151	-145	Max	0.00	205.63	27	4.22	13	-7.51	27	214.31	1	0.00	1	0.14	13
317	-151	-145	Max	205.00					0.01	1			219.67	1		
317	-151	-145	Max	410.00	205.63	27	4.22	13	8.73	13	-214.31	1	0.00	1	0.14	13
317	-151	-145	Min.	0.00	-220.80	13	3.65	27	-8.58	13	214.31	1	0.00	1	-0.06	27
317	-151	-145	Min.	205.00					0.01	1			219.67	1		
317	-151	-145	Min.	410.00	-220.80	13	3.65	27	7.46	27	-214.31	1	0.00	1	-0.06	27
317	-145	-143	Max	0.00	127.13	27	2.62	3	-6.87	27	318.17	1	0.00	1	0.09	15
317	-145	-143	Max	295.00					-0.01	1			469.31	1		
317	-145	-143	Max	590.00	127.13	27	2.62	3	7.65	3	-318.17	1	0.00	1	0.09	15
317	-145	-143	Min.	0.00	-92.03	13	2.33	21	-7.83	13	318.17	1	0.00	1	0.02	25
317	-145	-143	Min.	295.00					-0.01	1			469.31	1		
317	-145	-143	Min.	590.00	-92.03	13	2.33	21	6.83	21	-318.17	1	0.00	1	0.02	25
317	-143	-141	Max	0.00	37.64	31	2.62	9	-5.60	31	318.17	1	0.00	1	-0.11	11
317	-143	-141	Max	295.00					-0.12	1			469.31	1		
317	-143	-141	Max	590.00	37.64	31	2.62	9	7.84	9	-318.17	1	0.00	1	-0.11	11
317	-143	-141	Min.	0.00	11.10	9	1.69	31	-7.63	9	318.17	1	0.00	1	-0.31	29
317	-143	-141	Min.	295.00					-0.12	1			469.31	1		
317	-143	-141	Min.	590.00	11.10	9	1.69	31	4.34	31	-318.17	1	0.00	1	-0.31	29
318	-154	-152	Max	0.00	287.38	27	3.15	13	-1.93	27	212.31	1	0.00	1	2.96	21
318	-154	-152	Max	205.00					0.77	1			217.62	1		
318	-154	-152	Max	410.00	287.38	27	3.15	13	8.11	13	-212.31	1	0.00	1	2.96	21
318	-154	-152	Min.	0.00	-83.06	13	1.10	27	-4.82	13	212.31	1	0.00	1	-2.38	3
318	-154	-152	Min.	205.00					0.77	1			217.62	1		
318	-154	-152	Min.	410.00	-83.06	13	1.10	27	2.60	27	-212.31	1	0.00	1	-2.38	3
318	-152	-146	Max	0.00	185.16	27	5.47	13	-2.81	27	212.31	1	0.00	1	-0.01	13
318	-152	-146	Max	205.00					-0.01	1			217.62	1		
318	-152	-146	Max	410.00	185.16	27	5.47	13	11.37	13	-212.31	1	0.00	1	-0.01	13
318	-152	-146	Min.	0.00	-119.31	13	1.31	27	-11.08	13	212.31	1	0.00	1	-0.18	27
318	-152	-146	Min.	205.00					-0.01	1			217.62	1		
318	-152	-146	Min.	410.00	-119.31	13	1.31	27	2.57	27	-212.31	1	0.00	1	-0.18	27
318	-146	-144	Max	0.00	99.81	9	3.59	13	-2.02	27	315.29	1	0.00	1	-0.04	3
318	-146	-144	Max	295.00					-0.03	1			465.05	1		
318	-146	-144	Max	590.00	99.81	9	3.59	13	10.56	13	-315.29	1	0.00	1	-0.04	3
318	-146	-144	Min.	0.00	-97.03	31	0.66	27	-10.62	13	315.29	1	0.00	1	-0.08	21
318	-146	-144	Min.	295.00					-0.03	1			465.05	1		
318	-146	-144	Min.	590.00	-97.03	31	0.66	27	1.88	27	-315.29	1	0.00	1	-0.08	21
318	-144	-142	Max	0.00	20.83	9	3.01	13	-2.05	27	315.29	1	0.00	1	0.25	11
318	-144	-142	Max	295.00					-0.09	1			465.05	1		
318	-144	-142	Max	590.00	20.83	9	3.01	13	8.29	13	-315.29	1	0.00	1	0.25	11
318	-144	-142	Min.	0.00	-62.12	31	0.72	27	-9.44	13	315.29	1	0.00	1	0.08	29
318	-144	-142	Min.	295.00					-0.09	1			465.05	1		
318	-144	-142	Min.	590.00	-62.12	31	0.72	27	2.20	27	-315.29	1	0.00	1	0.08	29
501	1	2	Max	12.50	0.00	1	0.00	1	0.00	1	2365.27	21	5194.69	3	1349.79	13
501	1	2	Max	341.09									-421.02	29		
501	1	2	Max	416.50	0.00	1	0.00	1	0.00	1	3031.52	23	4495.73	21	1349.79	13
501	1	2	Min.	12.50	0.00	1	0.00	1	0.00	1	-2451.88	3	-5789.48	21	-374.41	27
501	1	2	Min.	403.24									-715.95	13		
501	1	2	Min.	416.50	0.00	1	0.00	1	0.00	1	-1677.79	1	-3131.75	3	-374.41	27
501	2	3	Max	12.50	0.00	1	0.00	1	0.00	1	1587.22	21	3864.06	1	294.03	31
501	2	3	Max	51.53									-307.80	15		
501	2	3	Max	337.50	0.00	1	0.00	1	0.00	1	2541.37	23	3753.97	23	294.03	31
501	2	3	Min.	12.50	0.00	1	0.00	1	0.00	1	-2693.01	3	-2806.08	23	-132.12	9
501	2	3	Min.	300.49									-344.31	29		
501	2	3	Min.	337.50	0.00	1	0.00	1	0.00	1	-1600.15	1	-2990.90	1	-132.12	9
501	3	4	Max	12.50	0.00	1	0.00	1	0.00	1	1306.84	21	4133.83	3	91.78	21
501	3	4	Max	110.73									-526.65	15		
501	3	4	Max	428.50	0.00	1	0.00	1	0.00	1	2471.99	23	3955.04	23	91.78	21
501	3	4	Min.	12.50	0.00	1	0.00	1	0.00	1	-2578.09	3	-3318.99	21	-194.40	3
501	3	4	Min.	416.92									-918.98	13		
501	3	4	Min.	428.50	0.00	1	0.00	1	0.00	1	-1411.43	1	-3494.64	1	-194.40	3
501	4	5	Max	12.50	0.00	1	0.00	1	0.00	1	1699.41	21	3607.95	3	181.29	27
501	4	5	Max	331.00									-167.51	25		
501	4	5	Max	337.50	0.00	1	0.00	1	0.00	1	2731.14	23	3921.78	21	181.29	27
501	4	5	Min.	12.50	0.00	1	0.00	1	0.00	1	-2444.01	3	-3140.17	21	-247.96	13
501	4	5	Min.	26.09									-463.71	15		
501	4	5	Min.	337.50	0.00	1	0.00	1	0.00	1	-1548.01	1	-2751.79	3	-247.96	13
501	5	6	Max	12.50	0.00	1	0.00	1	0.00	1	1672.62	21	4526.36	1	389.93	9
501	5	6	Max	91.71									-389.51	15		
501	5	6	Max	416.50	0.00	1	0.00	1	0.00	1	2441.00	23	5185.77	23	389.93	9
501	5	6	Min.	12.50	0.00	1	0.00	1	0.00	1	-3038.58	3	-3096.47	23	-1337.29	31
501	5	6	Min.	28.72									-676.91	31		
501	5	6	Min.	416.50	0.00	1	0.00	1	0.00	1	-2371.82	1	-5791.82	1	-1337.29	31
506	31	32	Max	12.50	0.00	1	0.00	1	0.00	1	1839.78	7	3243.12	17	680.53	15
506	31	32	Max	416.50	0.00	1	0.00	1	0.00	1	999.13	5	1783.50	7	680.53	15
506	31	32	Min.	12.50	0.00	1	0.00	1	0.00	1	-1044.64	17	-3840.20	7	-800.95	25

506	31	32	Min.	416.50	0.00	1	0.00	1	0.00	1	-1613.87	19	-2120.39	17	-800.95	25
506	32	33	Max	12.50	0.00	1	0.00	1	0.00	1	1311.86	7	1423.49	19	163.35	31
506	32	33	Max	337.50	0.00	1	0.00	1	0.00	1	702.53	5	1658.73	5	163.35	31
506	32	33	Min.	12.50	0.00	1	0.00	1	0.00	1	-628.46	17	-1599.93	5	-167.18	9
506	32	33	Min.	337.50	0.00	1	0.00	1	0.00	1	-1106.73	19	-1310.33	19	-167.18	9
506	33	-6	Max	12.50	0.00	1	0.00	1	0.00	1	563.02	7	1678.34	17	339.31	27
506	33	-6	Max	220.50	0.00	1	0.00	1	0.00	1	-74.00	7	-776.44	15	339.31	27
506	33	-6	Min.	12.50	0.00	1	0.00	1	0.00	1	-1054.66	17	-1344.94	7	-343.76	13
506	33	-6	Min.	220.50	0.00	1	0.00	1	0.00	1	-1506.35	17	-985.22	25	-343.76	13
506	-6	34	Max	0.00	0.00	1	0.00	1	0.00	1	1507.00	5	-776.59	29	327.85	31
506	-6	34	Max	208.00	0.00	1	0.00	1	0.00	1	1055.54	5	1679.81	5	327.85	31
506	-6	34	Min.	0.00	0.00	1	0.00	1	0.00	1	75.71	19	-985.23	11	-353.53	9
506	-6	34	Min.	208.00	0.00	1	0.00	1	0.00	1	-560.95	19	-1341.21	19	-353.53	9
506	34	35	Max	12.50	0.00	1	0.00	1	0.00	1	1107.25	7	1659.99	17	171.12	27
506	34	35	Max	337.50	0.00	1	0.00	1	0.00	1	627.95	5	1425.06	7	171.12	27
506	34	35	Min.	12.50	0.00	1	0.00	1	0.00	1	-703.38	17	-1311.33	7	-160.78	13
506	34	35	Min.	337.50	0.00	1	0.00	1	0.00	1	-1310.84	19	-1600.66	17	-160.78	13
506	35	36	Max	12.50	0.00	1	0.00	1	0.00	1	1615.59	7	1780.24	19	804.96	11
506	35	36	Max	416.50	0.00	1	0.00	1	0.00	1	1044.58	5	3242.26	5	804.96	11
506	35	36	Min.	12.50	0.00	1	0.00	1	0.00	1	-999.27	17	-2120.65	5	-676.03	29
506	35	36	Min.	416.50	0.00	1	0.00	1	0.00	1	-1837.63	19	-3836.03	19	-676.03	29
507	1	7	Max	20.00	0.00	1	0.00	1	0.00	1	2676.99	13	5289.53	27	713.81	3
507	1	7	Max	615.00	0.00	1	0.00	1	0.00	1	1966.83	13	4684.69	13	713.81	3
507	1	7	Min.	20.00	0.00	1	0.00	1	0.00	1	-2001.53	27	-7631.15	13	-825.25	21
507	1	7	Min.	615.00	0.00	1	0.00	1	0.00	1	-1776.22	27	-4694.57	27	-825.25	21
507	7	13	Max	20.00	0.00	1	0.00	1	0.00	1	1459.30	13	5944.07	27	199.49	19
507	7	13	Max	397.50	0.00	1	0.00	1	0.00	1	806.53	13	1454.33	13	199.49	19
507	7	13	Min.	20.00	0.00	1	0.00	1	0.00	1	-2828.51	27	-2950.16	13	-337.90	5
507	7	13	Min.	397.50	0.00	1	0.00	1	0.00	1	-2232.56	27	-3133.06	27	-337.90	5
507	13	19	Max	12.50	0.00	1	0.00	1	0.00	1	1402.06	13	677.38	27	39.96	23
507	13	19	Max	397.50	0.00	1	0.00	1	0.00	1	570.35	15	1570.35	13	39.96	23
507	13	19	Min.	12.50	0.00	1	0.00	1	0.00	1	-436.45	27	-2082.79	13	-103.86	1
507	13	19	Min.	397.50	0.00	1	0.00	1	0.00	1	-959.05	25	-1879.77	27	-103.86	1
507	19	25	Max	12.50	0.00	1	0.00	1	0.00	1	1070.64	13	1398.08	27	284.74	23
507	19	25	Max	577.50	0.00	1	0.00	1	0.00	1	302.04	15	1242.94	13	284.74	23
507	19	25	Min.	12.50	0.00	1	0.00	1	0.00	1	-377.00	27	-1898.94	13	-268.37	1
507	19	25	Min.	577.50	0.00	1	0.00	1	0.00	1	-945.25	25	-1780.15	27	-268.37	1
507	25	31	Max	12.50	0.00	1	0.00	1	0.00	1	1121.13	13	1531.16	27	990.00	7
507	25	31	Max	577.50	0.00	1	0.00	1	0.00	1	616.14	15	2517.77	13	990.00	7
507	25	31	Min.	12.50	0.00	1	0.00	1	0.00	1	-453.97	27	-2056.08	13	-783.91	17
507	25	31	Min.	577.50	0.00	1	0.00	1	0.00	1	-1481.06	25	-3205.89	27	-783.91	17
519	6	12	Max	20.00	0.00	1	0.00	1	0.00	1	2665.85	31	5281.38	9	824.98	1
519	6	12	Max	615.00	0.00	1	0.00	1	0.00	1	1956.73	31	4657.02	31	824.98	1
519	6	12	Min.	20.00	0.00	1	0.00	1	0.00	1	-2001.72	9	-7603.79	31	-712.05	23
519	6	12	Min.	615.00	0.00	1	0.00	1	0.00	1	-1770.54	9	-4681.12	9	-712.05	23
519	12	18	Max	20.00	0.00	1	0.00	1	0.00	1	1444.99	31	5929.28	9	339.08	17
519	12	18	Max	397.50	0.00	1	0.00	1	0.00	1	798.67	31	1444.42	31	339.08	17
519	12	18	Min.	20.00	0.00	1	0.00	1	0.00	1	-2821.05	9	-2919.44	31	-201.25	7
519	12	18	Min.	397.50	0.00	1	0.00	1	0.00	1	-2231.53	9	-3131.03	9	-201.25	7
519	18	24	Max	12.50	0.00	1	0.00	1	0.00	1	1399.69	31	667.74	9	103.40	21
519	18	24	Max	397.50	0.00	1	0.00	1	0.00	1	568.73	29	1565.54	31	103.40	21
519	18	24	Min.	12.50	0.00	1	0.00	1	0.00	1	-430.07	9	-2081.20	31	-40.83	3
519	18	24	Min.	397.50	0.00	1	0.00	1	0.00	1	-956.17	11	-1874.64	9	-40.83	3
519	24	30	Max	12.50	0.00	1	0.00	1	0.00	1	1068.68	31	1400.86	9	267.97	21
519	24	30	Max	577.50	0.00	1	0.00	1	0.00	1	300.45	29	1239.12	31	267.97	21
519	24	30	Min.	12.50	0.00	1	0.00	1	0.00	1	-378.27	9	-1894.47	31	-285.62	3
519	24	30	Min.	577.50	0.00	1	0.00	1	0.00	1	-944.45	11	-1778.92	9	-285.62	3
519	30	36	Max	12.50	0.00	1	0.00	1	0.00	1	1119.01	31	1530.08	9	783.28	5
519	30	36	Max	577.50	0.00	1	0.00	1	0.00	1	612.36	29	2508.78	31	783.28	5
519	30	36	Min.	12.50	0.00	1	0.00	1	0.00	1	-453.92	9	-2050.87	31	-990.08	19
519	30	36	Min.	577.50	0.00	1	0.00	1	0.00	1	-1480.40	11	-3205.95	9	-990.08	19

Tipo di combinazione di carico: SLD

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	101	Max	17.00	-4718.55	26	3121.54	14	2004.78	28	1042.10	4	2372.68	22	29.22	4
1	1	101	Max	310.50	-3984.80	26	3121.54	14	5873.75	14	1042.10	4	1077.27	4	29.22	4
1	1	101	Min.	17.00	-6239.75	16	-52.38	28	-3287.96	14	-1368.37	22	-1981.30	4	-28.81	22
1	1	101	Min.	310.50	-5506.00	16	-52.38	28	1851.05	28	-1368.37	22	-1643.50	22	-28.81	22
2	2	302	Max	17.00	-8851.95	26	3400.04	14	315.56	28	1853.65	4	3247.12	22	29.22	4
2	2	302	Max	310.50	-8118.20	26	3400.04	14	8987.07	14	1853.65	4	2447.95	4	29.22	4
2	2	302	Min.	17.00	-10002.40	16	1895.50	28	-992.06	14	-1973.12	22	-2992.49	4	-28.81	22
2	2	302	Min.	310.50	-9268.66	16	1895.50	28	5878.86	28	-1973.12	22	-2543.99	22	-28.81	22
3	3	403	Max	17.00	-8928.85	28	3247.93	14	296.93	28	1869.27	4	3034.07	22	29.22	4
3	3	403	Max	310.50	-8195.10	28	3247.93	14	9027.63	14	1869.27	4	2386.95	4	29.22	4
3	3	403	Min.	17.00	-10139.50	14	1948.66	28	-505.03	14	-1872.22	22	-3099.35	4	-28.81	22
3	3	403	Min.	310.50	-9405.77	14	1948.65	28	6016.23	28	-1872.22	22	-2460.89	22	-28.81	22
4	4	404	Max	17.00	-8431.38	10	2963.69	32	424.62	10	1888.05	4	3073.54	22	29.22	4
4	4	404	Max	310.50	-7697.63	10	2963.69	32	8321.24	32	1888.05	4	2482.56	4	29.22	4
4	4	404	Min.	17.00	-9641.21	32	1664.52	10	-377.18	32	-1853.47	22	-3058.87	4	-28.81	22
4	4	404	Min.	310.50	-8907.45	32	1664.52	10	5309.99	10	-1853.47	22	-2366.38	22	-28.81	22
5	5	305	Max	17.00	-8821.83	12	3389.63	32	286.94	10	1959.66	2	3011.15	24	29.22	4
5	5	305	Max	310.50	-8088.08	12	3389.63	32	8928.69	32	1959.66	2	2525.68	2	29.22	4
5	5	305	Min.	17.00	-9972.32	30	1885.99	10	-1019.87	32	-1865.75	24	-3225.93	2	-28.81	22
5	5	305	Min.	310.50	-9238.57	30	1885.99	10	5822.32	10	-1865.75	24	-2464.82	24	-28.81	22
6	6	106	Max	17.00	-4739.61	12	3119.66	32	1994.63	10	1371.04	2	1974.27	24	29.22	4
6	6	106	Max	310.50	-4005.86	12	3119.66	32	5874.58	32	1371.04	2	1646.42	2	29.22	4
6	6	106	Min.	17.00	-6246.64	30	-37.56	10	-3281.62	32	-1038.44	24	-2377.60	2	-28.81	22
6	6	106	Min.	310.50	-5512.89	30	-37.56	10	1884.39	10	-1038.44	24	-1073.55	24	-28.81	22

7	7	107	Max	17.00	-5867.78	14	655.50	14	5479.22	28	232.74	4	616.43	22	29.61	4
7	7	107	Max	305.50	-5146.53	14	655.50	14	-826.66	14	232.74	4	56.42	4	29.61	4
7	7	107	Min.	17.00	-6458.66	28	-4073.00	28	-2717.77	14	-347.20	22	-615.02	4	-29.20	22
7	7	107	Min.	305.50	-5737.41	28	-4073.00	28	-6271.39	28	-347.20	22	-385.24	22	-29.20	22
8	8	-155	Max	0.00	-11050.10	14	-2020.85	14	894.57	28	309.92	4	498.61	22	28.31	4
8	8	-155	Max	305.50	-10286.30	14	-2020.85	14	-6188.13	14	309.92	4	460.50	4	28.31	4
8	8	-155	Min.	0.00	-12100.90	28	-3243.36	28	-14.43	14	-347.89	22	-486.29	4	-27.92	22
8	8	-155	Min.	305.50	-11337.20	28	-3243.36	28	-9013.90	28	-347.89	22	-564.20	22	-27.92	22
9	9	-15	Max	0.00	-11315.50	14	-2057.28	14	858.24	28	362.74	4	505.38	22	28.31	4
9	9	-15	Max	305.50	-10551.80	14	-2057.28	14	-6281.09	14	362.74	4	603.65	4	28.31	4
9	9	-15	Min.	0.00	-12357.50	28	-3096.80	28	3.91	14	-367.52	22	-504.52	4	-27.92	22
9	9	-15	Min.	305.50	-11593.70	28	-3096.80	28	-8602.48	28	-367.52	22	-617.39	22	-27.92	22
10	10	-16	Max	0.00	-10724.10	32	-1773.02	32	811.03	10	387.14	2	498.04	22	28.31	4
10	10	-16	Max	305.50	-9960.32	32	-1773.02	32	-5459.59	32	387.14	2	669.84	2	28.31	4
10	10	-16	Min.	0.00	-11760.20	10	-2811.83	10	-43.02	32	-346.27	24	-512.93	4	-27.92	22
10	10	-16	Min.	305.50	-10996.50	10	-2811.83	10	-7779.09	10	-346.27	24	-559.89	24	-27.92	22
11	11	-7	Max	0.00	-10677.20	32	-1970.33	32	885.39	10	323.95	2	496.14	24	28.31	4
11	11	-7	Max	305.50	-9913.49	32	-1970.33	32	-6041.36	32	323.95	2	498.62	2	28.31	4
11	11	-7	Min.	0.00	-11738.60	10	-3187.09	10	-22.01	32	-340.96	24	-491.06	2	-27.92	22
11	11	-7	Min.	305.50	-10974.90	10	-3187.09	10	-8851.19	10	-340.96	24	-545.50	24	-27.92	22
12	12	112	Max	17.00	-5873.84	32	625.92	32	5476.42	10	346.87	2	612.03	24	29.22	4
12	12	112	Max	310.50	-5140.09	32	625.92	32	-847.64	32	346.87	2	400.91	2	29.22	4
12	12	112	Min.	17.00	-6455.99	10	-4060.99	10	-2684.71	32	-229.31	24	-617.16	2	-28.81	22
12	12	112	Min.	310.50	-5722.23	10	-4060.99	10	-6442.60	10	-229.31	24	-61.00	24	-28.81	22
13	13	113	Max	17.00	-1540.45	4	966.57	14	1705.64	28	259.27	2	574.38	24	11.14	4
13	13	113	Max	310.53	-1081.81	4	966.57	14	1355.34	14	259.27	2	321.64	2	11.14	4
13	13	113	Min.	17.00	-2243.75	22	-1050.00	28	-1481.84	14	-556.83	24	-439.40	2	-10.99	22
13	13	113	Min.	310.53	-1785.11	22	-1050.00	28	-1376.42	28	-556.83	24	-1060.10	24	-10.99	22
14	14	314	Max	0.00	-2686.18	28	361.73	14	282.09	28	476.40	2	461.18	24	-5.52	2
14	14	314	Max	340.58	-2154.03	28	361.73	14	779.68	14	476.40	2	1105.87	2	-5.52	2
14	14	314	Min.	0.00	-3211.15	14	-184.12	28	-452.30	14	-366.03	24	-516.63	2	-25.21	24
14	14	314	Min.	340.58	-2679.00	14	-184.12	28	-344.97	28	-366.03	24	-785.42	24	-25.21	24
15	15	415	Max	0.00	-2845.57	28	366.39	14	213.67	28	279.89	2	480.73	24	-2.43	2
15	15	415	Max	365.09	-2275.12	28	366.39	14	853.37	14	279.89	2	619.05	2	-2.43	2
15	15	415	Min.	0.00	-3368.14	14	-117.52	28	-484.26	14	-403.04	24	-402.81	2	-22.21	24
15	15	415	Min.	365.09	-2797.69	14	-117.52	28	-215.39	28	-403.04	24	-990.72	24	-22.21	24
16	16	416	Max	0.00	-2837.65	10	358.62	32	224.22	10	404.01	4	401.96	22	23.53	4
16	16	416	Max	365.09	-2267.20	10	358.62	32	835.72	32	404.01	4	993.40	4	23.53	4
16	16	416	Min.	0.00	-3360.40	32	-125.18	10	-473.58	32	-278.92	22	-481.59	4	3.67	22
16	16	416	Min.	365.09	-2789.95	32	-125.18	10	-232.81	10	-278.92	22	-616.35	22	3.67	22
17	17	317	Max	0.00	-2681.13	10	360.33	32	283.86	10	366.22	4	515.86	22	24.13	4
17	17	317	Max	340.58	-2148.98	10	360.33	32	777.22	32	366.22	4	785.65	4	24.13	4
17	17	317	Min.	0.00	-3205.87	32	-185.03	10	-449.96	32	-475.58	22	-461.62	4	4.31	22
17	17	317	Min.	340.58	-2673.72	32	-185.03	10	-346.32	10	-475.58	22	-1103.84	22	4.31	22
18	18	118	Max	17.00	-1532.10	24	964.26	32	1700.94	10	558.55	4	438.68	22	11.14	4
18	18	118	Max	310.53	-1073.46	24	964.26	32	1353.61	32	558.55	4	1063.66	4	11.14	4
18	18	118	Min.	17.00	-2229.30	2	-1044.68	10	-1476.78	32	-258.17	22	-575.85	4	-10.99	22
18	18	118	Min.	310.53	-1770.66	2	-1044.68	10	-1365.52	10	-258.17	22	-319.12	22	-10.99	22
19	19	119	Max	17.00	-2058.58	4	978.29	14	1368.39	28	223.16	18	567.60	8	11.14	4
19	19	119	Max	310.53	-1599.94	4	978.29	14	1329.98	14	223.16	18	246.62	18	11.14	4
19	19	119	Min.	17.00	-2827.40	22	-840.09	28	-1541.61	14	-587.47	8	-408.42	18	-10.99	22
19	19	119	Min.	310.53	-2368.76	22	-840.09	28	-1097.54	28	-587.47	8	-1156.79	8	-10.99	22
20	20	320	Max	0.00	-3220.53	16	429.91	14	308.88	28	482.95	18	448.98	8	-5.19	2
20	20	320	Max	340.58	-2688.38	16	429.91	14	975.35	14	482.95	18	1130.01	18	-5.19	2
20	20	320	Min.	0.00	-3550.72	26	-233.79	28	-488.81	14	-351.92	8	-514.78	18	-25.47	24
20	20	320	Min.	340.58	-3018.57	26	-233.79	28	-487.35	28	-351.92	8	-749.59	8	-25.47	24
21	21	421	Max	0.00	-3503.64	16	423.72	14	241.06	28	250.58	20	488.69	6	-0.53	2
21	21	421	Max	365.09	-2933.19	16	423.72	14	1028.41	14	250.58	20	534.56	20	-0.53	2
21	21	421	Min.	0.00	-3863.34	26	-162.77	28	-518.55	14	-422.75	6	-380.28	20	-22.61	24
21	21	421	Min.	365.09	-3292.90	26	-162.77	28	-353.20	28	-422.75	6	-1054.72	6	-22.61	24
22	22	422	Max	0.00	-3507.25	30	415.38	32	251.64	10	422.96	18	380.14	8	24.25	4
22	22	422	Max	365.09	-2936.80	30	415.38	32	1008.67	32	422.96	18	1055.19	18	24.25	4
22	22	422	Min.	0.00	-3866.82	12	-171.01	10	-507.82	32	-250.50	8	-488.98	18	2.10	22
22	22	422	Min.	365.09	-3296.37	12	-171.01	10	-372.68	10	-250.50	8	-534.40	8	2.10	22
23	23	323	Max	0.00	-3220.03	30	427.66	32	311.26	10	352.44	20	514.20	6	24.26	4
23	23	323	Max	340.58	-2687.88	30	427.66	32	970.59	32	352.44	20	750.97	20	24.26	4
23	23	323	Min.	0.00	-3549.97	12	-235.63	10	-485.91	32	-482.23	6	-449.36	20	3.87	22
23	23	323	Min.	340.58	-3017.82	12	-235.63	10	-491.24	10	-482.23	6	-1128.16	6	3.87	22
24	24	124	Max	17.00	-2061.98	24	974.43	32	1369.39	10	588.32	20	408.03	8	11.14	4
24	24	124	Max	310.53	-1603.34	24	974.43	32	1324.53	32	588.32	20	1158.90	20	11.14	4
24	24	124	Min.	17.00	-2831.64	2	-841.11	10	-1535.72	32	-222.19	6	-568.13	18	-10.99	22
24	24	124	Min.	310.53	-2373.00	2	-841.11	10	-1099.53	10	-222.19	6	-244.29	6	-10.99	22
25	25	125	Max	17.00	-2403.20	18	878.06	14	1426.92	28	234.75	18	734.21	8	11.14	4
25	25	125	Max	310.53	-1944.56	18	878.06	14	1157.61	14	234.75	18	200.31	18	11.14	4
25	25	125	Min.	17.00	-3117.89	8	-870.58	28	-1419.76	14	-669.56	8	-488.74	18	-10.99	22
25	25	125	Min.	310.53	-2659.25	8	-870.58	28	-1128.49	28	-669.56	8	-1231.16	8	-10.99	22
26	26	326	Max	0.00	-3764.39	6	387.12	14	317.65	28	482.26	18	437.01	8	-6.27	2
26	26	326	Max	340.58	-3232.24	6	387.12	14	852.04	14	482.26	18	1133.66	18	-6.27	2
26	26	326	Min.	0.00	-3941.80	20	-249.99	28	-466.38	14	-337.75	8	-508.80	18	-26.79	24
26	26	326	Min.	340.58	-3409.65	20	-249.99	28	-533.76	28	-337.75	8	-713.29	8	-26.79	24
27	27	427	Max	0.00	-4157.92	6	385.98	14	252.72	28	227.26	18	489.77	8	-1.49	2
27	27	427	Max	365.09	-3587.47	6	385.98	14	912.50	14	227.26	18	468.43	18	-1.49	2
27	27	427	Min.	0.00	-4375.65	20	-181.62	28	-							

29	29	329	Min.	0.00	-3938.84	8	-251.90	10	-463.33	32	-482.12	8	-437.00	18	4.68	22
29	29	329	Min.	340.58	-3406.69	8	-251.90	10	-537.73	10	-482.12	8	-1133.17	8	4.68	22
30	30	130	Max	17.00	-2404.95	6	874.62	32	1427.73	10	669.81	20	488.57	6	11.14	4
30	30	130	Max	310.53	-1946.31	6	874.62	32	1153.20	32	669.81	20	1232.41	20	11.14	4
30	30	130	Min.	17.00	-3119.30	20	-870.93	10	-1414.06	32	-234.01	6	-733.68	20	-10.99	22
30	30	130	Min.	310.53	-2660.66	20	-870.93	10	-1128.73	10	-234.01	6	-198.32	6	-10.99	22
31	31	231	Max	17.00	-1307.42	20	331.67	14	1296.84	28	527.92	18	1458.05	8	11.14	4
31	31	231	Max	310.53	-848.78	20	331.67	14	234.40	14	527.92	18	508.52	18	11.14	4
31	31	231	Min.	17.00	-2107.69	6	-829.18	28	-739.14	14	-933.08	8	-1041.09	18	-10.99	22
31	31	231	Min.	310.53	-1649.05	6	-829.18	28	-1137.05	28	-933.08	8	-1280.83	8	-10.99	22
32	32	332	Max	17.00	-2140.35	14	176.51	14	552.11	28	955.68	18	1446.22	8	-3.68	4
32	32	332	Max	340.58	-1634.76	14	176.51	14	108.33	14	955.68	18	1508.39	18	-3.68	4
32	32	332	Min.	17.00	-2494.20	28	-446.65	28	-462.83	14	-812.76	8	-1583.96	18	-24.83	22
32	32	332	Min.	340.58	-1988.61	28	-446.65	28	-893.14	28	-812.76	8	-1183.69	8	-24.83	22
33	33	433	Max	17.00	-2234.46	16	144.83	14	421.16	28	674.50	20	1290.43	6	6.53	2
33	33	433	Max	365.09	-1690.57	16	144.83	14	61.38	14	674.50	20	1035.67	20	6.53	2
33	33	433	Min.	17.00	-2649.50	26	-386.57	28	-442.76	14	-735.05	6	-1312.17	20	-12.72	24
33	33	433	Min.	365.09	-2105.61	26	-386.57	28	-924.45	28	-735.05	6	-1268.18	6	-12.72	24
34	34	434	Max	17.00	-2238.77	30	133.99	32	441.32	10	734.25	18	1315.61	8	14.76	4
34	34	434	Max	365.09	-1694.89	30	133.99	32	44.03	32	734.25	18	1266.84	18	14.76	4
34	34	434	Min.	17.00	-2653.27	12	-397.30	10	-422.36	32	-676.38	8	-1288.99	18	-4.57	22
34	34	434	Min.	365.09	-2109.38	12	-397.30	10	-941.62	10	-676.37	8	-1038.77	8	-4.57	22
35	35	335	Max	17.00	-2140.10	32	174.15	32	554.83	10	810.92	20	1584.97	6	22.78	2
35	35	335	Max	340.58	-1634.51	32	174.15	32	104.24	32	810.92	20	1181.07	20	22.78	2
35	35	335	Min.	17.00	-2493.90	10	-448.55	10	-459.26	32	-956.15	6	-1442.87	20	1.66	24
35	35	335	Min.	340.58	-1988.32	10	-448.55	10	-896.57	10	-956.15	6	-1508.90	6	1.66	24
36	36	136	Max	17.00	-1308.40	8	330.48	32	1295.76	10	931.61	20	1042.09	6	11.14	4
36	36	136	Max	310.53	-849.76	8	330.48	32	233.76	32	931.61	20	1279.57	20	11.14	4
36	36	136	Min.	17.00	-2108.92	18	-828.13	10	-736.28	32	-528.19	6	-1455.00	20	-10.99	22
36	36	136	Min.	310.53	-1650.27	18	-828.13	10	-1135.06	10	-528.19	6	-508.30	6	-10.99	22
101	101	302	Max	12.50	0.00	6	0.00	2	0.00	2	1025.78	22	1190.07	4	-121.23	28
101	101	302	Max	397.32									364.67	28		
101	101	302	Max	416.50	0.00	6	0.00	2	0.00	2	394.53	22	1157.08	22	-121.23	28
101	101	302	Min.	12.50	0.00	18	0.00	2	0.00	2	-313.96	4	-1711.93	22	-178.61	14
101	101	302	Min.	155.65									185.78	26		
101	101	302	Min.	416.50	0.00	18	0.00	2	0.00	2	-945.21	4	-1353.45	4	-178.61	14
101	302	403	Max	12.50	0.00	2	0.00	10	0.00	14	1092.09	24	1210.93	2	-0.28	28
101	302	403	Max	45.41									190.43	26		
101	302	403	Max	337.50	0.00	2	0.00	10	0.00	10	584.28	24	1219.48	22	-0.28	28
101	302	403	Min.	12.50	0.00	6	0.00	14	0.00	10	-586.90	2	-1504.75	24	-20.68	14
101	302	403	Min.	47.89									178.73	30		
101	302	403	Min.	337.50	0.00	6	0.00	14	0.00	14	-1094.71	2	-1521.81	4	-20.68	14
101	403	-8	Max	12.50	0.00	2	0.00	10	0.00	14	871.97	22	968.01	4	33.53	22
101	403	-8	Max	96.08									253.88	14		
101	403	-8	Max	220.50	0.00	2	0.00	10	0.00	10	546.97	22	132.84	14	33.53	22
101	403	-8	Min.	12.50	0.00	24	0.00	14	0.00	10	-239.13	4	-1343.32	22	16.41	4
101	403	-8	Min.	131.07									194.68	26		
101	403	-8	Min.	220.50	0.00	24	0.00	14	0.00	14	-564.13	4	132.18	28	16.41	4
101	-8	404	Max	0.00	0.00	8	0.00	10	0.00	10	546.97	22	132.84	14	33.53	22
101	-8	404	Max	113.49									232.81	28		
101	-8	404	Max	208.00	0.00	8	0.00	10	0.00	10	221.97	22	932.10	22	33.53	22
101	-8	404	Min.	0.00	0.00	18	0.00	14	0.00	14	-564.13	4	132.18	28	16.41	4
101	-8	404	Min.	78.96									180.89	12		
101	-8	404	Min.	208.00	0.00	18	0.00	14	0.00	14	-889.13	4	-1378.76	4	16.41	4
101	404	305	Max	12.50	0.00	22	0.00	14	0.00	14	1104.89	22	1200.51	4	-7.92	32
101	404	305	Max	311.71									202.34	12		
101	404	305	Max	337.50	0.00	22	0.00	14	0.00	14	597.07	22	1224.56	22	-7.92	32
101	404	305	Min.	12.50	0.00	2	0.00	10	0.00	10	-574.40	4	-1541.12	22	-28.15	10
101	404	305	Min.	56.76									168.36	26		
101	404	305	Min.	337.50	0.00	2	0.00	10	0.00	10	-1082.21	4	-1491.49	4	-28.15	10
101	305	106	Max	12.50	0.00	18	0.00	2	0.00	2	943.12	24	1160.36	2	175.25	32
101	305	106	Max	31.45									366.61	10		
101	305	106	Max	416.50	0.00	18	0.00	2	0.00	2	311.87	24	1186.93	24	175.25	32
101	305	106	Min.	12.50	0.00	2	0.00	2	0.00	2	-395.58	2	-1348.13	24	117.20	10
101	305	106	Min.	273.06									186.80	12		
101	305	106	Min.	416.50	0.00	2	0.00	2	0.00	2	-1026.83	2	-1712.90	2	117.20	10
107	101	-120	Max	20.00	0.00	32	0.00	2	0.00	2	4746.79	14	-1021.06	28	31.40	18
107	101	-120	Max	105.83	0.00	32	0.00	2	0.00	2	3546.41	14	1357.42	28	31.40	18
107	101	-120	Min.	20.00	0.00	10	0.00	6	0.00	6	3371.23	28	-5108.00	14	-37.67	8
107	101	-120	Min.	105.83	0.00	10	0.00	6	0.00	6	2170.86	28	-1548.83	14	-37.67	8
107	-120	-121	Max	0.00	0.00	32	0.00	2	0.00	2	3546.41	14	1357.42	28	31.40	18
107	-120	-121	Max	122.83	0.00	32	0.00	2	0.00	2	1828.59	14	2968.92	28	31.40	18
107	-120	-121	Min.	0.00	0.00	10	0.00	2	0.00	2	2170.85	28	-1548.84	14	-37.67	8
107	-120	-121	Min.	122.83	0.00	10	0.00	2	0.00	2	453.03	28	1752.31	14	-37.67	8
107	-121	-122	Max	0.00	0.00	10	0.00	2	0.00	6	1828.58	14	2968.93	28	31.40	18
107	-121	-122	Max	32.39									3042.30	28		
107	-121	-122	Max	105.83	0.00	10	0.00	2	0.00	2	348.50	14	2904.36	14	31.40	18
107	-121	-122	Min.	0.00	0.00	32	0.00	6	0.00	2	453.03	28	1752.32	14	-37.67	8
107	-121	-122	Min.	78.61									2820.83	2		
107	-121	-122	Min.	105.83	0.00	32	0.00	6	0.00	6	-1027.05	28	2665.17	28	-37.67	8
107	-122	-123	Max	0.00	0.00	10	0.00	2	0.00	2	348.51	14	2904.36	14	31.40	18
107	-122	-123	Max	24.92									2947.78	14		
107	-122	-123	Max	105.83	0.00	10	0.00	2	0.00	2	-1131.57	14	2489.99	14	31.40	18
107	-122	-123	Min.	0.00	0.00	32	0.00	6	0.00	6	-1027.05	28	2665.17	28	-37.67	8
107	-122	-123	Min.	14.41									2898.73	32		
107	-122	-123	Min.	105.83	0.00	32	0.00	6	0.00	6	-2507.13	28	795.00	28	-37.67	8
107	-123	-124	Max	0.00	0.00	32	0.00	2	0.00	2	-1131.57	14	2489.99	14	31.40	18
107	-123	-124	Max	105.83	0.00	32	0.00	2	0.00	2	-2611.64	14	509.21	14	31.40	18
107	-123	-124	Min.	0.00	0.00	10	0.00	2	0.00	2	-2507.12	28	795.			

107	-124	107	Max	0.00	0.00	12	0.00	2	0.00	2	-2611.65	14	509.19	14	31.40	18
107	-124	107	Max	68.83	0.00	12	0.00	2	0.00	2	-3574.29	14	-1619.80	14	31.40	18
107	-124	107	Min.	0.00	0.00	30	0.00	6	0.00	6	-3987.21	28	-2641.59	28	-37.67	8
107	-124	107	Min.	68.83	0.00	30	0.00	6	0.00	6	-4949.85	28	-5717.43	28	-37.67	8
110	302	-115	Max	20.00	0.00	10	0.00	2	0.00	2	8148.31	14	-4770.00	28	76.91	20
110	302	-115	Max	105.83	0.00	10	0.00	2	0.00	2	6121.79	14	452.44	28	76.91	20
110	302	-115	Min.	20.00	0.00	32	0.00	6	0.00	6	7097.65	28	-7893.12	14	-57.71	6
110	302	-115	Min.	105.83	0.00	32	0.00	6	0.00	6	5071.12	28	-1768.86	14	-57.71	6
110	-115	-116	Max	0.00	0.00	10	0.00	2	0.00	6	6121.79	14	452.43	28	76.91	20
110	-115	-116	Max	122.83	0.00	10	0.00	2	0.00	6	3221.70	14	4900.32	28	76.91	20
110	-115	-116	Min.	0.00	0.00	14	0.00	2	0.00	2	5071.12	28	-1768.86	14	-57.71	6
110	-115	-116	Min.	122.83	0.00	14	0.00	2	0.00	2	2171.03	28	3969.59	14	-57.71	6
110	-116	-117	Max	0.00	0.00	30	0.00	2	0.00	6	3221.69	14	4900.33	28	76.91	20
110	-116	-117	Max	91.95									5898.49	28		
110	-116	-117	Max	105.83	0.00	30	0.00	2	0.00	2	722.96	14	6057.02	16	76.91	20
110	-116	-117	Min.	0.00	0.00	12	0.00	6	0.00	2	2171.02	28	3969.60	14	-57.71	6
110	-116	-117	Min.	94.30									5892.07	10		
110	-116	-117	Min.	105.83	0.00	12	0.00	6	0.00	6	-327.70	28	5875.71	26	-57.71	6
110	-117	-118	Max	0.00	0.00	30	0.00	18	0.00	18	22.97	14	6057.02	16	76.91	20
110	-117	-118	Max	1.06									6057.09	14		
110	-117	-118	Max	105.83	0.00	30	0.00	18	0.00	18	-2475.76	14	4759.05	14	76.91	20
110	-117	-118	Min.	0.00	0.00	12	0.00	6	0.00	6	-1027.70	28	5875.71	26	-57.71	6
110	-117	-118	Min.	0.26									6057.03	16		
110	-117	-118	Min.	105.83	0.00	12	0.00	6	0.00	6	-3526.42	28	3465.87	28	-57.71	6
110	-118	-119	Max	0.00	0.00	28	0.00	6	0.00	2	-3175.75	14	4759.05	14	76.91	20
110	-118	-119	Max	105.83	0.00	28	0.00	6	0.00	6	-5674.47	14	75.81	14	76.91	20
110	-118	-119	Min.	0.00	0.00	14	0.00	2	0.00	2	-4226.41	28	3465.88	28	-57.71	6
110	-118	-119	Min.	105.83	0.00	14	0.00	2	0.00	2	-6725.14	28	-2329.32	28	-57.71	6
110	-119	-155	Max	0.00	0.00	14	0.00	2	0.00	2	-6374.49	14	75.78	14	76.91	20
110	-119	-155	Max	68.83	0.00	14	0.00	2	0.00	2	-7999.64	14	-4871.32	14	76.91	20
110	-119	-155	Min.	0.00	0.00	28	0.00	22	0.00	6	-7425.15	28	-2329.36	28	-57.71	6
110	-119	-155	Min.	68.83	0.00	28	0.00	22	0.00	22	-9050.31	28	-7999.67	28	-57.71	6
112	403	-95	Max	20.00	0.00	30	0.00	2	0.00	18	8192.97	14	-4808.46	28	42.19	18
112	403	-95	Max	105.83	0.00	30	0.00	2	0.00	18	6138.12	14	460.83	28	42.19	18
112	403	-95	Min.	20.00	0.00	12	0.00	6	0.00	6	7166.41	28	-7788.25	14	-56.15	8
112	403	-95	Min.	105.83	0.00	12	0.00	6	0.00	6	5111.56	28	-1637.82	14	-56.15	8
112	-95	-96	Max	0.00	0.00	26	0.00	2	0.00	6	6138.12	14	460.83	28	42.19	18
112	-95	-96	Max	122.83	0.00	26	0.00	2	0.00	6	3197.49	14	4933.49	28	42.19	18
112	-95	-96	Min.	0.00	0.00	16	0.00	18	0.00	2	5111.56	28	-1637.83	14	-56.15	8
112	-95	-96	Min.	122.83	0.00	16	0.00	18	0.00	18	2170.93	28	4095.79	14	-56.15	8
112	-96	-97	Max	0.00	0.00	18	0.00	2	0.00	6	3197.48	14	4933.50	28	42.19	18
112	-96	-97	Max	105.30									5979.14	22		
112	-96	-97	Max	105.83	0.00	18	0.00	2	0.00	2	663.83	14	6140.40	32	42.19	18
112	-96	-97	Min.	0.00	0.00	6	0.00	6	0.00	2	2170.92	28	4095.80	14	-56.15	8
112	-96	-97	Min.	91.33									5914.21	10		
112	-96	-97	Min.	105.83	0.00	6	0.00	6	0.00	6	-362.73	28	5889.01	10	-56.15	8
112	-97	-98	Max	0.00	0.00	18	0.00	18	0.00	18	-36.17	14	6140.39	32	42.19	18
112	-97	-98	Max	105.83	0.00	18	0.00	18	0.00	18	-2569.81	14	4760.07	14	42.19	18
112	-97	-98	Min.	0.00	0.00	6	0.00	6	0.00	6	-1062.72	28	5889.01	10	-56.15	8
112	-97	-98	Min.	105.83	0.00	6	0.00	6	0.00	6	-3596.37	28	3424.90	28	-56.15	8
112	-98	-99	Max	0.00	0.00	26	0.00	6	0.00	6	-3269.81	14	4760.08	14	42.19	18
112	-98	-99	Max	105.83	0.00	26	0.00	6	0.00	6	-5803.46	14	-41.19	14	42.19	18
112	-98	-99	Min.	0.00	0.00	14	0.00	18	0.00	2	-4296.36	28	3424.91	28	-56.15	8
112	-98	-99	Min.	105.83	0.00	14	0.00	18	0.00	18	-6830.01	28	-2462.79	28	-56.15	8
112	-99	-15	Max	0.00	0.00	14	0.00	2	0.00	2	-6503.47	14	-41.23	14	42.19	18
112	-99	-15	Max	68.83	0.00	14	0.00	2	0.00	2	-8151.34	14	-5084.93	14	42.19	18
112	-99	-15	Min.	0.00	0.00	28	0.00	22	0.00	6	-7530.03	28	-2462.84	28	-56.15	8
112	-99	-15	Min.	68.83	0.00	28	0.00	22	0.00	22	-9177.90	28	-8213.16	28	-56.15	8
114	404	-100	Max	20.00	0.00	12	0.00	2	0.00	18	7667.90	32	-4093.25	10	49.90	20
114	404	-100	Max	105.83	0.00	12	0.00	2	0.00	18	5613.05	32	725.35	10	49.90	20
114	404	-100	Min.	20.00	0.00	30	0.00	6	0.00	6	6641.33	10	-7072.88	32	-47.28	6
114	404	-100	Min.	105.83	0.00	30	0.00	6	0.00	6	4586.48	10	-1373.14	32	-47.28	6
114	-100	-101	Max	0.00	0.00	16	0.00	2	0.00	6	5613.05	32	725.34	10	49.90	20
114	-100	-101	Max	122.83	0.00	16	0.00	2	0.00	6	2672.42	32	4553.03	10	49.90	20
114	-100	-101	Min.	0.00	0.00	26	0.00	18	0.00	2	4586.48	10	-1373.15	32	-47.28	6
114	-100	-101	Min.	122.83	0.00	26	0.00	18	0.00	18	1645.85	10	3715.51	32	-47.28	6
114	-101	-102	Max	0.00	0.00	32	0.00	2	0.00	6	2672.41	32	4553.04	10	49.90	20
114	-101	-102	Max	96.04									5129.45	4		
114	-101	-102	Max	105.83	0.00	32	0.00	2	0.00	2	138.76	32	5204.32	14	49.90	20
114	-101	-102	Min.	0.00	0.00	10	0.00	6	0.00	2	1645.84	10	3715.52	32	-47.28	6
114	-101	-102	Min.	84.29									5094.59	22		
114	-101	-102	Min.	105.83	0.00	10	0.00	6	0.00	6	-887.81	10	4952.93	28	-47.28	6
114	-102	-103	Max	0.00	0.00	32	0.00	18	0.00	18	138.76	32	5204.32	14	49.90	20
114	-102	-103	Max	5.66									5207.96	30		
114	-102	-103	Max	105.83	0.00	32	0.00	18	0.00	18	-2394.89	32	4009.23	32	49.90	20
114	-102	-103	Min.	0.00	0.00	10	0.00	6	0.00	6	-887.80	10	4952.94	28	-47.28	6
114	-102	-103	Min.	5.27									5206.62	16		
114	-102	-103	Min.	105.83	0.00	10	0.00	6	0.00	6	-3421.45	10	2673.85	10	-47.28	6
114	-103	-104	Max	0.00	0.00	26	0.00	6	0.00	6	-2394.88	32	4009.23	32	49.90	20
114	-103	-104	Max	105.83	0.00	26	0.00	6	0.00	6	-4928.53	32	133.93	32	49.90	20
114	-103	-104	Min.	0.00	0.00	16	0.00	18	0.00	2	-3421.44	10	2673.86	10	-47.28	6
114	-103	-104	Min.	105.83	0.00	16	0.00	18	0.00	18	-5955.09	10	-2287.89	10	-47.28	6
114	-104	-16	Max	0.00	0.00	30	0.00	2	0.00	2	-4928.54	32	133.90	32	49.90	20
114	-104	-16	Max	68.83	0.00	30	0.00	2	0.00	2	-6576.41	32	-3825.73	32	49.90	20
114	-104	-16	Min.	0.00	0.00	12	0.00	22	0.00	6	-5955.11	10	-2287.93	10	-47.28	6
114	-104	-16	Min.	68.83	0.00	12	0.00	22	0.00	22	-7602.98	10	-6954.17	10	-47.28	6
116	305	-105	Max	20.00	0.00	12	0.00	2	0.00	2	8129.88	32	-4740.40	10	65.50	18
116	305	-105	Max	105.83	0.00	12	0.00	2	0.00	2	6103.35	32	466.09	10	65.50	18
116	305	-														

116	-105	-106	Max	0.00	0.00	30	0.00	2	0.00	6	6103.35	32	466.09	10	65.50	18
116	-105	-106	Max	122.83	0.00	30	0.00	2	0.00	6	3203.26	32	4891.17	10	65.50	18
116	-105	-106	Min.	0.00	0.00	12	0.00	2	0.00	2	5052.55	10	-1753.95	32	-66.74	8
116	-105	-106	Min.	122.83	0.00	12	0.00	2	0.00	2	2152.45	10	3961.86	32	-66.74	8
116	-106	-107	Max	0.00	0.00	12	0.00	2	0.00	6	3203.25	32	4891.18	10	65.50	18
116	-106	-107	Max	105.04									5910.48	2		
116	-106	-107	Max	105.83	0.00	12	0.00	2	0.00	2	704.52	32	6029.73	32	65.50	18
116	-106	-107	Min.	0.00	0.00	30	0.00	6	0.00	2	2152.45	10	3961.87	32	-66.74	8
116	-106	-107	Min.	93.53									5865.99	28		
116	-106	-107	Min.	105.83	0.00	30	0.00	6	0.00	6	-346.28	10	5846.94	10	-66.74	8
116	-107	-108	Max	0.00	0.00	12	0.00	18	0.00	18	4.53	32	6029.73	32	65.50	18
116	-107	-108	Max	0.26									6029.73	32		
116	-107	-108	Max	105.83	0.00	12	0.00	18	0.00	18	-2494.19	32	4712.28	32	65.50	18
116	-107	-108	Min.	0.00	0.00	30	0.00	6	0.00	6	-1046.27	10	5846.94	10	-66.74	8
116	-107	-108	Min.	0.26									6029.73	32		
116	-107	-108	Min.	105.83	0.00	30	0.00	6	0.00	6	-3544.99	10	3417.40	10	-66.74	8
116	-108	-109	Max	0.00	0.00	18	0.00	6	0.00	2	-3194.18	32	4712.29	32	65.50	18
116	-108	-109	Max	105.83	0.00	18	0.00	6	0.00	6	-5692.91	32	9.54	32	65.50	18
116	-108	-109	Min.	0.00	0.00	6	0.00	2	0.00	2	-4244.99	10	3417.41	10	-66.74	8
116	-108	-109	Min.	105.83	0.00	6	0.00	2	0.00	2	-6743.71	10	-2397.45	10	-66.74	8
116	-109	-7	Max	0.00	0.00	32	0.00	2	0.00	2	-6392.93	32	9.50	32	65.50	18
116	-109	-7	Max	68.83	0.00	32	0.00	2	0.00	2	-8018.08	32	-4950.29	32	65.50	18
116	-109	-7	Min.	0.00	0.00	10	0.00	22	0.00	6	-7443.73	10	-2397.49	10	-66.74	8
116	-109	-7	Min.	68.83	0.00	10	0.00	22	0.00	22	-9068.88	10	-8080.58	10	-66.74	8
119	106	-110	Max	20.00	0.00	26	0.00	2	0.00	2	4750.53	32	-1056.06	10	35.46	18
119	106	-110	Max	105.83	0.00	26	0.00	2	0.00	2	3550.15	32	1340.50	10	35.46	18
119	106	-110	Min.	20.00	0.00	16	0.00	6	0.00	6	3392.30	10	-5111.21	32	-32.13	8
119	106	-110	Min.	105.83	0.00	16	0.00	6	0.00	6	2191.92	10	-1548.84	32	-32.13	8
119	-110	-111	Max	0.00	0.00	6	0.00	2	0.00	2	3550.15	32	1340.50	10	35.46	18
119	-110	-111	Max	122.83	0.00	6	0.00	2	0.00	2	1832.32	32	2977.88	10	35.46	18
119	-110	-111	Min.	0.00	0.00	18	0.00	2	0.00	2	2191.92	10	-1548.84	32	-32.13	8
119	-110	-111	Min.	122.83	0.00	18	0.00	2	0.00	2	474.10	10	1756.90	32	-32.13	8
119	-111	-112	Max	0.00	0.00	14	0.00	2	0.00	6	1832.32	32	2977.88	10	35.46	18
119	-111	-112	Max	33.90									3058.24	10		
119	-111	-112	Max	105.83	0.00	14	0.00	2	0.00	2	352.24	32	2912.90	32	35.46	18
119	-111	-112	Min.	0.00	0.00	26	0.00	6	0.00	2	474.09	10	1756.90	32	-32.13	8
119	-111	-112	Min.	79.58									2837.80	22		
119	-111	-112	Min.	105.83	0.00	26	0.00	6	0.00	6	-1005.99	10	2696.42	10	-32.13	8
119	-112	-113	Max	0.00	0.00	14	0.00	2	0.00	2	352.25	32	2912.90	32	35.46	18
119	-112	-113	Max	25.19									2957.26	32		
119	-112	-113	Max	105.83	0.00	14	0.00	2	0.00	2	-1127.83	32	2502.48	32	35.46	18
119	-112	-113	Min.	0.00	0.00	26	0.00	6	0.00	6	-1005.98	10	2696.43	10	-32.13	8
119	-112	-113	Min.	14.78									2910.61	14		
119	-112	-113	Min.	105.83	0.00	26	0.00	6	0.00	6	-2486.06	10	848.55	10	-32.13	8
119	-113	-114	Max	0.00	0.00	16	0.00	2	0.00	2	-1127.83	32	2502.49	32	35.46	18
119	-113	-114	Max	105.83	0.00	16	0.00	2	0.00	2	-2607.91	32	525.66	32	35.46	18
119	-113	-114	Min.	0.00	0.00	26	0.00	2	0.00	2	-2486.06	10	848.56	10	-32.13	8
119	-113	-114	Min.	105.83	0.00	26	0.00	2	0.00	2	-3966.14	10	-2565.72	10	-32.13	8
119	-114	112	Max	0.00	0.00	28	0.00	2	0.00	2	-2607.92	32	525.64	32	35.46	18
119	-114	112	Max	68.83	0.00	28	0.00	2	0.00	2	-3570.55	32	-1600.78	32	35.46	18
119	-114	112	Min.	0.00	0.00	14	0.00	6	0.00	6	-3966.14	10	-2565.75	10	-32.13	8
119	-114	112	Min.	68.83	0.00	14	0.00	6	0.00	6	-4928.78	10	-5627.08	10	-32.13	8
207	107	113	Max	0.00	0.00	14	0.00	2	0.00	2	978.74	14	198.89	28	130.62	24
207	107	113	Max	62.81									239.03	28		
207	107	113	Max	397.50	0.00	14	0.00	2	0.00	2	169.86	14	591.52	14	130.62	24
207	107	113	Min.	0.00	0.00	10	0.00	2	0.00	2	127.81	28	-1691.32	14	-52.53	2
207	107	113	Min.	209.94									-19.36	6		
207	107	113	Min.	397.50	0.00	10	0.00	2	0.00	2	-681.06	28	-900.70	28	-52.53	2
207	113	119	Max	12.50	0.00	10	0.00	2	0.00	2	688.98	14	514.77	28	26.33	22
207	113	119	Max	14.58									472.25	26		
207	113	119	Max	397.50	0.00	10	0.00	2	0.00	2	-94.46	14	338.59	14	26.33	22
207	113	119	Min.	12.50	0.00	14	0.00	2	0.00	2	-18.20	28	-805.87	14	0.83	4
207	113	119	Min.	195.51									127.23	24		
207	113	119	Min.	397.50	0.00	14	0.00	2	0.00	2	-801.64	28	-1063.43	28	0.83	4
207	119	125	Max	12.50	0.00	26	0.00	2	0.00	2	751.63	14	42.57	28	7.73	26
207	119	125	Max	194.28									378.77	28		
207	119	125	Max	577.50	0.00	26	0.00	2	0.00	2	-398.09	14	-18.15	14	7.73	26
207	119	125	Min.	12.50	0.00	16	0.00	2	0.00	2	369.90	28	-1016.90	14	1.00	16
207	119	125	Min.	297.80									285.16	24		
207	119	125	Min.	577.50	0.00	16	0.00	2	0.00	2	-779.82	28	-1115.46	28	1.00	16
207	125	231	Max	12.50	0.00	12	0.00	2	0.00	2	850.65	14	23.88	28	-4.87	20
207	125	231	Max	430.53									561.53	14		
207	125	231	Max	577.50	0.00	10	0.00	2	0.00	2	-299.07	14	341.75	14	-4.87	20
207	125	231	Min.	12.50	0.00	30	0.00	2	0.00	2	381.21	28	-1216.44	14	-36.14	6
207	125	231	Min.	285.34									320.88	18		
207	125	231	Min.	577.50	0.00	14	0.00	2	0.00	2	-768.51	28	-1070.23	28	-36.14	6
219	112	118	Max	0.00	0.00	6	0.00	2	0.00	2	979.48	32	153.03	10	52.37	22
219	112	118	Max	69.94									202.57	10		
219	112	118	Max	397.50	-0.00	2	0.00	2	0.00	2	174.49	32	593.78	32	52.37	22
219	112	118	Min.	0.00	0.00	18	0.00	2	0.00	2	141.65	10	-1699.72	32	-129.86	4
219	112	118	Min.	215.63									-30.33	18		
219	112	118	Min.	397.50	-0.00	2	0.00	2	0.00	2	-663.34	10	-883.84	10	-129.86	4
219	118	124	Max	12.50	0.00	10	0.00	2	0.00	2	684.75	32	523.80	10	-0.99	24
219	118	124	Max	22.85									443.11	26		
219	118	124	Max	397.50	0.00	10	0.00	2	0.00	2	-94.93	32	336.09	32	-0.99	24
219	118	124	Min.	12.50	0.00	30	0.00	2	0.00	2	-22.84	10	-799.31	32	-26.30	2
219	118	124	Min.	194.04									128.55	4		
219	118	124	Min.	397.50	0.00	30	0.00	2	0.00	2	-802.52	10	-1065.02	10	-26.30	2
219	124	130	Max	12.50	0.00	16	0.00	2	0.00	2	748.18	32	44.81	10	-1.21	30
219	124	130	Max	193.80									377.63	10		

219	124	130	Max	577.50	0.00	16	0.00	2	0.00	2	-396.02	32	-17.68	32	-1.21	30
219	124	130	Min.	12.50	0.00	26	0.00	2	0.00	2	367.16	10	-1012.54	32	-7.77	12
219	124	130	Min.	297.56									283.59	4		
219	124	130	Min.	577.50	0.00	26	0.00	2	0.00	2	-777.04	10	-1113.12	10	-7.77	12
219	130	136	Max	12.50	0.00	14	0.00	2	0.00	2	846.60	32	27.69	10	36.16	18
219	130	136	Max	430.55									558.96	32		
219	130	136	Max	577.50	0.00	14	0.00	2	0.00	2	-297.60	32	340.30	32	36.16	18
219	130	136	Min.	12.50	0.00	28	0.00	2	0.00	2	377.94	10	-1210.63	32	4.83	8
219	130	136	Min.	284.93									319.36	6		
219	130	136	Min.	577.50	0.00	28	0.00	2	0.00	2	-766.26	10	-1069.32	10	4.83	8
303	113	-131	Max	12.47	-933.43	18	225.23	16	-139.18	10	999.90	24	452.96	2	11.34	32
303	113	-131	Max	145.35	-918.92	18	225.23	16	12.18	14	792.78	24	775.65	2	11.34	32
303	113	-131	Min.	12.47	-1388.94	8	78.20	26	-288.05	32	346.40	2	-1109.16	24	-10.48	10
303	113	-131	Min.	145.35	-1374.44	8	78.20	26	-36.21	28	139.27	2	81.95	24	-10.48	10
303	-131	-132	Max	0.00	-915.98	26	31.00	32	-2.78	14	371.48	24	777.26	2	10.28	32
303	-131	-132	Max	93.53					25.08	16			389.82	16		
303	-131	-132	Max	142.35	-900.44	26	31.00	32	40.11	14	149.60	24	451.93	24	10.28	32
303	-131	-132	Min.	0.00	-1313.42	16	26.74	10	-45.65	28	-294.31	2	81.06	24	-11.12	10
303	-131	-132	Min.	82.64					-22.83	28			382.84	28		
303	-131	-132	Min.	142.35	-1297.88	16	26.74	10	-6.35	28	-516.18	2	200.40	2	-11.12	10
303	-132	314	Max	0.00	-894.22	28	129.79	28	26.93	14	-267.60	24	450.98	24	9.33	32
303	-132	314	Max	129.88	-880.04	28	129.79	28	148.81	28	-470.04	24	-28.04	24	9.33	32
303	-132	314	Min.	0.00	-1241.30	14	46.09	14	-19.76	28	-945.90	2	202.21	2	-12.04	10
303	-132	314	Min.	129.88	-1227.12	14	46.09	14	86.79	14	-1148.34	2	-1157.77	2	-12.04	10
303	314	-147	Max	12.47	-819.15	18	121.29	32	-48.62	10	778.94	22	-10.01	4	8.09	28
303	314	-147	Max	164.56					19.89	4			170.26	4		
303	314	-147	Max	175.93	-801.30	18	121.29	32	46.06	14	524.16	22	178.08	8	8.09	28
303	314	-147	Min.	12.47	-1293.79	8	27.74	10	-153.61	32	237.06	4	-888.05	22	-9.83	14
303	314	-147	Min.	168.75					9.81	18			168.55	18		
303	314	-147	Min.	175.93	-1275.95	8	27.74	10	-4.68	28	-17.72	4	168.15	18	-9.83	14
303	-147	415	Max	0.00	-813.13	26	70.04	28	31.00	14	20.82	22	176.83	8	7.35	28
303	-147	415	Max	9.18					17.65	8			177.48	8		
303	-147	415	Max	162.46	-795.40	26	70.04	28	98.48	28	-232.40	22	3.79	22	7.35	28
303	-147	415	Min.	0.00	-1189.74	16	28.29	14	-15.31	28	-537.25	4	169.48	18	-10.88	14
303	-147	415	Min.	13.36					7.12	22			177.04	22		
303	-147	415	Min.	162.46	-1172.01	16	28.29	14	76.96	14	-790.47	4	-907.84	4	-10.88	14
303	415	-10	Max	12.47	-893.78	26	198.37	32	-11.71	10	1044.66	24	-226.85	2	-3.64	28
303	415	-10	Max	221.04	-871.02	26	198.37	32	269.20	32	719.56	24	802.06	24	-3.64	28
303	415	-10	Min.	12.47	-1303.17	16	42.74	10	-144.53	32	576.18	2	-1037.76	24	-136.88	14
303	415	-10	Min.	221.04	-1280.40	16	42.74	10	77.43	10	251.09	2	635.87	2	-136.88	14
303	-10	416	Max	0.00	-861.09	28	-108.62	28	328.43	14	-247.51	22	797.88	4	134.40	32
303	-10	416	Max	208.57	-883.86	28	-108.62	28	-90.20	28	-572.60	22	-223.56	22	134.40	32
303	-10	416	Min.	0.00	-1270.48	14	-264.45	14	136.36	28	-715.99	4	631.70	22	1.22	10
303	-10	416	Min.	208.57	-1293.25	14	-264.45	14	-223.15	14	-1041.09	4	-1034.50	4	1.22	10
303	416	-149	Max	12.47	-778.42	12	0.79	32	52.02	10	791.80	24	2.28	2	11.89	32
303	416	-149	Max	165.99					16.28	20			176.57	20		
303	416	-149	Max	174.93	-796.16	12	0.79	32	32.03	32	538.58	24	175.95	20	11.89	32
303	416	-149	Min.	12.47	-1154.80	30	-40.31	10	30.74	32	232.80	2	-910.36	24	-6.31	10
303	416	-149	Min.	161.82					4.81	2			176.13	2		
303	416	-149	Min.	174.93	-1172.53	30	-40.31	10	-13.46	10	-20.42	2	169.13	6	-6.31	10
303	-149	317	Max	0.00	-784.50	6	-7.58	28	43.88	32	19.06	24	177.24	20	11.06	32
303	-149	317	Max	12.23					19.62	24			170.09	24		
303	-149	317	Max	163.46	-802.35	6	-7.58	28	-17.29	28	-235.72	24	-8.15	24	11.06	32
303	-149	317	Min.	0.00	-1258.87	20	-100.67	14	-6.06	10	-523.75	2	167.84	6	-6.83	10
303	-149	317	Min.	8.05					9.20	6			168.34	6		
303	-149	317	Min.	163.46	-1276.72	20	-100.67	14	-121.83	14	-778.53	2	-888.21	2	-6.83	10
303	317	-151	Max	12.47	-856.75	10	-57.01	32	165.55	10	1142.39	22	-24.71	4	11.30	28
303	317	-151	Max	145.35	-871.26	10	-57.01	32	26.48	32	935.26	22	454.03	20	11.30	28
303	317	-151	Min.	12.47	-1204.01	32	-140.89	10	102.23	32	463.82	4	-1155.88	22	-9.51	14
303	317	-151	Min.	145.35	-1218.52	32	-140.89	10	-21.67	10	256.69	4	224.57	6	-9.51	14
303	-151	-152	Max	0.00	-877.07	12	-40.75	28	39.66	32	501.50	22	455.12	4	10.39	28
303	-151	-152	Max	39.39					21.64	30			392.94	30		
303	-151	-152	Max	142.35	-892.61	12	-40.75	28	-23.90	32	279.63	22	778.76	22	10.39	28
303	-151	-152	Min.	0.00	-1276.66	30	-46.62	14	-8.37	10	-164.42	4	222.80	22	-10.46	14
303	-151	-152	Min.	50.17					-29.80	10			384.97	10		
303	-151	-152	Min.	142.35	-1292.20	30	-46.62	14	-69.17	10	-386.30	4	63.15	4	-10.46	14
303	-152	118	Max	0.00	-894.23	6	-34.12	10	-8.90	32	-149.94	22	777.18	22	9.74	28
303	-152	118	Max	129.88	-908.41	6	-34.12	10	-103.93	12	-352.38	22	450.98	22	9.74	28
303	-152	118	Min.	0.00	-1352.43	20	-191.71	32	-59.63	10	-803.72	4	63.96	4	-11.53	14
303	-152	118	Min.	129.88	-1366.61	20	-191.71	32	-257.90	30	-1006.16	4	-1111.37	4	-11.53	14
304	119	-129	Max	12.47	-1254.60	4	196.32	32	-106.45	10	1075.40	8	334.84	18	34.49	28
304	119	-129	Max	145.35	-1240.09	4	196.32	32	-7.20	14	868.27	8	827.56	18	34.49	28
304	119	-129	Min.	12.47	-1971.99	22	31.75	10	-270.31	32	474.35	18	-1113.18	8	-34.82	14
304	119	-129	Min.	145.35	-1957.49	22	31.75	10	-66.48	28	267.23	18	178.26	8	-34.82	14
304	-129	-130	Max	0.00	-1305.94	4	64.18	32	-24.88	14	344.10	8	827.51	18	33.76	28
304	-129	-130	Max	77.71					-35.77	28			460.73	28		
304	-129	-130	Max	142.35	-1290.40	4	64.18	32	64.31	14	122.22	8	510.21	6	33.76	28
304	-129	-130	Min.	0.00	-1819.99	22	51.47	10	-76.94	28	-271.17	18	178.23	8	-36.05	14
304	-129	-130	Min.	85.41					28.23	16			457.65	16		
304	-129	-130	Min.	142.35	-1804.45	22	51.47	10	-1.52	28	-493.04	18	283.52	20	-36.05	14
304	-130	320	Max	0.00	-1358.54	4	134.00	28	48.83	14	-396.93	6	510.21	6	32.70	28
304	-130	320	Max	129.88	-1344.36	4	134.00	28	157.38	28	-599.37	6	-136.78	6	32.70	28
304	-130	320	Min.	0.00	-1665.35	22	23.01	14	-16.66	28	-1026.71	20	283.48	20	-37.14	14
304	-130	320	Min.	129.88	-1651.17	22	23.01	14	78.72	14	-1229.15	20	-1181.45	20	-37.14	14
304	320	-137	Max	12.47	-1278.54	4	143.58	32	-30.04	10	801.04	8	-102.18	18	8.83	28
304	320	-137	Max	175.93	-1260.70	4	143.58	32	57.87	16	546.26	8	197.07	8	8.83	28
304	320	-137	Min.	12.47	-1858.50	22	6.89	10	-177.83	32	302.38	18	-904.08	8	-7.68	14
304	320	-137	Min.	175.93	-1840.66	2										

304	-137	421	Min.	0.00	-1663.92	22	26.80	16	-29.98	28	-595.42	18	183.85	18	-8.90	14
304	-137	421	Min.	162.46	-1646.19	22	26.80	16	83.92	16	-848.64	18	-989.15	18	-8.90	14
304	421	-11	Max	12.47	-1552.22	20	215.15	32	5.27	10	1176.04	6	-428.51	20	15.20	28
304	421	-11	Max	221.04	-1529.46	20	215.15	32	290.02	32	850.94	6	975.18	28	15.20	28
304	421	-11	Min.	12.47	-1883.61	6	16.23	10	-158.71	32	820.70	20	-1151.21	6	-96.70	14
304	421	-11	Min.	221.04	-1860.84	6	16.23	10	39.11	10	495.61	20	931.65	14	-96.70	14
304	-11	422	Max	0.00	-1524.17	8	-66.15	28	330.46	14	-495.39	8	974.95	10	95.49	32
304	-11	422	Max	208.57	-1546.93	8	-66.15	28	-58.53	28	-820.48	8	-428.29	8	95.49	32
304	-11	422	Min.	0.00	-1855.65	18	-265.20	14	79.43	28	-850.78	18	931.42	32	-16.37	10
304	-11	422	Min.	208.57	-1878.42	18	-265.20	14	-222.68	14	-1175.87	18	-1151.10	18	-16.37	10
304	422	-140	Max	12.47	-1325.59	24	-1.61	30	70.57	12	848.73	6	-135.26	20	9.59	32
304	422	-140	Max	174.93	-1343.32	24	-1.61	30	38.37	30	595.51	6	197.41	20	9.59	32
304	422	-140	Min.	12.47	-1638.04	2	-62.93	12	40.99	30	331.39	20	-988.91	6	-7.34	10
304	422	-140	Min.	174.93	-1655.77	2	-62.93	12	-31.67	12	78.17	20	184.23	6	-7.34	10
304	-140	323	Max	0.00	-1252.85	24	14.89	28	53.13	30	-47.49	6	197.40	20	8.56	32
304	-140	323	Max	163.46	-1270.69	24	14.89	28	1.06	28	-302.27	6	-101.62	6	8.56	32
304	-140	323	Min.	0.00	-1832.81	2	-121.59	14	-24.19	12	-546.11	20	184.24	6	-7.87	10
304	-140	323	Min.	163.46	-1850.65	2	-121.59	14	-146.54	14	-800.89	20	-903.51	20	-7.87	10
304	323	-145	Max	12.47	-1338.07	24	-32.39	32	168.98	10	1222.23	8	-135.08	18	37.27	32
304	323	-145	Max	145.35	-1352.58	24	-32.39	32	46.89	32	1015.10	8	514.67	18	37.27	32
304	323	-145	Min.	12.47	-1646.63	2	-143.10	10	89.93	32	592.52	18	-1179.97	8	-32.28	10
304	323	-145	Min.	145.35	-1661.14	2	-143.10	10	-21.18	10	385.39	18	306.58	8	-32.28	10
304	-145	-146	Max	0.00	-1283.77	24	-54.85	28	62.49	32	476.49	8	514.67	18	36.18	32
304	-145	-146	Max	54.00					-36.53	10			462.17	10		
304	-145	-146	Max	142.35	-1299.31	24	-54.85	28	-35.20	32	254.62	8	826.98	8	36.18	32
304	-145	-146	Min.	0.00	-1801.43	2	-70.37	14	-5.97	10	-138.57	18	306.62	8	-33.35	10
304	-145	-146	Min.	46.70					29.94	30			460.03	30		
304	-145	-146	Min.	142.35	-1816.97	2	-70.37	14	-86.53	10	-360.45	18	159.49	18	-33.35	10
304	-146	124	Max	0.00	-1234.26	24	-8.59	10	-18.25	32	-278.83	8	827.01	8	34.99	32
304	-146	124	Max	129.88	-1248.44	24	-8.59	10	-86.78	28	-481.27	8	333.41	8	34.99	32
304	-146	124	Min.	0.00	-1953.21	2	-179.70	32	-76.99	10	-879.80	18	159.53	18	-34.02	10
304	-146	124	Min.	129.88	-1967.39	2	-179.70	32	-253.00	14	-1082.24	18	-1114.60	18	-34.02	10
305	125	-127	Max	12.47	-1388.93	2	187.24	32	-82.18	10	1180.38	8	288.76	18	41.94	28
305	125	-127	Max	145.35	-1374.42	2	187.24	32	-7.92	14	973.25	8	904.37	18	41.94	28
305	125	-127	Min.	12.47	-2496.13	24	4.11	10	-259.74	32	566.83	18	-1203.29	8	-31.82	14
305	125	-127	Min.	145.35	-2481.62	24	4.11	10	-79.73	28	359.70	18	227.65	8	-31.82	14
305	-127	-128	Max	0.00	-1445.73	2	66.13	32	-23.68	14	346.52	8	904.12	18	41.28	28
305	-127	-128	Max	67.07					-49.48	28			523.09	28		
305	-127	-128	Max	142.35	-1430.19	2	66.13	32	67.27	14	124.65	8	563.02	6	41.28	28
305	-127	-128	Min.	0.00	-2321.96	24	56.83	10	-89.10	28	-283.20	18	227.48	8	-32.92	14
305	-127	-128	Min.	88.40					32.38	16			512.25	16		
305	-127	-128	Min.	142.35	-2306.43	24	56.83	10	-5.01	28	-505.08	18	342.88	20	-32.92	14
305	-128	326	Max	0.00	-1504.19	2	131.01	28	53.82	14	-496.17	8	563.29	6	40.27	28
305	-128	326	Max	129.88	-1490.02	2	131.01	28	150.63	28	-698.61	8	-212.68	6	40.27	28
305	-128	326	Min.	0.00	-2144.90	24	-4.00	14	-19.52	28	-1142.38	18	343.16	20	-33.86	14
305	-128	326	Min.	129.88	-2130.73	24	-4.00	14	48.62	14	-1344.82	18	-1271.92	20	-33.86	14
305	326	-136	Max	12.47	-1462.33	2	130.16	32	-6.64	10	850.27	6	-169.77	20	11.49	28
305	326	-136	Max	175.93	-1444.48	2	130.16	32	60.15	14	595.48	6	226.79	6	11.49	28
305	326	-136	Min.	12.47	-2248.62	24	-9.60	10	-154.23	32	360.94	20	-954.83	6	-7.60	14
305	326	-136	Min.	175.93	-2230.78	24	-9.60	10	-23.95	28	106.16	20	212.00	20	-7.60	14
305	-136	427	Max	0.00	-1543.79	2	80.08	26	45.61	14	-149.53	6	226.80	6	10.91	28
305	-136	427	Max	162.46	-1526.06	2	80.08	26	98.19	26	-402.75	6	-221.80	6	10.91	28
305	-136	427	Min.	0.00	-2026.80	24	6.58	16	-32.18	28	-660.10	20	211.83	20	-8.61	14
305	-136	427	Min.	162.46	-2009.07	24	6.58	16	56.03	16	-913.32	20	-1066.24	20	-8.61	14
305	427	-12	Max	12.47	-1819.01	18	172.57	32	29.54	10	1327.51	8	-572.34	18	34.09	28
305	427	-12	Max	221.04	-1796.24	18	172.57	32	244.26	32	1002.41	8	1158.76	30	34.09	28
305	427	-12	Min.	12.47	-2197.33	8	-5.17	10	-115.67	32	984.06	18	-1286.07	8	-98.59	14
305	427	-12	Min.	221.04	-2174.56	8	-5.17	10	18.75	10	658.96	18	1126.03	12	-98.59	14
305	-12	428	Max	0.00	-1796.73	6	-39.25	28	279.46	14	-659.13	6	1158.82	16	97.31	32
305	-12	428	Max	208.57	-1819.50	6	-39.25	28	-28.04	28	-984.23	6	-572.63	6	97.31	32
305	-12	428	Min.	0.00	-2175.20	20	-217.15	14	53.82	28	-1002.41	20	1126.07	26	-35.33	10
305	-12	428	Min.	208.57	-2197.97	20	-217.15	14	-173.44	14	-1327.51	20	-1286.02	20	-35.33	10
305	428	-139	Max	12.47	-1526.83	22	14.73	30	59.52	12	914.06	8	-222.20	18	9.31	32
305	428	-139	Max	174.93	-1544.57	22	14.73	30	41.51	32	660.84	8	227.19	18	9.31	32
305	428	-139	Min.	12.47	-2010.31	4	-58.67	12	17.32	30	403.23	18	-1067.04	8	-10.16	10
305	428	-139	Min.	174.93	-2028.04	4	-58.67	12	-36.05	10	150.01	18	212.22	8	-10.16	10
305	-139	329	Max	0.00	-1445.29	22	30.60	28	53.65	32	-105.43	8	227.18	18	8.46	32
305	-139	329	Max	163.46	-1463.14	22	30.60	28	21.36	28	-360.21	8	-168.18	8	8.46	32
305	-139	329	Min.	0.00	-2232.05	4	-108.96	14	-30.19	10	-595.00	18	212.38	8	-10.57	10
305	-139	329	Min.	163.46	-2249.89	4	-108.96	14	-125.98	14	-849.78	18	-953.64	18	-10.57	10
305	329	-143	Max	12.47	-1489.17	22	-3.14	32	159.39	10	1336.91	8	-211.16	18	33.88	32
305	329	-143	Max	145.35	-1503.68	22	-3.14	32	53.34	32	1129.79	8	569.12	18	33.88	32
305	329	-143	Min.	12.47	-2133.05	4	-137.22	10	57.52	32	690.75	18	-1270.87	8	-40.08	10
305	329	-143	Min.	145.35	-2147.56	4	-137.22	10	-22.96	10	483.62	18	368.08	8	-40.08	10
305	-143	-144	Max	0.00	-1429.01	22	-56.97	28	66.69	32	486.65	8	568.86	18	32.94	32
305	-143	-144	Max	63.23					-46.06	10			523.40	10		
305	-143	-144	Max	142.35	-1444.55	22	-56.97	28	-29.48	32	264.77	8	902.62	8	32.94	32
305	-143	-144	Min.	0.00	-2310.50	4	-69.75	14	-8.66	10	-142.87	18	367.81	8	-41.08	10
305	-143	-144	Min.	42.56					37.49	30			515.68	30		
305	-143	-144	Min.	142.35	-2326.04	4	-69.75	14	-92.87	10	-364.74	18	207.57	18	-41.08	10
305	-144	130	Max	0.00	-1374.02	22	8.68	12	-14.26	32	-372.30	8	902.86	8	31.88	32
305	-144	130	Max	129.88	-1388.20	22	8.68	12	-70.37	28	-574.74	8	287.87	8	31.88	32
305	-144	130	Min.	0.00	-2484.16	4	-179.49	30	-84.22	10	-985.79	18	207.78	18	-41.69	10
305	-144	130	Min.	129.88	-2498.34	4	-179.49	30	-249.94	14	-1188.23	18	-1204.01	18	-41.69	

306	-125	-126	Max	0.00	121.05	6	67.15	32	-30.02	14	472.00	8	732.20	18	67.60	28
306	-125	-126	Max	2.26					-28.54	14			404.45	14		
306	-125	-126	Max	142.35	136.59	6	67.15	32	62.80	14	250.12	8	457.74	8	67.60	28
306	-125	-126	Min.	0.00	-1682.62	20	53.93	10	-88.36	28	-330.93	18	-56.22	8	14.02	14
306	-125	-126	Min.	99.11					33.65	32			332.07	32		
306	-125	-126	Min.	142.35	-1667.08	20	53.93	10	-8.82	28	-552.80	18	103.21	18	14.02	14
306	-126	332	Max	0.00	230.69	6	103.76	28	57.42	14	-59.34	8	457.49	8	67.11	28
306	-126	332	Max	129.88	244.87	6	103.76	28	118.97	28	-261.78	8	248.96	8	67.11	28
306	-126	332	Min.	0.00	-1721.49	20	-46.79	14	-15.79	28	-872.68	18	103.02	18	13.64	14
306	-126	332	Min.	129.88	-1707.31	20	-46.79	14	-3.36	14	-1075.12	18	-1161.86	18	13.64	14
306	332	-135	Max	12.47	-482.12	6	81.15	30	31.56	10	801.95	8	308.47	20	61.78	28
306	332	-135	Max	31.95					-41.22	20			311.42	20		
306	332	-135	Max	175.93	-464.28	6	81.15	30	42.26	14	547.16	8	151.12	14	61.78	28
306	332	-135	Min.	12.47	-1044.72	20	-39.63	12	-92.41	32	28.26	18	-961.95	6	24.60	14
306	332	-135	Min.	71.47					-8.28	2			231.40	2		
306	332	-135	Min.	175.93	-1026.87	20	-39.63	12	-35.23	28	-226.53	18	135.98	28	24.60	14
306	-135	433	Max	0.00	-343.19	6	89.09	28	36.90	14	175.98	8	151.20	14	61.55	28
306	-135	433	Max	112.90					52.68	8			240.23	8		
306	-135	433	Max	162.46	-325.46	6	89.09	28	106.25	28	-77.24	8	221.09	8	61.55	28
306	-135	433	Min.	0.00	-1098.22	20	3.36	14	-38.48	28	-611.16	18	136.04	28	24.22	14
306	-135	433	Min.	70.69					32.06	22			176.03	22		
306	-135	433	Min.	162.46	-1080.48	20	3.36	14	42.36	14	-864.38	18	-1052.21	18	24.22	14
306	433	-13	Max	12.47	-694.16	18	36.22	30	83.64	12	902.66	6	26.20	20	215.01	28
306	433	-13	Max	221.04	-671.40	18	36.22	30	60.87	30	577.56	6	554.53	12	215.01	28
306	433	-13	Min.	12.47	-957.16	8	-96.01	12	-14.67	30	392.81	20	-1010.32	6	51.33	14
306	433	-13	Min.	221.04	-934.39	8	-96.01	12	-116.62	12	67.72	20	485.26	30	51.33	14
306	-13	434	Max	0.00	-664.98	6	63.75	26	80.01	16	-67.00	8	554.51	26	-54.98	32
306	-13	434	Max	208.57	-687.75	6	63.75	26	35.44	26	-392.10	8	27.64	8	-54.98	32
306	-13	434	Min.	0.00	-928.02	20	-68.60	16	-97.53	26	-577.23	18	485.21	16	-218.55	10
306	-13	434	Min.	208.57	-950.78	20	-68.60	16	-63.07	16	-902.32	18	-1009.65	18	-218.55	10
306	434	-138	Max	12.47	-316.36	18	16.39	32	69.44	10	864.89	6	219.51	20	-22.18	32
306	434	-138	Max	62.73					25.51	20			239.19	20		
306	434	-138	Max	174.93	-334.09	18	16.39	32	32.10	32	611.67	6	151.40	32	-22.18	32
306	434	-138	Min.	12.47	-1072.36	8	-69.27	10	5.48	32	78.34	20	-1052.84	6	-59.37	10
306	434	-138	Min.	104.56					13.27	2			175.87	2		
306	434	-138	Min.	174.93	-1090.09	8	-69.27	10	-43.10	10	-174.88	20	136.24	10	-59.37	10
306	-138	335	Max	0.00	-455.56	18	57.34	26	36.31	32	227.07	6	151.32	32	-22.48	32
306	-138	335	Max	144.71					-21.43	8			313.26	8		
306	-138	335	Max	163.46	-473.41	18	57.34	26	54.74	28	-27.71	6	310.51	8	-22.48	32
306	-138	335	Min.	0.00	-1019.14	8	-63.13	16	-40.98	10	-546.04	20	136.18	10	-59.52	10
306	-138	335	Min.	104.81					4.58	22			232.17	22		
306	-138	335	Min.	163.46	-1036.98	8	-63.13	16	-68.88	14	-800.83	20	-960.88	18	-59.52	10
306	335	-141	Max	12.47	248.40	18	37.27	32	129.83	10	1071.42	6	247.93	20	-13.74	32
306	335	-141	Max	145.35	233.89	18	37.27	32	57.51	32	864.30	6	454.28	20	-13.74	32
306	335	-141	Min.	12.47	-1704.64	8	-111.76	10	7.98	32	258.85	20	-1161.77	6	-66.95	10
306	335	-141	Min.	145.35	-1719.14	8	-111.76	10	-18.68	10	51.72	20	124.38	6	-66.95	10
306	-141	-142	Max	0.00	138.88	18	-53.29	28	62.82	32	541.50	6	454.52	20	-14.11	32
306	-141	-142	Max	133.75					-28.24	32			401.61	32		
306	-141	-142	Max	142.35	123.34	18	-53.29	28	-34.09	32	319.62	6	737.46	6	-14.11	32
306	-141	-142	Min.	0.00	-1664.29	8	-69.93	14	-11.84	10	-260.57	20	124.57	6	-67.43	10
306	-141	-142	Min.	46.48					-37.47	10			333.74	10		
306	-141	-142	Min.	142.35	-1679.83	8	-69.93	14	-90.33	10	-482.44	20	-74.31	20	-67.43	10
306	-142	136	Max	0.00	30.95	18	24.43	28	-27.73	32	-0.07	6	737.26	6	-14.56	32
306	-142	136	Max	129.88	16.77	18	24.43	28	-51.58	28	-202.51	6	605.71	6	-14.56	32
306	-142	136	Min.	0.00	-1627.77	8	-106.36	14	-86.23	10	-792.05	20	-74.44	20	-67.72	10
306	-142	136	Min.	129.88	-1641.95	8	-106.36	14	-168.79	14	-994.49	20	-1234.61	20	-67.72	10
308	-133	-131	Max	0.00	288.66	12	-1.11	26	2.44	16	214.31	2	0.00	2	0.96	24
308	-133	-131	Max	205.00					-1.44	2			219.67	2		
308	-133	-131	Max	410.00	288.66	12	-1.11	26	-3.57	10	-214.31	2	0.00	2	0.96	24
308	-133	-131	Min.	0.00	114.24	30	-2.06	16	0.97	26	214.31	2	0.00	2	-1.50	2
308	-133	-131	Min.	205.00					-1.44	2			219.67	2		
308	-133	-131	Min.	410.00	114.24	30	-2.06	16	-6.02	32	-214.31	2	0.00	2	-1.50	2
308	-131	-129	Max	0.00	149.35	28	-2.72	10	9.24	32	214.31	2	0.00	2	0.13	10
308	-131	-129	Max	205.00					0.03	2			219.67	2		
308	-131	-129	Max	410.00	149.35	28	-2.72	10	-5.52	10	-214.31	2	0.00	2	0.13	10
308	-131	-129	Min.	0.00	7.86	14	-4.53	32	5.65	10	214.31	2	0.00	2	0.05	32
308	-131	-129	Min.	205.00					0.03	2			219.67	2		
308	-131	-129	Min.	410.00	7.86	14	-4.53	32	-9.34	32	-214.31	2	0.00	2	0.05	32
308	-129	-127	Max	0.00	68.34	28	-1.61	10	8.55	32	318.17	2	0.00	2	0.06	2
308	-129	-127	Max	295.00					0.07	2			469.31	2		
308	-129	-127	Max	590.00	68.34	28	-1.61	10	-4.67	10	-318.17	2	0.00	2	0.06	2
308	-129	-127	Min.	0.00	-23.54	14	-2.88	32	4.81	10	318.17	2	0.00	2	0.05	24
308	-129	-127	Min.	295.00					0.07	2			469.31	2		
308	-129	-127	Min.	590.00	-23.54	14	-2.88	32	-8.44	32	-318.17	2	0.00	2	0.05	24
308	-127	-125	Max	0.00	6.87	28	-1.47	10	7.64	32	318.17	2	0.00	2	-0.12	16
308	-127	-125	Max	295.00					0.23	2			469.31	2		
308	-127	-125	Max	590.00	6.87	28	-1.47	10	-4.21	10	-318.17	2	0.00	2	-0.12	16
308	-127	-125	Min.	0.00	-30.47	14	-2.45	32	4.44	10	318.17	2	0.00	2	-0.20	26
308	-127	-125	Min.	295.00					0.23	2			469.31	2		
308	-127	-125	Min.	590.00	-30.47	14	-2.45	32	-6.83	32	-318.17	2	0.00	2	-0.20	26
309	-134	-132	Max	0.00	93.28	10	-1.95	4	3.59	22	212.31	2	0.00	2	0.88	24
309	-134	-132	Max	205.00					-1.09	2			217.62	2		
309	-134	-132	Max	410.00	93.28	10	-1.95	4	-5.13	4	-212.31	2	0.00	2	0.88	24
309	-134	-132	Min.	0.00	-192.73	32	-2.29	22	2.88	4	212.31	2	0.00	2	-1.82	2
309	-134	-132	Min.	205.00					-1.09	2			217.62	2		
309	-134	-132	Min.	410.00	-192.73	32	-2.29	22	-5.81	22	-212.31	2	0.00	2	-1.82	2
309	-132	-130	Max	0.00	102.91	10	-3.75	10	8.07	32	212.31	2	0.00	2	0.00	10
309	-132	-130	Max	205.00					-0.06	2			217.62	2		
309	-132	-130	Max	410.00	102.91	10	-3.75	10	-7.73	10	-212.31	2	0.00	2	0.00	10
309	-132	-130	Min.	0.00	-84.22	32	-3.98	32	7.64	10	212.31	2	0.00	2	-0.08</	

309	-132	-130	Min.	205.00					-0.06	2			217.62	2		
309	-132	-130	Min.	410.00	-84.22	32	-3.98	32	-8.24	32	-212.31	2	0.00	2	-0.08	32
309	-130	-128	Max	0.00	78.15	10	-2.43	2	7.55	32	315.29	2	0.00	2	-0.04	12
309	-130	-128	Max	295.00					0.03	2			465.05	2		
309	-130	-128	Max	590.00	78.15	10	-2.43	2	-7.13	2	-315.29	2	0.00	2	-0.04	12
309	-130	-128	Min.	0.00	-18.09	32	-2.54	24	7.18	10	315.29	2	0.00	2	-0.07	30
309	-130	-128	Min.	295.00					0.03	2			465.05	2		
309	-130	-128	Min.	590.00	-18.09	32	-2.54	24	-7.46	24	-315.29	2	0.00	2	-0.07	30
309	-128	-126	Max	0.00	37.53	14	-1.97	14	7.19	28	315.29	2	0.00	2	0.26	16
309	-128	-126	Max	295.00					0.24	2			465.05	2		
309	-128	-126	Max	590.00	37.53	14	-1.97	14	-5.39	14	-315.29	2	0.00	2	0.26	16
309	-128	-126	Min.	0.00	26.58	28	-2.40	28	6.24	14	315.29	2	0.00	2	0.17	26
309	-128	-126	Min.	295.00					0.24	2			465.05	2		
309	-128	-126	Min.	590.00	26.58	28	-2.40	28	-6.99	28	-315.29	2	0.00	2	0.17	26
310	308	314	Max	0.00	479.20	10	-27.79	10	44.74	32	516.13	2	0.00	2	58.84	24
310	308	314	Max	198.75					-24.18	2			512.91	2		
310	308	314	Max	397.50	479.20	10	-27.79	10	-79.12	10	-516.13	2	0.00	2	58.84	24
310	308	314	Min.	0.00	-183.19	32	-34.51	32	31.34	10	516.13	2	0.00	2	-98.58	2
310	308	314	Min.	198.75					-24.18	2			512.91	2		
310	308	314	Min.	397.50	-183.19	32	-34.51	32	-92.42	32	-516.13	2	0.00	2	-98.58	2
310	314	320	Max	12.50	308.96	10	-57.11	26	138.93	16	725.38	14	297.15	28	-0.84	22
310	314	320	Max	89.50					67.92	28			374.38	28		
310	314	320	Max	397.50	308.96	10	-57.11	26	-108.01	28	-274.43	14	66.38	14	-0.84	22
310	314	320	Min.	12.50	-217.42	32	-73.09	16	111.83	26	200.28	28	-801.72	14	-10.24	4
310	314	320	Min.	221.83					-11.85	20			147.52	20		
310	314	320	Min.	397.50	-217.42	32	-73.09	16	-142.53	14	-799.52	28	-856.38	28	-10.24	4
310	320	326	Max	12.50	123.87	10	-26.58	26	101.47	16	832.39	14	-353.25	28	-0.33	22
310	320	326	Max	333.03					-14.70	14			392.75	14		
310	320	326	Max	577.50	123.87	10	-26.58	26	-76.26	26	-634.86	14	-383.26	14	-0.33	22
310	320	326	Min.	12.50	-234.99	32	-36.27	16	73.94	26	619.21	28	-941.28	14	-5.13	4
310	320	326	Min.	284.37					2.22	2			366.98	2		
310	320	326	Min.	577.50	-234.99	32	-36.27	16	-103.48	16	-848.04	28	-999.70	28	-5.13	4
310	326	332	Max	12.50	-89.47	10	-26.20	12	88.65	30	996.97	14	-441.53	28	27.61	20
310	326	332	Max	396.41					-24.32	14			634.17	14		
310	326	332	Max	577.50	-89.47	10	-26.20	12	-73.13	6	-470.28	14	208.35	14	27.61	20
310	326	332	Min.	12.50	-165.22	32	-29.55	30	73.94	12	662.29	28	-1279.56	14	-7.69	6
310	326	332	Min.	267.53					6.95	28			402.98	28		
310	326	332	Min.	577.50	-165.22	32	-29.55	30	-79.28	20	-804.96	28	-844.59	28	-7.69	6
311	-148	-147	Max	0.00	173.32	10	-1.83	10	4.00	32	256.39	2	0.00	2	1.31	22
311	-148	-147	Max	205.00					-0.98	2			262.80	2		
311	-148	-147	Max	410.00	173.32	10	-1.83	10	-4.57	10	-256.39	2	0.00	2	1.31	22
311	-148	-147	Min.	0.00	-104.34	32	-2.58	32	2.92	10	256.39	2	0.00	2	-1.38	4
311	-148	-147	Min.	205.00					-0.98	2			262.80	2		
311	-148	-147	Min.	410.00	-104.34	32	-2.58	32	-6.59	32	-256.39	2	0.00	2	-1.38	4
311	-147	-137	Max	0.00	94.64	10	-2.68	10	9.01	32	256.39	2	0.00	2	0.02	4
311	-147	-137	Max	205.00					-0.01	2			262.80	2		
311	-147	-137	Max	410.00	94.64	10	-2.68	10	-5.41	10	-256.39	2	0.00	2	0.02	4
311	-147	-137	Min.	0.00	-76.36	32	-4.46	32	5.58	10	256.39	2	0.00	2	-0.02	22
311	-147	-137	Min.	205.00					-0.01	2			262.80	2		
311	-147	-137	Min.	410.00	-76.36	32	-4.46	32	-9.29	32	-256.39	2	0.00	2	-0.02	22
311	-137	-136	Max	0.00	39.53	10	-1.53	10	8.46	32	378.72	2	0.00	2	0.02	2
311	-137	-136	Max	295.00					0.09	2			558.62	2		
311	-137	-136	Max	590.00	39.53	10	-1.53	10	-4.43	10	-378.72	2	0.00	2	0.02	2
311	-137	-136	Min.	0.00	-56.56	32	-2.83	32	4.58	10	378.72	2	0.00	2	-0.01	24
311	-137	-136	Min.	295.00					0.09	2			558.62	2		
311	-137	-136	Min.	590.00	-56.56	32	-2.83	32	-8.23	32	-378.72	2	0.00	2	-0.01	24
311	-136	-135	Max	0.00	-17.43	4	-1.13	12	6.61	30	378.72	2	0.00	2	0.02	8
311	-136	-135	Max	295.00					0.36	2			558.62	2		
311	-136	-135	Max	590.00	-17.43	4	-1.13	12	-3.10	12	-378.72	2	0.00	2	0.02	8
311	-136	-135	Min.	0.00	-33.50	22	-2.06	30	3.55	12	378.72	2	0.00	2	-0.16	18
311	-136	-135	Min.	295.00					0.36	2			558.62	2		
311	-136	-135	Min.	590.00	-33.50	22	-2.06	30	-5.52	30	-378.72	2	0.00	2	-0.16	18
312	409	415	Max	0.00	684.37	10	-2.37	10	31.54	32	566.32	2	0.00	2	112.03	24
312	409	415	Max	198.75					-29.65	2			562.78	2		
312	409	415	Max	397.50	684.37	10	-2.37	10	-33.77	10	-566.32	2	0.00	2	112.03	24
312	409	415	Min.	0.00	-399.41	32	-30.39	32	-24.36	10	566.32	2	0.00	2	-37.18	2
312	409	415	Min.	198.75					-29.65	2			562.78	2		
312	409	415	Min.	397.50	-399.41	32	-30.39	32	-89.25	32	-566.32	2	0.00	2	-37.18	2
312	415	421	Max	12.50	499.29	10	-37.19	10	141.82	32	741.89	14	196.53	28	16.92	22
312	415	421	Max	112.74					38.91	28			339.68	28		
312	415	421	Max	397.50	499.29	10	-37.19	10	-68.05	10	-355.12	14	-23.64	14	16.92	22
312	415	421	Min.	12.50	-320.43	32	-74.43	32	75.14	10	285.62	28	-768.16	14	9.83	4
312	415	421	Min.	219.63					-7.29	4			163.87	4		
312	415	421	Min.	397.50	-320.43	32	-74.43	32	-144.72	32	-811.40	28	-815.59	28	9.83	4
312	421	427	Max	12.50	276.96	12	-14.82	10	101.37	32	889.85	14	-471.36	28	8.22	32
312	421	427	Max	324.79					-11.35	14			420.95	14		
312	421	427	Max	577.50	276.96	12	-14.82	10	-42.48	10	-720.06	14	-488.86	14	8.22	32
312	421	427	Min.	12.50	-242.85	30	-36.11	32	41.25	10	709.60	28	-968.52	14	3.14	10
312	421	427	Min.	283.64					2.39	6			402.19	6		
312	421	427	Min.	577.50	-242.85	30	-36.11	32	-102.63	32	-900.31	28	-1010.12	28	3.14	10
312	427	433	Max	12.50	22.86	12	-5.38	12	74.33	30	1071.99	14	-620.14	28	-9.00	18
312	427	433	Max	388.71					-10.03	14			687.71	14		
312	427	433	Max	577.50	22.86	12	-5.38	12	-8.12	12	-537.92	14	179.95	14	-9.00	18
312	427	433	Min.	12.50	-112.36	30	-22.55	30	22.30	12	788.55	28	-1328.78	14	-33.94	8
312	427	433	Min.	289.24					7.37	28			470.98	28		
312	427	433	Min.	577.50	-112.36	30	-22.55	30	-53.09	30	-821.36	28	-712.83	28	-33.94	8
313	-9	-10	Max	0.00	1227.54	10	26.05	4	-35.98	22	614.85	2	0.00	2	165.59	22
313	-9	-10	Max	205.00					-5.32	2			630.22	2		
313	-9	-10	Max	410.00	1227.54	10	26.05	4	48.06	4	-614.85	2	0.00	2	165.59	22
313	-9	-10	Min.	0.00	318.20	32	15.24	22	-58.75	4	614.85	2	0.00	2	-156.81	4

313	-9	-10	Min.	205.00					-5.32	2			630.22	2		
313	-9	-10	Min.	410.00	318.20	32	15.24	22	26.50	22	-614.85	2	0.00	2	-156.81	4
313	-10	-11	Max	0.00	819.50	10	16.10	6	-16.43	20	552.15	32	-25.18	10	6.60	8
313	-10	-11	Max	148.97					-6.72	10			307.63	10		
313	-10	-11	Max	410.00	819.50	10	16.10	6	38.80	6	-677.55	32	-564.04	32	6.60	8
313	-10	-11	Min.	0.00	112.06	32	5.89	20	-27.23	6	446.81	10	-306.98	32	-6.16	18
313	-10	-11	Min.	184.09					-0.14	32			201.26	32		
313	-10	-11	Min.	410.00	112.06	32	5.89	20	7.72	20	-782.89	10	-714.15	10	-6.16	18
313	-11	-41	Max	0.00	500.83	10	79.51	4	69.75	22	866.16	32	-695.61	10	0.54	4
313	-11	-41	Max	176.67	500.83	10	79.51	4	37.43	18	336.29	32	307.14	10	0.54	4
313	-11	-41	Min.	0.00	-131.98	32	-67.94	22	-103.95	4	832.53	10	-794.43	32	-0.57	22
313	-11	-41	Min.	176.67	-131.98	32	-67.94	22	-51.20	8	302.66	10	267.74	32	-0.57	22
313	-41	-42	Max	0.00	434.23	10	12.91	4	37.43	18	336.28	32	307.15	10	0.54	4
313	-41	-42	Max	100.91					14.08	10			459.85	10		
313	-41	-42	Max	191.67	434.23	10	12.91	4	61.28	4	-238.57	32	361.38	32	0.54	4
313	-41	-42	Min.	0.00	-65.38	32	-1.34	22	-51.20	8	302.65	10	267.75	32	-0.57	22
313	-41	-42	Min.	112.12					-15.79	32			456.27	32		
313	-41	-42	Min.	191.67	-65.38	32	-1.34	22	-52.86	22	-272.21	10	336.32	10	-0.57	22
313	-42	-12	Max	0.00	359.50	10	74.15	8	61.27	4	-238.56	32	361.40	32	0.54	4
313	-42	-12	Max	221.67	359.50	10	74.15	8	112.03	8	-903.39	32	-904.26	32	0.54	4
313	-42	-12	Min.	0.00	9.35	32	-62.57	18	-52.86	22	-272.19	10	336.34	10	-0.57	22
313	-42	-12	Min.	221.67	9.35	32	-62.57	18	-77.97	18	-937.02	10	-1003.87	10	-0.57	22
313	-12	-43	Max	0.00	128.17	10	89.45	4	86.55	22	1058.99	32	-943.44	10	6.99	8
313	-12	-43	Max	161.67	128.17	10	89.45	4	23.20	18	574.11	32	233.26	10	6.99	8
313	-12	-43	Min.	0.00	-183.11	32	-76.76	22	-122.76	4	970.30	10	-1132.58	32	-6.92	18
313	-12	-43	Min.	161.67	-183.11	32	-76.76	22	-38.91	8	485.42	10	187.50	32	-6.92	18
313	-43	-44	Max	0.00	64.28	10	25.56	4	23.21	18	574.10	32	233.28	10	6.99	8
313	-43	-44	Max	191.19					-15.91	32			736.97	32		
313	-43	-44	Max	191.67	64.28	10	25.56	4	70.85	4	-0.76	32	736.97	32	6.99	8
313	-43	-44	Min.	0.00	-119.23	32	-12.88	22	-38.91	8	485.41	10	187.52	32	-6.92	18
313	-43	-44	Min.	161.84					20.80	10			626.07	10		
313	-43	-44	Min.	191.67	-119.23	32	-12.88	22	-62.23	22	-89.45	10	612.74	10	-6.92	18
313	-44	-13	Max	0.00	-13.17	10	65.67	8	70.85	4	-0.74	32	736.97	32	6.99	8
313	-44	-13	Max	236.67	-13.17	10	65.67	8	93.93	8	-710.57	32	-104.74	32	6.99	8
313	-44	-13	Min.	0.00	-41.78	32	-52.98	18	-62.23	22	-89.43	10	612.74	10	-6.92	18
313	-44	-13	Min.	236.67	-41.78	32	-52.98	18	-55.30	18	-799.25	10	-438.87	10	-6.92	18
314	410	416	Max	0.00	361.90	28	42.71	14	-3.24	28	566.32	2	0.00	2	46.81	22
314	410	416	Max	198.75					25.22	2			562.78	2		
314	410	416	Max	397.50	361.90	28	42.71	14	110.98	14	-566.32	2	0.00	2	46.81	22
314	410	416	Min.	0.00	-723.39	14	14.79	28	-58.78	14	566.32	2	0.00	2	-103.71	4
314	410	416	Min.	198.75					25.22	2			562.78	2		
314	410	416	Min.	397.50	-723.39	14	14.79	28	55.57	28	-566.32	2	0.00	2	-103.71	4
314	416	422	Max	12.50	279.79	28	80.44	14	-86.19	28	736.22	32	208.20	10	-9.51	24
314	416	422	Max	110.78					-44.85	10			345.82	10		
314	416	422	Max	397.50	279.79	28	80.44	14	156.74	14	-360.80	32	-33.61	32	-9.51	24
314	416	422	Min.	12.50	-541.16	14	43.18	28	-152.96	14	280.04	10	-756.31	32	-16.60	2
314	416	422	Min.	217.67					7.34	24			164.03	24		
314	416	422	Min.	397.50	-541.16	14	43.18	28	80.05	28	-816.97	10	-825.39	10	-16.60	2
314	422	428	Max	12.50	140.75	26	39.35	14	-50.26	28	887.63	32	-465.23	10	-3.14	28
314	422	428	Max	324.02					12.14	32			420.28	32		
314	422	428	Max	577.50	140.75	26	39.35	14	111.92	14	-722.27	32	-495.15	32	-3.14	28
314	422	428	Min.	12.50	-379.69	16	18.06	28	-110.39	14	707.42	10	-962.28	32	-8.27	14
314	422	428	Min.	282.87					-2.83	18			402.42	18		
314	422	428	Min.	577.50	-379.69	16	18.06	28	51.76	28	-902.49	10	-1016.29	10	-8.27	14
314	428	434	Max	12.50	-39.87	26	26.08	16	-32.11	26	1068.35	32	-611.39	10	33.86	20
314	428	434	Max	387.44					13.17	32			682.94	32		
314	428	434	Max	577.50	-39.87	26	26.08	16	63.23	16	-541.56	32	168.30	32	33.86	20
314	428	434	Min.	12.50	-175.40	16	8.92	26	-84.12	16	784.97	10	-1319.88	32	8.96	6
314	428	434	Min.	287.99					-7.52	10			469.86	10		
314	428	434	Min.	577.50	-175.40	16	8.92	26	18.28	26	-824.93	10	-724.28	10	8.96	6
315	-150	-149	Max	0.00	188.72	28	1.71	14	-1.06	28	256.39	2	0.00	2	1.34	24
315	-150	-149	Max	205.00					1.06	2			262.80	2		
315	-150	-149	Max	410.00	188.72	28	1.71	14	4.86	14	-256.39	2	0.00	2	1.34	24
315	-150	-149	Min.	0.00	-90.50	14	0.95	28	-2.16	14	256.39	2	0.00	2	-1.33	2
315	-150	-149	Min.	205.00					1.06	2			262.80	2		
315	-150	-149	Min.	410.00	-90.50	14	0.95	28	2.83	28	-256.39	2	0.00	2	-1.33	2
315	-149	-140	Max	0.00	100.69	28	3.74	14	-4.09	28	256.39	2	0.00	2	0.02	2
315	-149	-140	Max	205.00					-0.01	2			262.80	2		
315	-149	-140	Max	410.00	100.69	28	3.74	14	7.83	14	-256.39	2	0.00	2	0.02	2
315	-149	-140	Min.	0.00	-71.20	14	1.96	28	-7.52	14	256.39	2	0.00	2	-0.02	24
315	-149	-140	Min.	205.00					-0.01	2			262.80	2		
315	-149	-140	Min.	410.00	-71.20	14	1.96	28	3.95	28	-256.39	2	0.00	2	-0.02	24
315	-140	-139	Max	0.00	41.99	28	2.41	14	-3.32	28	378.72	2	0.00	2	0.01	4
315	-140	-139	Max	295.00					-0.07	2			558.62	2		
315	-140	-139	Max	590.00	41.99	28	2.41	14	7.00	14	-378.72	2	0.00	2	0.01	4
315	-140	-139	Min.	0.00	-54.66	14	1.11	28	-7.20	14	378.72	2	0.00	2	-0.02	22
315	-140	-139	Min.	295.00					-0.07	2			558.62	2		
315	-140	-139	Min.	590.00	-54.66	14	1.11	28	3.20	28	-378.72	2	0.00	2	-0.02	22
315	-139	-138	Max	0.00	-15.64	24	1.67	16	-2.39	26	378.72	2	0.00	2	0.16	6
315	-139	-138	Max	295.00					-0.31	2			558.62	2		
315	-139	-138	Max	590.00	-15.64	24	1.67	16	4.38	16	-378.72	2	0.00	2	0.16	6
315	-139	-138	Min.	0.00	-31.45	2	0.74	26	-5.44	16	378.72	2	0.00	2	-0.02	20
315	-139	-138	Min.	295.00					-0.31	2			558.62	2		
315	-139	-138	Min.	590.00	-31.45	2	0.74	26	1.96	26	-378.72	2	0.00	2	-0.02	20
316	311	317	Max	0.00	590.87	28	34.85	14	-39.20	28	518.08	2	0.00	2	100.14	22
316	311	317	Max	198.75					17.54	2			514.84	2		
316	311	317	Max	397.50	590.87	28	34.85	14	87.72	14	-518.08	2	0.00	2	100.14	22
316	311	317	Min.	0.00	-75.92	14	28.83	28	-50.81	14	518.08	2	0.00	2	-63.29	4
316	311	317	Min.	198.75					17.54	2			514.84	2		
316	311	317	Min.	397.50	-75.92	14	28.83	28	75.40	28	-518.08	2	0.00	2	-63.29	4

316	317	323	Max	12.50	389.56	28	67.48	30	-101.47	12	724.39	32	301.45	10	10.15	24
316	317	323	Max	89.12					-62.02	10			377.86	10		
316	317	323	Max	397.50	389.56	28	67.48	30	131.51	30	-279.18	32	60.12	32	10.15	24
316	317	323	Min.	12.50	-139.56	14	51.67	12	-128.29	30	199.58	10	-796.90	32	0.49	2
316	317	323	Min.	220.71					10.09	8			148.16	8		
316	317	323	Min.	397.50	-139.56	14	51.67	12	97.44	12	-803.99	10	-862.02	10	0.49	2
316	323	329	Max	12.50	174.69	28	33.27	30	-65.89	12	833.99	32	-353.10	10	5.09	24
316	323	329	Max	332.44					13.12	32			393.51	32		
316	323	329	Max	577.50	174.69	28	33.27	30	94.75	30	-638.78	32	-389.18	32	5.09	24
316	323	329	Min.	12.50	-185.51	14	23.64	12	-93.22	30	620.98	10	-940.63	32	0.29	2
316	323	329	Min.	284.03					-2.24	22			368.34	22		
316	323	329	Min.	577.50	-185.51	14	23.64	12	67.69	12	-851.79	10	-1005.15	10	0.29	2
316	329	335	Max	12.50	-64.92	28	25.91	16	-63.93	26	998.27	32	-440.87	10	7.72	18
316	329	335	Max	395.47					19.99	32			633.23	32		
316	329	335	Max	577.50	-64.92	28	25.91	16	68.56	8	-474.50	32	201.36	32	7.72	18
316	329	335	Min.	12.50	-140.79	14	22.52	26	-78.72	16	663.84	10	-1278.29	32	-27.62	8
316	329	335	Min.	267.17					-6.41	10			404.42	10		
316	329	335	Min.	577.50	-140.79	14	22.52	26	62.43	18	-808.94	10	-850.78	10	-27.62	8
317	-153	-151	Max	0.00	80.66	28	2.01	2	-2.34	32	214.31	2	0.00	2	1.78	22
317	-153	-151	Max	205.00					1.34	2			219.67	2		
317	-153	-151	Max	410.00	80.66	28	2.01	2	5.46	2	-214.31	2	0.00	2	1.78	22
317	-153	-151	Min.	0.00	-206.36	14	1.79	24	-2.79	10	214.31	2	0.00	2	-1.02	4
317	-153	-151	Min.	205.00					1.34	2			219.67	2		
317	-153	-151	Min.	410.00	-206.36	14	1.79	24	5.00	24	-214.31	2	0.00	2	-1.02	4
317	-151	-145	Max	0.00	86.23	28	4.06	14	-7.81	28	214.31	2	0.00	2	0.08	14
317	-151	-145	Max	205.00					0.02	2			219.67	2		
317	-151	-145	Max	410.00	86.23	28	4.06	14	8.38	14	-214.31	2	0.00	2	0.08	14
317	-151	-145	Min.	0.00	-101.39	14	3.81	28	-8.28	14	214.31	2	0.00	2	-0.01	28
317	-151	-145	Min.	205.00					0.02	2			219.67	2		
317	-151	-145	Min.	410.00	-101.39	14	3.81	28	7.81	28	-214.31	2	0.00	2	-0.01	28
317	-145	-143	Max	0.00	65.76	28	2.54	4	-7.14	28	318.17	2	0.00	2	0.07	16
317	-145	-143	Max	295.00					-0.03	2			469.31	2		
317	-145	-143	Max	590.00	65.76	28	2.54	4	7.42	4	-318.17	2	0.00	2	0.07	16
317	-145	-143	Min.	0.00	-30.66	14	2.41	22	-7.56	14	318.17	2	0.00	2	0.04	26
317	-145	-143	Min.	295.00					-0.03	2			469.31	2		
317	-145	-143	Min.	590.00	-30.66	14	2.41	22	7.06	22	-318.17	2	0.00	2	0.04	26
317	-143	-141	Max	0.00	30.21	32	2.36	10	-6.17	32	318.17	2	0.00	2	-0.17	12
317	-143	-141	Max	295.00					-0.20	2			469.31	2		
317	-143	-141	Max	590.00	30.21	32	2.36	10	6.86	10	-318.17	2	0.00	2	-0.17	12
317	-143	-141	Min.	0.00	18.53	10	1.95	32	-7.07	10	318.17	2	0.00	2	-0.26	30
317	-143	-141	Min.	295.00					-0.20	2			469.31	2		
317	-143	-141	Min.	590.00	18.53	10	1.95	32	5.32	32	-318.17	2	0.00	2	-0.26	30
318	-154	-152	Max	0.00	183.65	28	2.58	14	-2.74	28	212.31	2	0.00	2	1.46	22
318	-154	-152	Max	205.00					0.89	2			217.62	2		
318	-154	-152	Max	410.00	183.65	28	2.58	14	6.57	14	-212.31	2	0.00	2	1.46	22
318	-154	-152	Min.	0.00	20.67	14	1.68	28	-4.01	14	212.31	2	0.00	2	-0.88	4
318	-154	-152	Min.	205.00					0.89	2			217.62	2		
318	-154	-152	Min.	410.00	20.67	14	1.68	28	4.14	28	-212.31	2	0.00	2	-0.88	4
318	-152	-146	Max	0.00	99.90	28	4.31	14	-5.13	28	212.31	2	0.00	2	-0.06	14
318	-152	-146	Max	205.00									217.62	2		
318	-152	-146	Max	410.00	99.90	28	4.31	14	8.90	14	-212.31	2	0.00	2	-0.06	14
318	-152	-146	Min.	0.00	-34.06	14	2.48	28	-8.76	14	212.31	2	0.00	2	-0.13	28
318	-152	-146	Min.	205.00									217.62	2		
318	-152	-146	Min.	410.00	-34.06	14	2.48	28	5.03	28	-212.31	2	0.00	2	-0.13	28
318	-146	-144	Max	0.00	44.70	10	2.77	14	-4.42	28	315.29	2	0.00	2	-0.05	4
318	-146	-144	Max	295.00					-0.04	2			465.05	2		
318	-146	-144	Max	590.00	44.70	10	2.77	14	8.13	14	-315.29	2	0.00	2	-0.05	4
318	-146	-144	Min.	0.00	-41.91	32	1.48	28	-8.21	14	315.29	2	0.00	2	-0.07	22
318	-146	-144	Min.	295.00					-0.04	2			465.05	2		
318	-146	-144	Min.	590.00	-41.91	32	1.48	28	4.31	28	-315.29	2	0.00	2	-0.07	22
318	-144	-142	Max	0.00	-2.40	10	2.37	14	-4.12	28	315.29	2	0.00	2	0.20	12
318	-144	-142	Max	295.00					-0.18	2			465.05	2		
318	-144	-142	Max	590.00	-2.40	10	2.37	14	6.59	14	-315.29	2	0.00	2	0.20	12
318	-144	-142	Min.	0.00	-38.89	32	1.36	28	-7.37	14	315.29	2	0.00	2	0.13	30
318	-144	-142	Min.	295.00					-0.18	2			465.05	2		
318	-144	-142	Min.	590.00	-38.89	32	1.36	28	3.91	28	-315.29	2	0.00	2	0.13	30
501	1	2	Max	12.50	0.00	2	0.00	2	0.00	2	1016.42	22	2119.02	4	867.00	14
501	1	2	Max	213.40									21.00	26		
501	1	2	Max	416.50	0.00	2	0.00	2	0.00	2	1712.87	24	2359.97	22	867.00	14
501	1	2	Min.	12.50	0.00	2	0.00	2	0.00	2	-1103.03	4	-2713.81	22	108.38	28
501	1	2	Min.	19.97									-738.98	16		
501	1	2	Min.	416.50	0.00	2	0.00	2	0.00	2	-359.14	2	-995.99	4	108.38	28
501	2	3	Max	12.50	0.00	2	0.00	2	0.00	2	388.71	22	1996.36	2	174.71	32
501	2	3	Max	122.63									31.23	12		
501	2	3	Max	337.50	0.00	2	0.00	2	0.00	2	1381.71	24	1865.35	24	174.71	32
501	2	3	Min.	12.50	0.00	2	0.00	2	0.00	2	-1494.51	4	-938.38	24	-12.79	10
501	2	3	Min.	301.04									-169.28	10		
501	2	3	Min.	337.50	0.00	2	0.00	2	0.00	2	-440.48	2	-1102.27	2	-12.79	10
501	3	4	Max	12.50	0.00	2	0.00	2	0.00	2	219.02	22	2046.97	4	11.65	22
501	3	4	Max	161.78									-291.51	12		
501	3	4	Max	428.50	0.00	2	0.00	2	0.00	2	1384.60	24	1869.06	24	11.65	22
501	3	4	Min.	12.50	0.00	2	0.00	2	0.00	2	-1490.27	4	-1232.13	22	-114.27	4
501	3	4	Min.	320.39									-441.52	14		
501	3	4	Min.	428.50	0.00	2	0.00	2	0.00	2	-324.04	2	-1408.66	2	-114.27	4
501	4	5	Max	12.50	0.00	2	0.00	2	0.00	2	539.21	22	1718.42	4	61.09	28
501	4	5	Max	208.01									34.32	26		
501	4	5	Max	337.50	0.00	2	0.00	2	0.00	2	1532.94	24	2053.12	22	61.09	28
501	4	5	Min.	12.50	0.00	2	0.00	2	0.00	2	-1283.81	4	-1250.63	22	-127.76	14
501	4	5	Min.	14.66									-300.00	28		
501	4	5	Min.	337.50	0.00	2	0.00	2	0.00	2	-349.81	2	-883.13	4	-127.76	14

501	5	6	Max	12.50	0.00	2	0.00	2	0.00	2	353.44	22	2391.89	2	-93.71	10
501	5	6	Max	223.86									34.52	12		
501	5	6	Max	416.50	0.00	2	0.00	2	0.00	2	1093.36	24	2111.94	24	-93.71	10
501	5	6	Min.	12.50	0.00	2	0.00	2	0.00	2	-1719.40	4	-962.01	24	-853.66	32
501	5	6	Min.	414.42									-748.25	30		
501	5	6	Min.	416.50	0.00	2	0.00	2	0.00	2	-1024.19	2	-2717.99	2	-853.66	32
506	31	32	Max	12.50	0.00	2	0.00	2	0.00	2	1032.12	8	1259.72	18	265.70	16
506	31	32	Max	416.50	0.00	2	0.00	2	0.00	2	267.46	6	690.37	8	265.70	16
506	31	32	Min.	12.50	0.00	2	0.00	2	0.00	2	-236.98	18	-1856.81	8	-386.12	26
506	31	32	Min.	416.50	0.00	2	0.00	2	0.00	2	-882.21	20	-1027.27	18	-386.12	26
506	32	33	Max	12.50	0.00	2	0.00	2	0.00	2	768.55	8	576.90	20	70.80	32
506	32	33	Max	337.50	0.00	2	0.00	2	0.00	2	195.92	6	827.37	6	70.80	32
506	32	33	Min.	12.50	0.00	2	0.00	2	0.00	2	-85.15	18	-753.34	6	-74.63	10
506	32	33	Min.	337.50	0.00	2	0.00	2	0.00	2	-600.12	20	-478.97	20	-74.63	10
506	33	-6	Max	12.50	0.00	2	0.00	2	0.00	2	110.06	8	831.79	18	148.05	28
506	33	-6	Max	220.50	0.00	2	0.00	2	0.00	2	-475.07	8	-834.90	16	148.05	28
506	33	-6	Min.	12.50	0.00	2	0.00	2	0.00	2	-601.70	18	-498.39	8	-152.49	14
506	33	-6	Min.	220.50	0.00	2	0.00	2	0.00	2	-1105.28	18	-926.76	26	-152.49	14
506	-6	34	Max	0.00	0.00	2	0.00	2	0.00	2	1106.22	6	-835.01	30	137.06	32
506	-6	34	Max	208.00	0.00	2	0.00	2	0.00	2	602.91	6	833.89	6	137.06	32
506	-6	34	Min.	0.00	0.00	2	0.00	2	0.00	2	476.49	20	-926.81	12	-162.74	10
506	-6	34	Min.	208.00	0.00	2	0.00	2	0.00	2	-108.32	20	-495.30	20	-162.74	10
506	34	35	Max	12.50	0.00	2	0.00	2	0.00	2	600.26	8	828.00	18	78.19	28
506	34	35	Max	337.50	0.00	2	0.00	2	0.00	2	85.07	6	577.83	8	78.19	28
506	34	35	Min.	12.50	0.00	2	0.00	2	0.00	2	-196.38	18	-479.33	8	-67.85	14
506	34	35	Min.	337.50	0.00	2	0.00	2	0.00	2	-767.96	20	-753.43	18	-67.85	14
506	35	36	Max	12.50	0.00	2	0.00	2	0.00	2	883.40	8	687.96	20	390.26	12
506	35	36	Max	416.50	0.00	2	0.00	2	0.00	2	237.53	6	1260.27	6	390.26	12
506	35	36	Min.	12.50	0.00	2	0.00	2	0.00	2	-267.08	18	-1028.36	6	-261.34	30
506	35	36	Min.	416.50	0.00	2	0.00	2	0.00	2	-1030.59	20	-1854.04	20	-261.34	30
507	1	7	Max	20.00	0.00	2	0.00	2	0.00	2	1366.96	14	1671.61	28	282.86	4
507	1	7	Max	615.00	0.00	2	0.00	2	0.00	2	918.74	14	2058.41	14	282.86	4
507	1	7	Min.	20.00	0.00	2	0.00	2	0.00	2	-691.50	28	-4013.24	14	-394.30	22
507	1	7	Min.	615.00	0.00	2	0.00	2	0.00	2	-728.13	28	-2068.29	28	-394.30	22
507	7	13	Max	20.00	0.00	2	0.00	2	0.00	2	258.68	14	3453.60	28	49.02	20
507	7	13	Max	397.50	0.00	2	0.00	2	0.00	2	-44.44	14	169.82	14	49.02	20
507	7	13	Min.	20.00	0.00	2	0.00	2	0.00	2	-1627.88	28	-459.69	14	-187.42	6
507	7	13	Min.	397.50	0.00	2	0.00	2	0.00	2	-1381.59	28	-1848.55	28	-187.42	6
507	13	19	Max	12.50	0.00	2	0.00	2	0.00	2	887.26	14	-95.49	28	-0.31	24
507	13	19	Max	397.50	0.00	2	0.00	2	0.00	2	142.10	16	604.28	14	-0.31	24
507	13	19	Min.	12.50	0.00	2	0.00	2	0.00	2	78.35	28	-1309.92	14	-63.59	2
507	13	19	Min.	397.50	0.00	2	0.00	2	0.00	2	-530.80	26	-913.70	28	-63.59	2
507	19	25	Max	12.50	0.00	2	0.00	2	0.00	2	665.29	14	474.89	28	129.86	24
507	19	25	Max	577.50	0.00	2	0.00	2	0.00	2	-47.21	16	396.45	14	129.86	24
507	19	25	Min.	12.50	0.00	2	0.00	2	0.00	2	28.36	28	-975.74	14	-113.50	2
507	19	25	Min.	577.50	0.00	2	0.00	2	0.00	2	-596.00	26	-933.66	28	-113.50	2
507	25	31	Max	12.50	0.00	2	0.00	2	0.00	2	680.09	14	526.70	28	493.29	8
507	25	31	Max	577.50	0.00	2	0.00	2	0.00	2	28.90	16	915.09	14	493.29	8
507	25	31	Min.	12.50	0.00	2	0.00	2	0.00	2	-12.93	28	-1051.62	14	-287.20	18
507	25	31	Min.	577.50	0.00	2	0.00	2	0.00	2	-893.83	26	-1603.21	28	-287.20	18
519	6	12	Max	20.00	0.00	2	0.00	2	0.00	2	1358.89	32	1673.41	10	394.60	2
519	6	12	Max	615.00	0.00	2	0.00	2	0.00	2	913.06	32	2042.25	32	394.60	2
519	6	12	Min.	20.00	0.00	2	0.00	2	0.00	2	-694.76	10	-3995.82	32	-281.67	24
519	6	12	Min.	615.00	0.00	2	0.00	2	0.00	2	-726.87	10	-2066.35	10	-281.67	24
519	12	18	Max	20.00	0.00	2	0.00	2	0.00	2	250.46	32	3451.55	10	187.78	18
519	12	18	Max	397.50	0.00	2	0.00	2	0.00	2	-49.81	32	163.25	32	187.78	18
519	12	18	Min.	20.00	0.00	2	0.00	2	0.00	2	-1626.52	10	-441.72	32	-49.95	8
519	12	18	Min.	397.50	0.00	2	0.00	2	0.00	2	-1383.04	10	-1849.86	10	-49.95	8
519	18	24	Max	12.50	0.00	2	0.00	2	0.00	2	887.34	32	-101.99	10	63.01	22
519	18	24	Max	397.50	0.00	2	0.00	2	0.00	2	141.74	30	602.26	32	63.01	22
519	18	24	Min.	12.50	0.00	2	0.00	2	0.00	2	82.28	10	-1311.47	32	-0.45	4
519	18	24	Min.	397.50	0.00	2	0.00	2	0.00	2	-529.18	12	-911.36	10	-0.45	4
519	24	30	Max	12.50	0.00	2	0.00	2	0.00	2	663.52	32	478.13	10	112.96	22
519	24	30	Max	577.50	0.00	2	0.00	2	0.00	2	-48.14	30	394.04	32	112.96	22
519	24	30	Min.	12.50	0.00	2	0.00	2	0.00	2	26.89	10	-971.75	32	-130.61	4
519	24	30	Min.	577.50	0.00	2	0.00	2	0.00	2	-595.87	12	-933.84	10	-130.61	4
519	30	36	Max	12.50	0.00	2	0.00	2	0.00	2	678.57	32	527.38	10	286.73	6
519	30	36	Max	577.50	0.00	2	0.00	2	0.00	2	26.37	30	908.60	32	286.73	6
519	30	36	Min.	12.50	0.00	2	0.00	2	0.00	2	-13.48	10	-1048.17	32	-493.52	20
519	30	36	Min.	577.50	0.00	2	0.00	2	0.00	2	-894.40	12	-1605.77	10	-493.52	20

Tipo di combinazione di carico: SLU

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	101	Max	17.00	-7701.26	37	2576.24	41	-848.53	37	1361.43	37	-422.82	41	-5.51	41
1	1	101	Max	206.09					3311.56	37			350.66	37		
1	1	101	Max	310.50	-6747.39	37	2576.24	41	6553.27	41	-546.61	33	-41.81	37	-5.51	41
1	1	101	Min.	17.00	-9027.91	41	2200.08	37	-1008.00	41	695.36	41	-936.49	37	-9.47	37
1	1	101	Min.	177.96					3138.77	41			136.81	41		
1	1	101	Min.	310.50	-7927.29	41	2200.08	37	5608.71	37	-751.77	37	-242.63	41	-9.47	37
2	2	302	Max	17.00	-13537.50	37	4497.26	41	-482.72	37	557.23	37	-435.30	41	-5.51	41
2	2	302	Max	310.50	-12583.60	37	4497.27	41	12643.10	41	557.23	37	729.00	37	-5.51	41
2	2	302	Min.	17.00	-15709.80	41	3912.39	37	-556.34	41	282.97	41	-906.46	37	-9.47	37
2	2	302	Min.	310.50	-14609.20	41	3912.40	37	11000.20	37	282.97	41	395.21	41	-9.47	37
3	3	403	Max	17.00	-14013.70	37	4420.43	41	-148.51	37	664.18	37	-706.15	41	-5.51	41
3	3	403	Max	310.50	-13059.80	37	4420.43	41	12809.50	41	664.18	37	817.54	37	-5.51	41
3	3	403	Min.	17.00	-16084.20	41	3851.71	37	-164.42	41	397.80	41	-1131.82	37	-9.47	37
3	3	403	Min.	310.50	-14983.50	41	3851.71	37	11156.30	37	397.80	41	461.40	41	-9.47	37
4	4	404	Max	17.00	-13034.50	37	4005.97	41	31.21	37	676.27	37	-622.32	33	-5.51	41

4	4	404	Max	310.50	-12080.60	37	4005.97	41	11777.60	41	676.27	37	928.46	37	-5.51	41
4	4	404	Min.	17.00	-15197.20	41	3445.33	37	20.13	41	412.46	33	-1056.39	37	-9.47	37
4	4	404	Min.	310.50	-14096.60	41	3445.33	37	10143.30	37	412.46	33	588.26	33	-9.47	37
5	5	305	Max	17.00	-13831.20	37	4511.46	41	-563.64	37	734.97	37	-842.34	33	-5.51	41
5	5	305	Max	310.50	-12877.30	37	4511.46	41	12620.00	41	734.97	37	893.50	37	-5.51	41
5	5	305	Min.	17.00	-15867.40	41	3947.46	37	-621.09	41	480.18	33	-1263.64	37	-9.47	37
5	5	305	Min.	310.50	-14766.70	41	3947.46	37	11022.20	37	480.18	33	566.99	33	-9.47	37
6	6	106	Max	17.00	-8096.55	37	2640.91	41	-973.80	37	1226.40	37	-862.38	33	-5.51	41
6	6	106	Max	310.50	-7142.67	37	2640.91	41	6667.80	41	226.32	41	803.13	37	-5.51	41
6	6	106	Min.	17.00	-9276.28	41	2300.13	37	-1083.27	41	833.97	33	-1245.81	37	-9.47	37
6	6	106	Min.	310.50	-8175.66	41	2300.13	37	5777.07	37	169.81	37	654.98	33	-9.47	37
7	7	107	Max	17.00	-9069.66	37	-2592.64	37	2377.97	41	1095.86	37	-222.56	33	-5.58	41
7	7	107	Max	169.20					-1763.48	37			501.04	37		
7	7	107	Max	305.50	-8132.03	37	-2592.64	37	-5297.18	37	-636.48	33	-167.73	37	-5.58	41
7	7	107	Min.	17.00	-10689.80	41	-2918.57	41	2180.62	33	601.75	41	-332.92	37	-9.60	37
7	7	107	Min.	156.29					-1687.44	41			192.00	41		
7	7	107	Min.	305.50	-9607.90	41	-2918.57	41	-6042.10	41	-981.34	37	-288.87	41	-9.60	37
8	8	-155	Max	0.00	-17289.90	37	-3927.88	37	749.90	41	122.31	37	-116.96	41	-5.34	41
8	8	-155	Max	305.50	-16297.10	37	-3927.88	37	-11331.40	37	122.31	37	176.25	37	-5.34	41
8	8	-155	Min.	0.00	-20258.50	41	-4441.60	41	668.22	37	68.16	41	-197.41	37	-9.18	37
8	8	-155	Min.	305.50	-19112.90	41	-4441.60	41	-12819.20	41	68.16	41	91.28	41	-9.18	37
9	9	-15	Max	0.00	-17531.20	37	-3834.71	37	731.92	41	156.68	37	-123.20	41	-5.34	41
9	9	-15	Max	305.50	-16538.30	37	-3834.71	37	-11069.30	37	156.68	37	269.38	37	-5.34	41
9	9	-15	Min.	0.00	-20423.00	41	-4357.78	41	645.76	37	86.24	41	-209.27	37	-9.18	37
9	9	-15	Min.	305.50	-19277.40	41	-4357.78	41	-12581.10	41	86.24	41	140.27	41	-9.18	37
10	10	-16	Max	0.00	-16612.90	37	-3383.29	37	653.45	41	190.00	37	-137.78	33	-5.34	41
10	10	-16	Max	305.50	-15620.10	37	-3383.29	37	-9773.95	37	190.00	37	359.67	37	-5.34	41
10	10	-16	Min.	0.00	-19516.20	41	-3915.98	41	562.00	37	128.58	33	-220.77	37	-9.18	37
10	10	-16	Min.	305.50	-18370.50	41	-3915.98	41	-11309.90	41	128.58	33	255.04	33	-9.18	37
11	11	-7	Max	0.00	-16859.50	37	-3792.65	37	717.31	41	117.88	37	-111.25	33	-5.34	41
11	11	-7	Max	305.50	-15866.60	37	-3792.65	37	-10963.60	37	117.88	37	164.23	37	-5.34	41
11	11	-7	Min.	0.00	-19785.70	41	-4325.06	41	622.98	37	51.62	41	-195.88	37	-9.18	37
11	11	-7	Min.	305.50	-18640.10	41	-4325.06	41	-12495.80	41	51.62	41	46.45	41	-9.18	37
12	12	112	Max	17.00	-9066.42	37	-2378.34	37	2152.72	41	746.14	37	-132.94	41	-5.51	41
12	12	112	Max	224.26					-3143.06	37			508.97	37		
12	12	112	Max	310.50	-8112.54	37	-2378.34	37	-5194.11	37	-128.61	41	419.94	41	-5.51	41
12	12	112	Min.	17.00	-10684.20	41	-2797.22	41	1786.33	37	497.04	33	-264.26	37	-9.47	37
12	12	112	Min.	247.11					-3922.84	33			434.58	33		
12	12	112	Min.	310.50	-9583.54	41	-2797.22	41	-6057.11	41	-310.46	37	375.10	37	-9.47	37
13	13	113	Max	17.00	-3047.88	37	-86.48	33	243.72	37	904.33	37	-25.21	41	-2.10	41
13	13	113	Max	142.60					103.32	37			346.06	37		
13	13	113	Max	310.53	-2451.65	37	-86.48	33	-46.07	33	-925.55	33	-669.16	37	-2.10	41
13	13	113	Min.	17.00	-3984.00	41	-111.78	37	207.76	33	305.21	41	-221.86	37	-3.61	37
13	13	113	Min.	87.65					158.00	41			82.61	41		
13	13	113	Min.	310.53	-3296.04	41	-111.78	37	-84.40	37	-1209.10	37	-990.39	41	-3.61	37
14	14	314	Max	0.00	-4834.02	37	173.72	41	-120.66	37	265.35	37	-188.33	33	-26.28	37
14	14	314	Max	340.58	-4142.22	37	173.72	41	439.96	41	265.35	37	646.55	37	-26.28	37
14	14	314	Min.	0.00	-6535.87	41	134.54	37	-151.69	41	225.01	33	-257.17	37	-28.67	41
14	14	314	Min.	340.58	-5737.65	41	134.54	37	337.54	37	225.01	33	578.01	33	-28.67	41
15	15	415	Max	0.00	-5096.33	37	248.09	41	-206.31	37	62.57	37	-45.64	41	-21.84	37
15	15	415	Max	365.09	-4354.75	37	248.09	41	656.37	41	62.57	37	88.47	37	-21.84	37
15	15	415	Min.	0.00	-6635.73	41	198.11	37	-249.39	41	-22.50	41	-139.97	37	-24.34	41
15	15	415	Min.	365.09	-5780.05	41	198.11	37	516.96	37	-22.50	41	-127.80	41	-24.34	41
16	16	416	Max	0.00	-5024.74	37	239.90	41	-198.86	37	246.91	37	-185.29	33	22.68	41
16	16	416	Max	365.09	-4283.16	37	239.90	41	637.33	41	246.91	37	643.88	37	22.68	41
16	16	416	Min.	0.00	-6589.10	41	192.21	37	-238.49	41	195.96	33	-257.55	37	17.78	37
16	16	416	Min.	365.09	-5733.43	41	192.21	37	502.87	37	195.96	33	530.14	33	17.78	37
17	17	317	Max	0.00	-5041.37	37	182.87	41	-141.61	37	76.07	37	-57.35	41	23.32	41
17	17	317	Max	340.58	-4349.57	37	182.87	41	459.92	41	76.07	37	97.50	37	23.32	41
17	17	317	Min.	0.00	-6654.59	41	150.89	37	-162.90	41	-31.71	41	-161.56	37	18.36	37
17	17	317	Min.	340.58	-5856.37	41	150.89	37	372.30	37	-31.71	41	-165.35	41	18.36	37
18	18	118	Max	17.00	-3077.30	37	6.13	37	114.44	41	982.40	37	-345.06	33	-2.10	41
18	18	118	Max	289.89					78.81	37			917.97	37		
18	18	118	Max	310.53	-2481.07	37	6.13	37	80.08	37	194.39	41	1138.76	41	-2.10	41
18	18	118	Min.	17.00	-3992.98	41	-20.39	41	62.09	37	790.95	33	-422.46	37	-3.61	37
18	18	118	Min.	289.89					78.81	37			917.97	37		
18	18	118	Min.	310.53	-3305.01	41	-20.39	41	54.59	41	-74.31	37	910.30	37	-3.61	37
19	19	119	Max	17.00	-3965.67	37	102.88	41	-46.74	37	842.03	37	10.57	41	-2.10	41
19	19	119	Max	134.04					17.52	37			298.19	37		
19	19	119	Max	310.53	-3369.43	37	102.88	41	194.78	41	-1011.72	33	-824.33	37	-2.10	41
19	19	119	Min.	17.00	-5166.19	41	54.90	37	-107.21	41	210.79	41	-194.19	37	-3.61	37
19	19	119	Min.	65.79					-57.01	41			62.00	41		
19	19	119	Min.	310.53	-4478.23	41	54.90	37	114.41	37	-1271.39	37	-1231.76	41	-3.61	37
20	20	320	Max	0.00	-5701.64	37	188.16	41	-127.08	37	294.23	37	-207.32	33	-26.24	37
20	20	320	Max	340.58	-5009.84	37	188.16	41	481.43	41	294.23	37	725.12	37	-26.24	37
20	20	320	Min.	0.00	-7769.10	41	146.61	37	-159.41	41	256.40	33	-276.96	37	-28.50	41
20	20	320	Min.	340.58	-6970.87	41	146.61	37	372.23	37	256.40	33	665.93	33	-28.50	41
21	21	421	Max	0.00	-6214.39	37	251.77	41	-209.63	37	27.53	37	-15.22	41	-20.65	37
21	21	421	Max	365.09	-5472.81	37	251.77	41	667.70	41	27.53	37	-21.90	37	-20.65	37
21	21	421	Min.	0.00	-8203.06	41	203.95	37	-251.48	41	-75.35	41	-122.41	37	-22.84	41
21	21	421	Min.	365.09	-7347.39	41	203.95	37	534.96	37	-75.35	41	-290.30	41	-22.84	41
22	22	422	Max	0.00	-6115.82	37	243.46	41	-202.85	37	294.95	37	-221.43	33	21.61	41
22	22	422	Max	365.09	-5374.24	37	243.46	41	647.88	41	294.95	37	785.23	37	21.61	41
22	22	422	Min.	0.00	-8146.78	41	198.46	37	-240.94	41	250.09	33	-291.58	37	16.92	37
22	22	422	Min.	365.09	-7291.11	41	198.46	37	521.71	37	250.09					

24	24	124	Max	310.53	-3409.69	37	158.59	41	267.94	41	297.59	41	1406.59	41	-2.10	41
24	24	124	Min.	17.00	-5194.35	41	144.47	33	-202.94	37	885.88	33	-449.56	37	-3.61	37
24	24	124	Min.	310.53	-4506.39	41	144.47	33	242.31	33	2.83	37	1109.64	37	-3.61	37
25	25	125	Max	17.00	-4491.43	37	-25.89	41	94.38	37	839.88	37	30.34	41	-2.10	41
25	25	125	Max	133.65					36.90	37			220.56	37		
25	25	125	Max	310.53	-3895.20	37	-25.89	41	-12.11	41	-1064.12	33	-905.76	37	-2.10	41
25	25	125	Min.	17.00	-5919.28	41	-49.28	37	62.13	33	149.60	41	-269.29	37	-3.61	37
25	25	125	Min.	64.21					49.68	33			48.62	33		
25	25	125	Min.	310.53	-5231.31	41	-49.28	37	-50.26	37	-1273.54	37	-1391.61	41	-3.61	37
26	26	326	Max	0.00	-6583.65	37	115.17	41	-99.39	37	321.15	37	-224.37	33	-27.94	37
26	26	326	Max	340.58	-5891.86	37	115.17	41	271.28	41	321.15	37	796.18	37	-27.94	37
26	26	326	Min.	0.00	-8978.45	41	94.08	37	-120.96	41	282.20	33	-297.59	37	-30.34	41
26	26	326	Min.	340.58	-8180.23	41	94.08	37	221.02	37	282.20	33	736.72	33	-30.34	41
27	27	427	Max	0.00	-7256.15	37	182.20	41	-179.49	37	10.36	37	-0.72	41	-21.55	37
27	27	427	Max	365.09	-6514.57	37	182.20	41	454.71	41	10.36	37	-79.64	37	-21.55	37
27	27	427	Min.	0.00	-9614.03	41	152.94	37	-210.47	41	-103.67	41	-117.48	37	-23.95	41
27	27	427	Min.	365.09	-8758.35	41	152.94	37	378.87	37	-103.67	41	-379.19	41	-23.95	41
28	28	428	Max	0.00	-7151.98	37	174.57	41	-173.45	37	328.63	37	-246.87	33	22.99	41
28	28	428	Max	365.09	-6410.39	37	174.57	41	436.60	41	328.63	37	880.89	37	22.99	41
28	28	428	Min.	0.00	-9551.84	41	148.08	37	-200.72	41	284.69	33	-318.89	37	18.14	37
28	28	428	Min.	365.09	-8696.17	41	148.07	37	367.15	37	284.69	33	792.50	33	18.14	37
29	29	329	Max	0.00	-6757.89	37	123.38	41	-119.68	37	63.36	37	-46.35	41	24.26	41
29	29	329	Max	340.58	-6066.10	37	123.38	41	288.99	41	63.36	37	48.04	37	24.26	41
29	29	329	Min.	0.00	-9079.44	41	110.16	37	-131.22	41	-68.10	41	-167.74	37	19.19	37
29	29	329	Min.	340.58	-8281.22	41	110.16	37	255.51	37	-68.10	41	-278.29	41	19.19	37
30	30	130	Max	17.00	-4604.15	37	56.70	37	-33.63	41	1187.10	37	-554.50	33	-2.10	41
30	30	130	Max	310.53	-4007.92	37	56.70	37	93.45	37	433.83	41	1619.59	41	-2.10	41
30	30	130	Min.	17.00	-5988.85	41	35.68	33	-72.98	37	1013.36	33	-653.69	37	-3.61	37
30	30	130	Min.	310.53	-5300.89	41	35.68	33	68.97	33	130.39	37	1279.93	37	-3.61	37
31	31	231	Max	17.00	-2606.73	37	-427.13	37	539.20	41	1222.48	37	-270.38	41	-2.10	41
31	31	231	Max	186.79					-228.74	37			174.03	37		
31	31	231	Max	310.53	-2010.50	37	-427.13	37	-757.27	37	-755.38	33	-377.21	37	-2.10	41
31	31	231	Min.	17.00	-3358.67	41	-499.09	41	486.42	33	466.68	41	-863.79	37	-3.61	37
31	31	231	Min.	125.03					0.04	41			-18.31	41		
31	31	231	Min.	310.53	-2670.71	41	-499.09	41	-925.79	41	-890.94	37	-761.60	41	-3.61	37
32	32	332	Max	17.00	-3667.18	37	-257.20	37	147.87	41	597.31	37	-638.14	33	-21.50	33
32	32	332	Max	340.58	-3009.92	37	-257.20	37	-721.09	37	597.31	37	977.80	37	-21.50	33
32	32	332	Min.	17.00	-4954.44	41	-352.22	41	111.14	37	433.31	33	-954.94	37	-23.29	37
32	32	332	Min.	340.58	-4196.06	41	-352.22	41	-991.84	41	433.31	33	763.95	33	-23.29	37
33	33	433	Max	17.00	-3973.81	37	-247.89	37	91.91	41	348.40	37	-454.31	33	-0.24	41
33	33	433	Max	365.09	-3266.76	37	-247.89	37	-829.16	37	348.40	37	472.21	37	-0.24	41
33	33	433	Min.	17.00	-5088.62	41	-366.60	41	33.71	37	178.12	41	-740.54	37	-4.71	37
33	33	433	Min.	365.09	-4272.79	41	-366.60	41	-1184.19	41	178.12	41	164.16	41	-4.71	37
34	34	434	Max	17.00	-3810.22	37	-256.83	37	113.75	41	433.98	37	-404.91	41	1.38	37
34	34	434	Max	365.09	-3103.17	37	-256.82	37	-844.22	37	433.98	37	812.82	37	1.38	37
34	34	434	Min.	17.00	-4993.33	41	-378.51	41	49.76	37	283.24	33	-697.80	37	-0.52	41
34	34	434	Min.	365.09	-4177.50	41	-378.51	41	-1203.81	41	283.24	33	579.16	33	-0.52	41
35	35	335	Max	17.00	-3914.69	37	-236.01	37	123.69	41	357.15	37	-352.73	41	15.46	41
35	35	335	Max	340.58	-3257.42	37	-236.01	37	-698.00	37	357.15	37	432.13	37	15.46	41
35	35	335	Min.	17.00	-5101.47	41	-341.95	41	65.67	37	122.59	41	-723.52	37	13.19	37
35	35	335	Min.	340.58	-4343.09	41	-341.95	41	-982.77	41	122.59	41	43.93	41	13.19	37
36	36	136	Max	17.00	-2739.75	37	-325.99	37	428.79	41	1348.79	37	-982.67	33	-2.10	41
36	36	136	Max	310.53	-2143.52	37	-325.99	37	-644.51	37	441.76	41	1200.18	41	-2.10	41
36	36	136	Min.	17.00	-3440.22	41	-437.58	41	312.37	37	1029.86	33	-1301.10	37	-3.61	37
36	36	136	Min.	310.53	-2752.26	41	-437.58	41	-855.66	41	292.08	37	1107.13	37	-3.61	37
101	101	302	Max	12.50	0.00	33	0.00	33	0.00	33	458.58	41	-112.32	37	-220.85	37
101	101	302	Max	208.16									189.32	41		
101	101	302	Max	416.50	0.00	33	0.00	33	0.00	33	-428.39	33	-289.74	33	-220.85	37
101	101	302	Min.	12.50	0.00	37	0.00	33	0.00	33	331.88	37	-259.32	41	-252.18	41
101	101	302	Min.	175.89									158.81	37		
101	101	302	Min.	416.50	0.00	37	0.00	33	0.00	33	-488.75	37	-429.19	37	-252.18	41
101	302	403	Max	12.50	0.00	37	0.00	33	0.00	33	187.46	41	341.77	37	-12.75	37
101	302	403	Max	16.48									341.93	37		
101	302	403	Max	337.50	0.00	37	0.00	33	0.00	33	-523.54	33	-501.27	33	-12.75	37
101	302	403	Min.	12.50	0.00	41	0.00	33	0.00	33	8.08	37	97.03	41	-16.22	41
101	302	403	Min.	92.48									171.99	41		
101	302	403	Min.	337.50	0.00	41	0.00	33	0.00	33	-652.08	37	-704.74	37	-16.22	41
101	403	-8	Max	12.50	0.00	33	0.00	33	0.00	33	359.77	41	157.11	37	39.50	37
101	403	-8	Max	120.07									274.63	37		
101	403	-8	Max	220.50	0.00	33	0.00	33	0.00	33	-127.65	33	199.97	41	39.50	37
101	403	-8	Min.	12.50	0.00	37	0.00	33	0.00	33	218.50	37	-41.36	41	38.67	41
101	403	-8	Min.	157.66									213.65	33		
101	403	-8	Min.	220.50	0.00	37	0.00	33	0.00	33	-204.00	37	172.20	37	38.67	41
101	-8	404	Max	0.00	0.00	37	0.00	33	0.00	33	-127.65	33	199.98	41	39.50	37
101	-8	404	Max	208.00	0.00	37	0.00	33	0.00	33	-550.15	33	-531.36	33	39.50	37
101	-8	404	Min.	0.00	0.00	33	0.00	33	0.00	33	-204.00	37	172.20	37	38.67	41
101	-8	404	Min.	208.00	0.00	33	0.00	33	0.00	33	-626.50	37	-691.51	37	38.67	41
101	404	305	Max	12.50	0.00	33	0.00	33	0.00	33	210.48	41	272.70	37	-23.58	41
101	404	305	Max	30.89									276.14	37		
101	404	305	Max	337.50	0.00	33	0.00	33	0.00	33	-500.04	33	-477.85	33	-23.58	41
101	404	305	Min.	12.50	0.00	33	0.00	33	0.00	33	37.35	37	44.80	41	-25.26	33
101	404	305	Min.	91.32									137.65	33		
101	404	305	Min.	337.50	0.00	33	0.00	33	0.00	33	-622.80	37	-678.65	37	-25.26	33
101	305	106	Max	12.50	0.00	33	0.00	33	0.00	33	289.44	41	279.71	37	250.94	41
101	305	106	Max	91.15									342.53	37		
101	305	106	Max	416.50	0.00	33	0.00	33	0.00	33	-590.91	33	-590.61	33	250.94	41
101	305	106	Min.	12.50	0.00	37	0.00	33	0.00	33	159.75	37	10			

107	101	-120	Max	105.83	0.00	33	0.00	33	0.00	33	4865.95	41	-93.30	37	-0.46	33
107	101	-120	Min.	20.00	0.00	37	0.00	37	0.00	33	5938.69	37	-5192.37	41	-13.99	37
107	101	-120	Min.	105.83	0.00	37	0.00	37	0.00	37	4175.68	37	-136.35	41	-13.99	37
107	-120	-121	Max	0.00	0.00	33	0.00	33	0.00	33	4865.95	41	-93.31	37	-0.46	33
107	-120	-121	Max	122.83	0.00	33	0.00	33	0.00	33	1933.52	41	4039.65	41	-0.46	33
107	-120	-121	Min.	0.00	0.00	37	0.00	33	0.00	33	4175.68	37	-136.35	41	-13.99	37
107	-120	-121	Min.	122.83	0.00	37	0.00	33	0.00	33	1652.68	37	3486.28	37	-13.99	37
107	-121	-122	Max	0.00	0.00	33	0.00	33	0.00	37	1933.51	41	4039.66	41	-0.46	33
107	-121	-122	Max	80.99									4822.64	41		
107	-121	-122	Max	105.83	0.00	33	0.00	33	0.00	33	-521.14	37	4748.97	41	-0.46	33
107	-121	-122	Min.	0.00	0.00	37	0.00	37	0.00	33	1652.67	37	3486.28	37	-13.99	37
107	-121	-122	Min.	80.46									4151.16	37		
107	-121	-122	Min.	105.83	0.00	37	0.00	37	0.00	37	-593.08	41	4085.05	37	-13.99	37
107	-122	-123	Max	0.00	0.00	33	0.00	33	0.00	37	-521.14	37	4748.97	41	-0.46	33
107	-122	-123	Max	105.83	0.00	33	0.00	33	0.00	33	-2694.95	37	2784.32	41	-0.46	33
107	-122	-123	Min.	0.00	0.00	37	0.00	37	0.00	33	-593.07	41	4085.05	37	-13.99	37
107	-122	-123	Min.	105.83	0.00	37	0.00	37	0.00	37	-3119.66	41	2383.20	37	-13.99	37
107	-123	-124	Max	0.00	0.00	33	0.00	33	0.00	37	-2694.95	37	2784.33	41	-0.46	33
107	-123	-124	Max	105.83	0.00	33	0.00	33	0.00	33	-4868.76	37	-1619.25	37	-0.46	33
107	-123	-124	Min.	0.00	0.00	37	0.00	37	0.00	33	-3119.65	41	2383.21	37	-13.99	37
107	-123	-124	Min.	105.83	0.00	37	0.00	37	0.00	37	-5646.23	41	-1854.28	41	-13.99	37
107	-124	107	Max	0.00	0.00	37	0.00	37	0.00	33	-4868.78	37	-1619.28	37	-0.46	33
107	-124	107	Max	68.83	0.00	37	0.00	37	0.00	37	-6282.61	37	-5457.22	37	-0.46	33
107	-124	107	Min.	0.00	0.00	33	0.00	33	0.00	37	-5646.25	41	-1854.32	41	-13.99	37
107	-124	107	Min.	68.83	0.00	33	0.00	33	0.00	33	-7289.52	41	-6306.38	41	-13.99	37
110	302	-115	Max	20.00	0.00	33	0.00	33	0.00	37	13014.50	41	-9368.20	37	32.39	37
110	302	-115	Max	105.83	0.00	33	0.00	33	0.00	33	9523.41	41	-961.08	37	32.39	37
110	302	-115	Min.	20.00	0.00	37	0.00	37	0.00	33	11295.80	37	-10757.00	41	21.79	33
110	302	-115	Min.	105.83	0.00	37	0.00	37	0.00	37	8293.58	37	-1084.47	41	21.79	33
110	-115	-116	Max	0.00	0.00	33	0.00	33	0.00	33	9523.42	41	-961.09	37	32.39	37
110	-115	-116	Max	122.83	0.00	33	0.00	33	0.00	33	4527.38	41	7545.06	41	32.39	37
110	-115	-116	Min.	0.00	0.00	37	0.00	33	0.00	33	8293.58	37	-1084.47	41	21.79	33
110	-115	-116	Min.	122.83	0.00	37	0.00	33	0.00	33	3997.18	37	6587.49	37	21.79	33
110	-116	-117	Max	0.00	0.00	33	0.00	33	0.00	37	4527.37	41	7545.08	41	32.39	37
110	-116	-117	Max	105.83	0.00	33	0.00	33	0.00	33	295.38	37	10058.70	41	32.39	37
110	-116	-117	Min.	0.00	0.00	37	0.00	37	0.00	33	3997.16	37	6587.51	37	21.79	33
110	-116	-117	Min.	105.83	0.00	37	0.00	37	0.00	37	222.78	41	8858.98	37	21.79	33
110	-117	-118	Max	0.00	0.00	33	0.00	33	0.00	37	-754.61	37	10058.70	41	32.39	37
110	-117	-118	Max	105.83	0.00	33	0.00	33	0.00	33	-4456.39	37	6905.41	41	32.39	37
110	-117	-118	Min.	0.00	0.00	37	0.00	37	0.00	33	-827.20	41	8858.98	37	21.79	33
110	-117	-118	Min.	105.83	0.00	37	0.00	37	0.00	37	-5131.79	41	6101.49	37	21.79	33
110	-118	-119	Max	0.00	0.00	37	0.00	33	0.00	37	-5506.38	37	6905.42	41	32.39	37
110	-118	-119	Max	105.83	0.00	37	0.00	33	0.00	33	-9208.17	37	-1684.94	37	32.39	37
110	-118	-119	Min.	0.00	0.00	33	0.00	37	0.00	33	-6181.77	41	6101.50	37	21.79	33
110	-118	-119	Min.	105.83	0.00	33	0.00	37	0.00	37	-10486.40	41	-1914.80	41	21.79	33
110	-119	-155	Max	0.00	0.00	33	0.00	37	0.00	33	-10258.20	37	-1685.01	37	32.39	37
110	-119	-155	Max	68.83	0.00	33	0.00	37	0.00	37	-12665.80	37	-9574.68	37	32.39	37
110	-119	-155	Min.	0.00	0.00	37	0.00	33	0.00	37	-11536.40	41	-1914.87	41	21.79	33
110	-119	-155	Min.	68.83	0.00	37	0.00	33	0.00	33	-14336.10	41	-10819.30	41	21.79	33
112	403	-95	Max	20.00	0.00	33	0.00	33	0.00	37	13119.10	41	-9341.35	37	15.49	37
112	403	-95	Max	105.83	0.00	33	0.00	33	0.00	33	9578.49	41	-873.01	37	15.49	37
112	403	-95	Min.	20.00	0.00	37	0.00	37	0.00	33	11388.40	37	-10710.70	41	5.86	41
112	403	-95	Min.	105.83	0.00	37	0.00	37	0.00	37	8343.67	37	-969.65	41	5.86	41
112	-95	-96	Max	0.00	0.00	33	0.00	33	0.00	33	9578.49	41	-873.01	37	15.49	37
112	-95	-96	Max	122.83	0.00	33	0.00	33	0.00	33	4511.71	41	7684.08	41	15.49	37
112	-95	-96	Min.	0.00	0.00	33	0.00	37	0.00	33	8343.67	37	-969.65	41	5.86	41
112	-95	-96	Min.	122.83	0.00	33	0.00	37	0.00	37	3986.46	37	6699.74	37	5.86	41
112	-96	-97	Max	0.00	0.00	33	0.00	33	0.00	37	4511.69	41	7684.10	41	15.49	37
112	-96	-97	Max	105.83	0.00	33	0.00	33	0.00	33	232.28	37	10148.90	41	15.49	37
112	-96	-97	Min.	0.00	0.00	37	0.00	37	0.00	33	3986.45	37	6699.76	37	5.86	41
112	-96	-97	Min.	105.83	0.00	37	0.00	37	0.00	37	146.15	41	8932.17	37	5.86	41
112	-97	-98	Max	0.00	0.00	33	0.00	33	0.00	37	-817.71	37	10148.90	41	15.49	37
112	-97	-98	Max	105.83	0.00	33	0.00	33	0.00	33	-4571.88	37	6882.21	41	15.49	37
112	-97	-98	Min.	0.00	0.00	37	0.00	37	0.00	33	-903.84	41	8932.17	37	5.86	41
112	-97	-98	Min.	105.83	0.00	37	0.00	37	0.00	37	-5269.38	41	6080.17	37	5.86	41
112	-98	-99	Max	0.00	0.00	33	0.00	33	0.00	37	-5621.87	37	6882.23	41	15.49	37
112	-98	-99	Max	105.83	0.00	33	0.00	33	0.00	33	-9376.05	37	-1856.21	37	15.49	37
112	-98	-99	Min.	0.00	0.00	37	0.00	37	0.00	33	-6319.37	41	6080.19	37	5.86	41
112	-98	-99	Min.	105.83	0.00	37	0.00	37	0.00	37	-10684.90	41	-2115.87	41	5.86	41
112	-99	-15	Max	0.00	0.00	33	0.00	37	0.00	33	-10426.10	37	-1856.27	37	15.49	37
112	-99	-15	Max	68.83	0.00	33	0.00	37	0.00	37	-12867.80	37	-9873.24	37	15.49	37
112	-99	-15	Min.	0.00	0.00	37	0.00	33	0.00	37	-11734.90	41	-2115.94	41	5.86	41
112	-99	-15	Min.	68.83	0.00	37	0.00	33	0.00	33	-14574.30	41	-11170.70	41	5.86	41
114	404	-100	Max	20.00	0.00	37	0.00	33	0.00	37	12340.40	41	-8315.20	37	24.86	37
114	404	-100	Max	105.83	0.00	37	0.00	33	0.00	33	8799.85	41	-509.89	37	24.86	37
114	404	-100	Min.	20.00	0.00	33	0.00	37	0.00	33	10615.90	37	-9665.55	41	14.84	33
114	404	-100	Min.	105.83	0.00	33	0.00	37	0.00	37	7571.20	37	-592.86	41	14.84	33
114	-100	-101	Max	0.00	0.00	33	0.00	33	0.00	33	8799.85	41	-509.90	37	24.86	37
114	-100	-101	Max	122.83	0.00	33	0.00	33	0.00	33	3733.06	41	7104.43	41	24.86	37
114	-100	-101	Min.	0.00	0.00	33	0.00	37	0.00	33	7571.20	37	-592.87	41	14.84	33
114	-100	-101	Min.	122.83	0.00	33	0.00	37	0.00	37	3213.99	37	6114.01	37	14.84	33
114	-101	-102	Max	0.00	0.00	37	0.00	33	0.00	37	3733.05	41	7104.44	41	24.86	37
114	-101	-102	Max	90.50									8793.64	41		
114	-101	-102	Max	105.83	0.00	37	0.00	33	0.00	33	-540.19	37	8745.15	41	24.86	37
114	-101	-102	Min.	0.00	0.00	33	0.00	37	0.00	33	3213.98	37	6114.02	37		

114	-102	-103	Min.	105.83	0.00	33	0.00	37	0.00	37	-4998.03	41	4970.63	37	14.84	33
114	-103	-104	Max	0.00	0.00	33	0.00	33	0.00	37	-4294.34	37	5765.69	41	24.86	37
114	-103	-104	Max	105.83	0.00	33	0.00	33	0.00	33	-8048.51	37	-1560.78	37	24.86	37
114	-103	-104	Min.	0.00	0.00	37	0.00	37	0.00	33	-4998.02	41	4970.64	37	14.84	33
114	-103	-104	Min.	105.83	0.00	37	0.00	37	0.00	37	-9363.56	41	-1833.97	41	14.84	33
114	-104	-16	Max	0.00	0.00	37	0.00	37	0.00	33	-8048.54	37	-1560.84	37	24.86	37
114	-104	-16	Max	68.83	0.00	37	0.00	37	0.00	37	-10490.20	37	-7941.27	37	24.86	37
114	-104	-16	Min.	0.00	0.00	33	0.00	33	0.00	37	-9363.59	41	-1834.04	41	14.84	33
114	-104	-16	Min.	68.83	0.00	33	0.00	33	0.00	33	-12202.90	41	-9256.52	41	14.84	33
116	305	-105	Max	20.00	0.00	37	0.00	33	0.00	37	13007.10	41	-9432.89	37	30.88	37
116	305	-105	Max	105.83	0.00	37	0.00	33	0.00	33	9516.01	41	-1018.93	37	30.88	37
116	305	-105	Min.	20.00	0.00	33	0.00	37	0.00	33	11303.80	37	-10775.70	41	22.74	41
116	305	-105	Min.	105.83	0.00	33	0.00	37	0.00	37	8301.55	37	-1109.55	41	22.74	41
116	-105	-106	Max	0.00	0.00	33	0.00	33	0.00	33	9516.01	41	-1018.93	37	30.88	37
116	-105	-106	Max	122.83	0.00	33	0.00	33	0.00	33	4519.98	41	7510.89	41	30.88	37
116	-105	-106	Min.	0.00	0.00	37	0.00	33	0.00	33	8301.55	37	-1109.55	41	22.74	41
116	-105	-106	Min.	122.83	0.00	37	0.00	33	0.00	33	4005.15	37	6539.43	37	22.74	41
116	-106	-107	Max	0.00	0.00	33	0.00	33	0.00	33	4519.96	41	7510.90	41	30.88	37
116	-106	-107	Max	105.83	0.00	33	0.00	33	0.00	33	303.35	37	10016.70	41	30.88	37
116	-106	-107	Min.	0.00	0.00	37	0.00	37	0.00	33	4005.14	37	6539.45	37	22.74	41
116	-106	-107	Min.	105.83	0.00	37	0.00	37	0.00	37	215.38	41	8819.36	37	22.74	41
116	-107	-108	Max	0.00	0.00	33	0.00	33	0.00	37	-746.64	37	10016.70	41	30.88	37
116	-107	-108	Max	105.83	0.00	33	0.00	33	0.00	33	-4448.42	37	6855.55	41	30.88	37
116	-107	-108	Min.	0.00	0.00	37	0.00	37	0.00	33	-834.61	41	8819.35	37	22.74	41
116	-107	-108	Min.	105.83	0.00	37	0.00	37	0.00	37	-5139.19	41	6070.30	37	22.74	41
116	-108	-109	Max	0.00	0.00	37	0.00	33	0.00	37	-5498.41	37	6855.57	41	30.88	37
116	-108	-109	Max	105.83	0.00	37	0.00	33	0.00	33	-9200.20	37	-1707.70	37	30.88	37
116	-108	-109	Min.	0.00	0.00	33	0.00	37	0.00	33	-6189.18	41	6070.32	37	22.74	41
116	-108	-109	Min.	105.83	0.00	33	0.00	37	0.00	37	-10493.80	41	-1972.49	41	22.74	41
116	-109	-7	Max	0.00	0.00	33	0.00	37	0.00	33	-10250.20	37	-1707.76	37	30.88	37
116	-109	-7	Max	68.83	0.00	33	0.00	37	0.00	37	-12657.80	37	-9591.95	37	30.88	37
116	-109	-7	Min.	0.00	0.00	37	0.00	33	0.00	37	-11543.80	41	-1972.56	41	22.74	41
116	-109	-7	Min.	68.83	0.00	37	0.00	33	0.00	33	-14343.50	41	-10882.10	41	22.74	41
119	106	-110	Max	20.00	0.00	33	0.00	33	0.00	37	6964.59	41	-4599.60	37	-4.78	37
119	106	-110	Max	105.83	0.00	33	0.00	33	0.00	33	4915.47	41	-191.36	33	-4.78	37
119	106	-110	Min.	20.00	0.00	37	0.00	37	0.00	33	6004.98	37	-5306.31	41	-12.23	33
119	106	-110	Min.	105.83	0.00	37	0.00	37	0.00	37	4241.97	37	-207.78	41	-12.23	33
119	-110	-111	Max	0.00	0.00	33	0.00	33	0.00	33	4915.47	41	-191.36	33	-4.78	37
119	-110	-111	Max	122.83	0.00	33	0.00	33	0.00	33	1983.04	41	4029.05	41	-4.78	37
119	-110	-111	Min.	0.00	0.00	37	0.00	33	0.00	33	4241.97	37	-207.78	41	-12.23	33
119	-110	-111	Min.	122.83	0.00	37	0.00	33	0.00	33	1718.97	37	3459.05	37	-12.23	33
119	-111	-112	Max	0.00	0.00	37	0.00	33	0.00	37	1983.03	41	4029.06	41	-4.78	37
119	-111	-112	Max	83.06									4852.66	41		
119	-111	-112	Max	105.83	0.00	37	0.00	33	0.00	33	-454.86	37	4790.78	41	-4.78	37
119	-111	-112	Min.	0.00	0.00	33	0.00	37	0.00	33	1718.96	37	3459.06	37	-12.23	33
119	-111	-112	Min.	83.69									4178.34	37		
119	-111	-112	Min.	105.83	0.00	33	0.00	37	0.00	37	-543.55	41	4127.98	37	-12.23	33
119	-112	-113	Max	0.00	0.00	37	0.00	33	0.00	37	-454.85	37	4790.78	41	-4.78	37
119	-112	-113	Max	105.83	0.00	37	0.00	33	0.00	33	-2628.67	37	2878.54	41	-4.78	37
119	-112	-113	Min.	0.00	0.00	33	0.00	37	0.00	33	-543.55	41	4127.98	37	-12.23	33
119	-112	-113	Min.	105.83	0.00	33	0.00	37	0.00	37	-3070.13	41	2496.29	37	-12.23	33
119	-113	-114	Max	0.00	0.00	37	0.00	33	0.00	37	-2628.66	37	2878.55	41	-4.78	37
119	-113	-114	Max	105.83	0.00	37	0.00	33	0.00	33	-4802.48	37	-1436.01	37	-4.78	37
119	-113	-114	Min.	0.00	0.00	33	0.00	37	0.00	33	-3070.13	41	2496.30	37	-12.23	33
119	-113	-114	Min.	105.83	0.00	33	0.00	37	0.00	37	-5596.71	41	-1707.65	41	-12.23	33
119	-114	112	Max	0.00	0.00	37	0.00	37	0.00	33	-4802.49	37	-1436.04	37	-4.78	37
119	-114	112	Max	68.83	0.00	37	0.00	37	0.00	37	-6216.33	37	-5228.35	37	-4.78	37
119	-114	112	Min.	0.00	0.00	33	0.00	33	0.00	37	-5596.73	41	-1707.68	41	-12.23	33
119	-114	112	Min.	68.83	0.00	33	0.00	33	0.00	33	-7240.00	41	-6125.66	41	-12.23	33
207	107	113	Max	0.00	0.00	37	0.00	33	0.00	33	1052.26	41	-1073.01	37	96.10	41
207	107	113	Max	261.04									37.47	41		
207	107	113	Max	397.50	0.00	37	0.00	33	0.00	33	-427.07	37	-279.62	37	96.10	41
207	107	113	Min.	0.00	0.00	33	0.00	33	0.00	33	826.26	37	-1335.92	41	46.23	37
207	107	113	Min.	262.05									9.61	37		
207	107	113	Min.	397.50	0.00	33	0.00	33	0.00	33	-550.10	41	-337.88	41	46.23	37
207	113	119	Max	12.50	0.00	33	0.00	33	0.00	33	657.25	41	-192.76	37	40.27	41
207	113	119	Max	175.54									255.04	41		
207	113	119	Max	397.50	0.00	33	0.00	33	0.00	33	-712.77	37	-600.13	37	40.27	41
207	113	119	Min.	12.50	0.00	33	0.00	33	0.00	33	501.15	37	-280.77	41	27.68	37
207	113	119	Min.	171.44									205.51	37		
207	113	119	Min.	397.50	0.00	33	0.00	33	0.00	33	-894.72	41	-737.90	41	27.68	37
207	119	125	Max	12.50	0.00	37	0.00	33	0.00	33	1101.51	41	-723.11	37	19.58	41
207	119	125	Max	285.75									567.97	41		
207	119	125	Max	577.50	0.00	37	0.00	33	0.00	33	-923.42	37	-907.75	37	19.58	41
207	119	125	Min.	12.50	0.00	33	0.00	33	0.00	33	858.06	37	-936.98	41	17.63	37
207	119	125	Min.	284.64									444.43	37		
207	119	125	Min.	577.50	0.00	33	0.00	33	0.00	33	-1176.07	41	-1147.61	41	17.63	37
207	125	231	Max	12.50	0.00	41	0.00	33	0.00	33	1213.74	41	-877.71	37	-22.18	37
207	125	231	Max	313.59									668.88	41		
207	125	231	Max	577.50	0.00	41	0.00	33	0.00	33	-843.59	37	-611.34	37	-22.18	37
207	125	231	Min.	12.50	0.00	37	0.00	33	0.00	33	937.88	37	-1158.37	41	-53.54	41
207	125	231	Min.	309.95									517.16	37		
207	125	231	Min.	577.50	0.00	37	0.00	33	0.00	33	-1063.83	41	-734.88	41	-53.54	41
219	112	118	Max	0.00	0.00	33	0.00	33	0.00	33	1091.49	41	-1227.54	37	-111.47	37
219	112	118	Max	273.13									41.87	41		
219	112	118	Max	397.50	-0.00	37	0.00	33	0.00	33	-357.86	37	-177.35	37	-111.47	37
219	112	118	Min.	0.00	0.00	33	0.00	33	0.00	33	886.25	37	-1448.75	41	-134.82	41
219																

219	118	124	Max	180.08									252.76	41		
219	118	124	Max	397.50	0.00	37	0.00	33	0.00	33	-673.21	37	-523.95	37	-28.26	37
219	118	124	Min.	12.50	0.00	33	0.00	33	0.00	33	531.78	37	-308.36	41	-40.77	41
219	118	124	Min.	182.41									200.06	37		
219	118	124	Min.	397.50	0.00	33	0.00	33	0.00	33	-868.86	41	-691.77	41	-40.77	41
219	124	130	Max	12.50	0.00	33	0.00	33	0.00	33	1102.88	41	-772.26	37	-4.02	37
219	124	130	Max	288.48									561.13	41		
219	124	130	Max	577.50	0.00	33	0.00	33	0.00	33	-897.87	37	-849.62	37	-4.02	37
219	124	130	Min.	12.50	0.00	37	0.00	33	0.00	33	870.49	37	-960.74	41	-11.55	41
219	124	130	Min.	290.63									438.26	37		
219	124	130	Min.	577.50	0.00	37	0.00	33	0.00	33	-1154.97	41	-1107.91	41	-11.55	41
219	130	136	Max	12.50	0.00	37	0.00	33	0.00	33	1224.01	41	-964.33	37	78.38	41
219	130	136	Max	318.79									672.09	41		
219	130	136	Max	577.50	0.00	37	0.00	33	0.00	33	-801.76	37	-498.63	37	78.38	41
219	130	136	Min.	12.50	0.00	33	0.00	33	0.00	33	966.60	37	-1202.44	41	63.41	37
219	130	136	Min.	321.33									528.28	37		
219	130	136	Min.	577.50	0.00	33	0.00	33	0.00	33	-1033.84	41	-665.21	41	63.41	37
303	113	-131	Max	12.47	-2338.24	37	255.73	41	-317.19	37	1728.09	41	-688.68	37	-3.39	37
303	113	-131	Max	145.35	-2319.38	37	255.73	41	-18.60	37	1417.40	41	1137.61	41	-3.39	37
303	113	-131	Min.	12.47	-2942.65	41	224.69	37	-360.69	41	1233.60	37	-952.34	41	-11.82	41
303	113	-131	Min.	145.35	-2920.90	41	224.69	37	-20.87	41	964.33	37	771.69	37	-11.82	41
303	-131	-132	Max	0.00	-2248.64	37	49.19	41	-36.81	37	-2.30	37	1138.40	41	-4.67	37
303	-131	-132	Max	142.35	-2228.44	37	49.19	41	28.57	41	-290.73	37	878.66	41	-4.67	37
303	-131	-132	Min.	0.00	-2816.98	41	43.34	37	-41.46	41	-22.46	33	772.63	37	-13.26	41
303	-131	-132	Min.	142.35	-2793.67	41	43.34	37	24.88	37	-348.87	41	564.07	37	-13.26	41
303	-132	314	Max	0.00	-2158.75	37	150.34	41	6.44	41	-1247.89	37	879.72	41	-6.06	37
303	-132	314	Max	129.88	-2140.32	37	150.34	41	201.69	41	-1511.06	37	-1226.53	37	-6.06	37
303	-132	314	Min.	0.00	-2691.00	41	133.13	37	5.08	37	-1768.07	41	565.12	37	-14.81	41
303	-132	314	Min.	129.88	-2669.73	41	133.13	37	177.99	37	-2071.73	41	-1613.81	41	-14.81	41
303	314	-147	Max	12.47	-1984.72	37	130.99	41	-155.18	37	1197.89	41	-600.33	37	-3.65	37
303	314	-147	Max	175.93	-1961.52	37	130.99	41	35.61	41	815.71	41	600.24	41	-3.65	37
303	314	-147	Min.	12.47	-2598.90	41	113.90	37	-178.51	41	786.88	37	-1045.48	41	-9.63	41
303	314	-147	Min.	175.93	-2572.13	41	113.90	37	31.01	37	455.66	37	415.19	37	-9.63	41
303	-147	415	Max	0.00	-1877.78	37	85.91	41	12.90	41	-710.38	37	600.63	41	-5.02	37
303	-147	415	Max	162.46	-1854.73	37	85.91	41	152.47	41	-1039.57	37	-1005.69	37	-5.02	37
303	-147	415	Min.	0.00	-2448.29	41	75.50	37	11.45	37	-917.67	41	415.78	37	-11.22	41
303	-147	415	Min.	162.46	-2421.69	41	75.50	37	134.09	37	-1297.50	41	-1198.73	41	-11.22	41
303	415	-10	Max	12.47	-1891.40	37	240.47	41	-126.54	37	1639.61	41	-896.30	37	-121.05	37
303	415	-10	Max	221.04	-1861.81	37	240.47	41	339.24	41	1151.97	41	1599.94	41	-121.05	37
303	415	-10	Min.	12.47	-2582.70	41	192.08	37	-162.31	41	1209.91	37	-1311.26	41	-162.14	41
303	415	-10	Min.	221.04	-2548.55	41	192.08	37	274.08	37	787.28	37	1186.48	37	-162.14	41
303	-10	416	Max	0.00	-1861.67	37	-285.76	37	425.18	41	-972.98	37	1629.65	41	160.45	41
303	-10	416	Max	208.57	-1891.27	37	-285.76	37	-237.82	37	-1395.60	37	-1229.73	37	160.45	41
303	-10	416	Min.	0.00	-2542.61	41	-336.43	41	358.19	37	-1260.79	41	1240.35	37	120.73	37
303	-10	416	Min.	208.57	-2576.76	41	-336.43	41	-276.51	41	-1748.44	41	-1508.54	41	120.73	37
303	416	-149	Max	12.47	-1544.62	37	-27.80	37	79.86	41	1133.97	41	-587.27	37	14.47	41
303	416	-149	Max	174.93	-1567.67	37	-27.80	37	16.02	41	754.14	41	582.99	41	14.47	41
303	416	-149	Min.	12.47	-2224.86	41	-39.30	41	59.42	37	763.63	37	-950.69	41	9.71	37
303	416	-149	Min.	174.93	-2251.46	41	-39.30	41	14.26	37	434.45	37	385.92	37	9.71	37
303	-149	317	Max	0.00	-1651.73	37	-79.14	37	33.61	41	-731.57	37	583.30	41	13.24	41
303	-149	317	Max	163.46	-1674.93	37	-79.14	37	-100.87	37	-1062.79	37	-1080.08	37	13.24	41
303	-149	317	Min.	0.00	-2375.61	41	-98.70	41	28.49	37	-979.22	41	386.45	37	8.71	37
303	-149	317	Min.	163.46	-2402.37	41	-98.70	41	-127.73	41	-1361.40	41	-1329.69	41	8.71	37
303	317	-151	Max	12.47	-1473.22	37	-144.30	37	223.85	41	1991.93	41	-927.87	37	15.38	41
303	317	-151	Max	145.35	-1492.08	37	-144.30	37	4.85	41	1681.24	41	1007.63	41	15.38	41
303	317	-151	Min.	12.47	-2253.67	41	-164.80	41	196.15	37	1395.59	37	-1432.93	41	7.64	37
303	317	-151	Min.	145.35	-2275.43	41	-164.80	41	4.39	37	1126.33	37	747.76	37	7.64	37
303	-151	-152	Max	0.00	-1563.04	37	-64.34	37	26.60	41	247.81	41	1007.25	41	13.85	41
303	-151	-152	Max	105.99					-51.05	41			1138.58	41		
303	-151	-152	Max	142.35	-1583.24	37	-64.34	37	-68.01	37	-75.21	33	1123.13	41	13.85	41
303	-151	-152	Min.	0.00	-2379.70	41	-73.26	41	23.57	37	159.72	37	747.71	37	6.30	37
303	-151	-152	Min.	78.82					-27.14	37			810.65	37		
303	-151	-152	Min.	142.35	-2403.01	41	-73.26	41	-77.68	41	-128.72	37	769.77	37	6.30	37
303	-152	118	Max	0.00	-1652.18	37	-168.70	37	-49.89	37	-1085.93	37	1122.81	41	12.41	41
303	-152	118	Max	129.88	-1670.61	37	-168.70	37	-268.99	37	-1349.10	37	-811.64	37	12.41	41
303	-152	118	Min.	0.00	-2504.64	41	-192.14	41	-57.07	41	-1504.27	41	769.66	37	5.03	37
303	-152	118	Min.	129.88	-2525.91	41	-192.14	41	-306.62	41	-1807.93	41	-1028.11	41	5.03	37
304	119	-129	Max	12.47	-3194.03	37	197.06	41	-282.05	37	2039.90	41	-816.19	37	-1.31	37
304	119	-129	Max	145.35	-3175.17	37	197.06	41	-55.24	37	1729.21	41	1372.83	41	-1.31	37
304	119	-129	Min.	12.47	-4120.32	41	170.68	37	-323.72	41	1449.51	37	-1131.47	41	-7.04	41
304	119	-129	Min.	145.35	-4098.56	41	170.68	37	-61.85	41	1180.25	37	931.10	37	-7.04	41
304	-129	-130	Max	0.00	-3093.77	37	97.54	41	-76.21	37	-11.64	37	1372.77	41	-2.78	37
304	-129	-130	Max	142.35	-3073.56	37	97.54	41	53.07	41	-300.08	37	1087.50	41	-2.78	37
304	-129	-130	Min.	0.00	-3977.43	41	86.31	37	-85.78	41	-38.93	33	931.05	37	-8.72	41
304	-129	-130	Min.	142.35	-3954.12	41	86.31	37	46.65	37	-366.81	41	709.19	37	-8.72	41
304	-130	320	Max	0.00	-2992.98	37	136.27	41	26.91	41	-1480.39	37	1087.46	41	-4.38	37
304	-130	320	Max	129.88	-2974.55	37	136.27	41	203.89	41	-1743.56	37	-1384.46	37	-4.38	37
304	-130	320	Min.	0.00	-3834.23	41	118.66	37	23.75	37	-2112.60	41	709.14	37	-10.55	41
304	-130	320	Min.	129.88	-3812.96	41	118.66	37	177.86	37	-2416.26	41	-1853.54	41	-10.55	41
304	320	-137	Max	12.47	-2915.30	37	132.80	41	-158.32	37	1362.65	41	-723.38	37	-0.41	37
304	320	-137	Max	175.93	-2892.10	37	132.80	41	33.24	41	980.48	41	682.52	41	-0.41	37
304	320	-137	Min.	12.47	-3864.68	41	114.38	37	-183.83	41	894.11	37	-1232.53	41	-3.48	41
304	320	-137	Min.	175.93	-3837.91	41	114.38	37	28.64	37	562.89	37	467.43	37	-3.48	41
304	-137	421	Max	0.00	-2793.76	37	99.30	41	8.91	41	-872.11	37	682.52	41	-1.88	37
304	-137	421	Max	162.46	-2770.71	37	99.30	41	170.2							

304	421	-11	Min.	221.04	-4019.84	41	180.74	37	255.54	37	1153.88	37	1645.93	37	-90.41	41
304	-11	422	Max	0.00	-2958.52	37	-253.29	37	370.26	41	-1309.94	37	2217.61	41	89.77	41
304	-11	422	Max	208.57	-2988.12	37	-253.29	37	-213.97	37	-1732.57	37	-1524.79	37	89.77	41
304	-11	422	Min.	0.00	-4018.71	41	-295.89	41	314.31	37	-1743.84	41	1648.10	37	68.90	37
304	-11	422	Min.	208.57	-4052.86	41	-295.89	41	-246.88	41	-2231.48	41	-1928.06	41	68.90	37
304	422	-140	Max	12.47	-2455.30	37	-47.01	37	104.13	41	1361.12	41	-790.06	37	7.38	41
304	422	-140	Max	174.93	-2478.36	37	-47.01	37	7.04	41	981.29	41	666.75	41	7.38	41
304	422	-140	Min.	12.47	-3470.63	41	-59.76	41	82.31	37	921.73	37	-1235.97	41	5.03	37
304	422	-140	Min.	174.93	-3497.23	41	-59.76	41	5.93	37	592.54	37	439.96	37	5.03	37
304	-140	323	Max	0.00	-2577.18	37	-80.51	37	27.18	41	-842.43	37	666.74	41	5.97	41
304	-140	323	Max	163.46	-2600.38	37	-80.51	37	-109.01	37	-1173.64	37	-1207.78	37	5.97	41
304	-140	323	Min.	0.00	-3644.24	41	-99.66	41	22.59	37	-1147.56	41	439.95	37	3.87	37
304	-140	323	Min.	163.46	-3671.01	41	-99.66	41	-135.72	41	-1529.74	41	-1521.42	41	3.87	37
304	323	-145	Max	12.47	-2291.36	37	-131.06	37	220.75	41	2333.66	41	-1087.85	37	14.75	41
304	323	-145	Max	145.35	-2310.22	37	-131.06	37	20.98	41	2022.97	41	1221.73	41	14.75	41
304	323	-145	Min.	12.47	-3399.79	41	-150.33	41	193.12	37	1627.57	37	-1672.95	41	10.78	37
304	323	-145	Min.	145.35	-3421.55	41	-150.33	41	18.97	37	1358.30	37	896.04	37	10.78	37
304	-145	-146	Max	0.00	-2391.51	37	-92.16	37	47.25	41	259.76	41	1221.72	41	12.91	41
304	-145	-146	Max	111.10					-68.95	41			1366.03	41		
304	-145	-146	Max	142.35	-2411.71	37	-92.16	37	-89.35	37	-64.06	33	1354.62	41	12.91	41
304	-145	-146	Min.	0.00	-3542.53	41	-104.58	41	41.84	37	166.41	37	896.04	37	9.17	37
304	-145	-146	Min.	82.13					-33.85	37			964.37	37		
304	-145	-146	Min.	142.35	-3565.84	41	-104.58	41	-101.63	41	-122.03	37	927.63	37	9.17	37
304	-146	124	Max	0.00	-2492.50	37	-140.80	37	-69.70	37	-1302.32	37	1354.68	41	11.33	41
304	-146	124	Max	129.88	-2510.93	37	-140.80	37	-252.57	37	-1565.49	37	-934.65	37	11.33	41
304	-146	124	Min.	0.00	-3685.96	41	-163.67	41	-79.11	41	-1818.82	41	927.68	37	7.80	37
304	-146	124	Min.	129.88	-3707.23	41	-163.67	41	-291.69	41	-2122.48	41	-1204.77	41	7.80	37
305	125	-127	Max	12.47	-3817.79	37	164.61	41	-254.98	37	2341.52	41	-903.69	37	9.14	37
305	125	-127	Max	145.35	-3798.93	37	164.61	41	-65.80	37	2030.83	41	1591.36	41	9.14	37
305	125	-127	Min.	12.47	-4959.34	41	142.37	37	-291.95	41	1641.70	37	-1313.76	41	8.61	33
305	125	-127	Min.	145.35	-4937.58	41	142.37	37	-73.21	41	1372.44	37	1098.99	37	8.61	33
305	-127	-128	Max	0.00	-3700.14	37	102.53	41	-84.51	37	-44.24	37	1590.54	41	7.83	37
305	-127	-128	Max	142.35	-3679.94	37	102.53	41	51.44	41	-332.67	37	1266.00	41	7.83	37
305	-127	-128	Min.	0.00	-4791.57	41	91.55	37	-94.51	41	-65.41	33	1098.47	37	7.22	33
305	-127	-128	Min.	142.35	-4768.26	41	91.55	37	45.81	37	-394.39	41	830.21	37	7.22	33
305	-128	326	Max	0.00	-3582.13	37	108.45	41	27.73	41	-1735.69	37	1266.74	41	6.37	37
305	-128	326	Max	129.88	-3563.69	37	108.45	41	168.58	41	-1998.86	37	-1594.45	37	6.37	37
305	-128	326	Min.	0.00	-4623.73	41	95.95	37	24.92	37	-2466.26	41	830.73	37	5.68	33
305	-128	326	Min.	129.88	-4602.46	41	95.95	37	149.53	37	-2769.92	41	-2133.59	41	5.68	33
305	326	-136	Max	12.47	-3459.24	37	102.42	41	-120.44	37	1546.92	41	-847.24	37	2.45	37
305	326	-136	Max	175.93	-3436.04	37	102.42	41	31.23	41	1164.75	41	794.39	41	2.45	37
305	326	-136	Min.	12.47	-4614.55	41	90.26	37	-136.19	41	1013.47	37	-1421.86	41	-0.32	41
305	326	-136	Min.	175.93	-4587.78	41	90.26	37	27.11	37	682.26	37	538.69	37	-0.32	41
305	-136	427	Max	0.00	-3317.70	37	68.77	41	12.06	41	-1021.32	37	794.22	41	1.26	37
305	-136	427	Max	162.46	-3294.64	37	68.77	41	123.79	41	-1350.51	37	-1388.11	37	1.26	37
305	-136	427	Min.	0.00	-4412.29	41	63.73	37	10.15	37	-1359.20	41	538.51	37	-1.66	41
305	-136	427	Min.	162.46	-4385.69	41	63.73	37	113.69	37	-1739.03	41	-1722.45	41	-1.66	41
305	427	-12	Max	12.47	-3529.23	37	152.77	41	-66.04	37	2515.91	41	-1441.43	37	-52.38	37
305	427	-12	Max	221.04	-3499.64	37	152.77	41	237.67	41	2028.27	41	2668.33	41	-52.38	37
305	427	-12	Min.	12.47	-4816.62	41	127.56	37	-80.96	41	1852.74	37	-2070.58	41	-67.05	41
305	427	-12	Min.	221.04	-4782.47	41	127.56	37	200.01	37	1430.12	37	1982.11	37	-67.05	41
305	-12	428	Max	0.00	-3511.55	37	-190.96	37	288.84	41	-1595.15	37	2666.48	41	66.35	41
305	-12	428	Max	208.57	-3541.15	37	-190.96	37	-148.21	37	-2017.77	37	-1788.78	37	66.35	41
305	-12	428	Min.	0.00	-4789.96	41	-217.55	41	250.07	37	-2127.42	41	1978.97	37	52.53	37
305	-12	428	Min.	208.57	-4824.11	41	-217.55	41	-164.92	41	-2615.06	41	-2279.23	41	52.53	37
305	428	-139	Max	12.47	-2975.10	37	-28.54	37	63.60	41	1564.86	41	-936.48	37	4.56	41
305	428	-139	Max	174.93	-2998.15	37	-28.54	37	7.09	41	1185.03	41	781.32	41	4.56	41
305	428	-139	Min.	12.47	-4194.68	41	-34.79	41	51.90	37	1058.47	37	-1452.39	41	2.95	37
305	428	-139	Min.	174.93	-4221.28	41	-34.79	41	5.54	37	729.29	37	515.70	37	2.95	37
305	-139	329	Max	0.00	-3116.51	37	-57.59	37	22.54	41	-974.29	37	781.41	41	3.48	41
305	-139	329	Max	163.46	-3139.70	37	-57.59	37	-75.51	37	-1305.51	37	-1347.54	37	3.48	41
305	-139	329	Min.	0.00	-4396.80	41	-70.40	41	18.63	37	-1338.92	41	515.74	37	2.03	37
305	-139	329	Min.	163.46	-4423.57	41	-70.40	41	-92.53	41	-1721.09	41	-1719.54	41	2.03	37
305	329	-143	Max	12.47	-2847.89	37	-102.87	37	180.12	41	2658.42	41	-1240.38	37	-2.34	37
305	329	-143	Max	145.35	-2866.75	37	-102.87	37	23.91	41	2347.73	41	1407.81	41	-2.34	37
305	329	-143	Min.	12.47	-4173.85	41	-117.56	41	159.03	37	1838.34	37	-1918.43	41	-3.36	41
305	329	-143	Min.	145.35	-4195.60	41	-117.56	41	22.33	37	1569.07	37	1023.60	37	-3.36	41
305	-143	-144	Max	0.00	-2965.45	37	-92.71	37	47.28	41	255.32	41	1407.08	41	-3.77	37
305	-143	-144	Max	109.20					-66.68	41			1546.49	41		
305	-143	-144	Max	142.35	-2985.65	37	-92.71	37	-89.21	37	-69.05	33	1533.64	41	-3.77	37
305	-143	-144	Min.	0.00	-4341.51	41	-104.35	41	42.76	37	152.39	37	1023.08	37	-5.00	41
305	-143	-144	Min.	75.21					-26.97	37			1080.38	37		
305	-143	-144	Min.	142.35	-4364.82	41	-104.35	41	-101.26	41	-136.04	37	1034.71	37	-5.00	41
305	-144	130	Max	0.00	-3083.50	37	-128.53	37	-71.48	37	-1539.05	37	1534.50	41	-5.02	37
305	-144	130	Max	129.88	-3101.94	37	-128.53	37	-238.42	37	-1802.23	37	-1134.53	37	-5.02	37
305	-144	130	Min.	0.00	-4509.42	41	-148.26	41	-81.04	41	-2149.35	41	1035.27	37	-6.41	41
305	-144	130	Min.	129.88	-4530.69	41	-148.26	41	-273.60	41	-2453.01	41	-1454.24	41	-6.41	41
306	231	-125	Max	12.47	-2155.40	33	70.50	41	-174.36	37	1337.44	41	-355.02	37	103.69	41
306	231	-125	Max	145.35	-2136.54	33	70.50	41	-80.76	37	1026.75	41	928.09	41	103.69	41
306	231	-125	Min.	12.47	-2345.42	41	67.81	33	-185.65	41	923.20	37	-642.76	41	78.68	37
306	231	-125	Min.	145.35	-2323.66	41	67.81	33	-91.97	41	653.94	37	692.87	37	78.68	37
306	-125	-126	Max	0.00	-2072.25	33	100.66	41	-88.93	37	-19.66	41	928.71	41	103.05	41

306	332	-135	Max	175.93	-1625.73	37	27.50	37	2.38	37	467.85	41	459.01	41	105.79	41
306	332	-135	Min.	12.47	-1912.34	41	24.45	33	-42.58	37	487.06	37	-618.09	41	80.98	37
306	332	-135	Min.	175.93	-1885.58	41	24.45	33	-0.97	41	155.84	37	328.82	37	80.98	37
306	-135	433	Max	0.00	-1568.39	37	89.75	41	-3.80	37	-696.07	37	459.18	41	105.33	41
306	-135	433	Max	162.46	-1545.33	37	89.75	41	138.28	41	-1025.26	37	-1046.44	33	105.33	41
306	-135	433	Min.	0.00	-1799.71	41	74.88	37	-7.53	41	-794.26	41	329.00	37	80.55	37
306	-135	433	Min.	162.46	-1773.11	41	74.88	37	117.86	37	-1174.09	41	-1139.69	41	80.55	37
306	433	-13	Max	12.47	-1348.49	37	-70.19	37	88.90	41	1237.66	41	-543.11	37	354.10	41
306	433	-13	Max	221.04	-1318.89	37	-70.19	37	-82.21	37	750.02	41	1167.66	41	354.10	41
306	433	-13	Min.	12.47	-1781.01	41	-111.97	41	64.19	37	890.46	37	-905.20	41	252.99	37
306	433	-13	Min.	221.04	-1746.85	41	-111.97	41	-144.64	41	467.83	37	873.39	37	252.99	37
306	-13	434	Max	0.00	-1328.13	37	65.22	41	-55.36	37	-725.70	37	1169.98	41	-253.28	37
306	-13	434	Max	208.57	-1357.73	37	65.22	41	19.01	41	-1148.32	37	-1077.03	37	-253.28	37
306	-13	434	Min.	0.00	-1748.55	41	24.63	37	-117.03	41	-904.36	41	877.30	37	-356.40	41
306	-13	434	Min.	208.57	-1782.70	41	24.63	37	-3.98	37	-1392.00	41	-1224.78	41	-356.40	41
306	434	-138	Max	12.47	-781.37	37	-41.78	37	80.62	41	888.59	41	-326.80	37	-70.13	37
306	434	-138	Max	174.93	-804.43	37	-41.78	37	-9.47	37	508.76	41	439.56	41	-70.13	37
306	434	-138	Min.	12.47	-1309.95	41	-58.02	41	58.42	37	547.75	37	-695.50	41	-97.53	41
306	434	-138	Min.	174.93	-1336.55	41	-58.02	41	-13.63	41	218.56	37	295.67	37	-97.53	41
306	-138	335	Max	0.00	-862.42	37	3.06	33	-5.21	37	-633.31	37	439.48	41	-70.43	37
306	-138	335	Max	163.46	-885.62	37	3.06	33	-2.99	33	-964.53	37	-1010.27	37	-70.43	37
306	-138	335	Min.	0.00	-1423.04	41	0.49	37	-8.89	41	-753.30	41	295.64	37	-97.86	41
306	-138	335	Min.	163.46	-1449.80	41	0.49	37	-4.98	41	-1135.48	41	-1104.22	41	-97.86	41
306	335	-141	Max	12.47	-354.52	37	-53.21	37	109.38	41	1507.40	41	-518.11	37	-71.56	37
306	335	-141	Max	145.35	-373.38	37	-53.21	37	29.17	41	1196.71	41	819.46	41	-71.56	37
306	335	-141	Min.	12.47	-1102.96	41	-60.36	41	98.63	37	1011.41	37	-977.23	41	-99.41	41
306	335	-141	Min.	145.35	-1124.72	41	-60.36	41	27.81	33	742.14	37	647.00	37	-99.41	41
306	-141	-142	Max	0.00	-419.84	37	-90.20	37	39.10	41	150.28	41	820.03	41	-72.18	37
306	-141	-142	Max	64.27					-26.04	41			868.33	41		
306	-141	-142	Max	142.35	-440.04	37	-90.20	37	-91.65	37	-168.05	33	797.08	41	-72.18	37
306	-141	-142	Min.	0.00	-1194.42	41	-101.34	41	36.75	37	33.60	37	647.44	37	-100.11	41
306	-141	-142	Min.	16.58					21.79	37			650.22	37		
306	-141	-142	Min.	142.35	-1217.73	41	-101.34	41	-105.16	41	-254.84	37	489.98	37	-100.11	41
306	-142	136	Max	0.00	-486.43	37	-53.08	33	-83.98	37	-956.52	37	796.41	41	-72.72	37
306	-142	136	Max	129.88	-504.86	37	-53.08	33	-155.13	37	-1219.69	37	-910.48	33	-72.72	37
306	-142	136	Min.	0.00	-1287.18	41	-54.79	37	-96.56	41	-1218.67	41	489.55	37	-100.71	41
306	-142	136	Min.	129.88	-1308.45	41	-54.79	37	-167.69	41	-1522.33	41	-983.57	41	-100.71	41
308	-133	-131	Max	0.00	337.96	41	-2.37	37	2.78	41	718.61	41	0.00	33	-0.53	33
308	-133	-131	Max	205.00					-2.63	41			736.57	41		
308	-133	-131	Max	410.00	337.96	41	-2.37	37	-7.18	37	-484.60	37	0.00	33	-0.53	33
308	-133	-131	Min.	0.00	297.18	37	-2.64	41	2.55	37	484.60	37	0.00	33	-0.76	37
308	-133	-131	Min.	205.00					-2.31	37			496.72	37		
308	-133	-131	Min.	410.00	297.18	37	-2.64	41	-8.03	41	-718.61	41	0.00	41	-0.76	37
308	-131	-129	Max	0.00	131.43	41	-5.40	37	12.61	41	718.61	41	0.00	33	0.26	41
308	-131	-129	Max	205.00					-0.01	41			736.57	41		
308	-131	-129	Max	410.00	131.43	41	-5.40	37	-11.07	37	-484.60	37	0.00	33	0.26	41
308	-131	-129	Min.	0.00	115.83	37	-6.15	41	11.07	37	484.60	37	0.00	33	0.18	37
308	-131	-129	Min.	205.00					0.00	37			496.72	37		
308	-131	-129	Min.	410.00	115.83	37	-6.15	41	-12.62	41	-718.61	41	0.00	37	0.18	37
308	-129	-127	Max	0.00	31.91	41	-3.34	37	11.36	41	1048.75	41	0.00	33	0.19	41
308	-129	-127	Max	295.00					0.12	41			1546.91	41		
308	-129	-127	Max	590.00	31.91	41	-3.34	37	-9.75	37	-710.06	37	0.00	37	0.19	41
308	-129	-127	Min.	0.00	30.63	33	-3.81	41	9.94	37	710.06	37	0.00	33	0.13	37
308	-129	-127	Min.	295.00					0.10	37			1047.33	37		
308	-129	-127	Min.	590.00	30.63	33	-3.81	41	-11.12	41	-1048.75	41	-0.00	41	0.13	37
308	-127	-125	Max	0.00	-19.36	37	-2.91	37	10.23	41	1048.75	41	0.00	33	-0.39	37
308	-127	-125	Max	295.00					0.55	41			1546.91	41		
308	-127	-125	Max	590.00	-19.36	37	-2.91	37	-8.19	37	-710.06	37	0.00	41	-0.39	37
308	-127	-125	Min.	0.00	-30.17	41	-3.28	41	9.01	37	710.06	37	0.00	33	-0.63	41
308	-127	-125	Min.	295.00					0.41	37			1047.33	37		
308	-127	-125	Min.	590.00	-30.17	41	-3.28	41	-9.13	41	-1048.75	41	0.00	37	-0.63	41
309	-134	-132	Max	0.00	-80.82	37	-3.12	33	4.91	41	711.45	41	0.00	33	-1.12	33
309	-134	-132	Max	205.00					-1.93	41			729.24	41		
309	-134	-132	Max	410.00	-80.82	37	-3.12	33	-8.10	37	-479.85	37	0.00	41	-1.12	33
309	-134	-132	Min.	0.00	-93.99	41	-3.34	41	4.60	33	479.85	37	0.00	33	-1.20	41
309	-134	-132	Min.	205.00					-1.68	37			491.84	37		
309	-134	-132	Min.	410.00	-93.99	41	-3.34	41	-8.77	41	-711.45	41	0.00	37	-1.20	41
309	-132	-130	Max	0.00	8.97	37	-5.78	37	13.42	41	711.45	41	0.00	33	-0.09	37
309	-132	-130	Max	205.00					-0.12	41			729.24	41		
309	-132	-130	Max	410.00	8.97	37	-5.78	37	-11.95	37	-479.85	37	0.00	41	-0.09	37
309	-132	-130	Min.	0.00	7.14	33	-6.60	41	11.75	37	479.85	37	0.00	33	-0.15	41
309	-132	-130	Min.	205.00					-0.10	37			491.84	37		
309	-132	-130	Min.	410.00	7.14	33	-6.60	41	-13.66	41	-711.45	41	0.00	37	-0.15	41
309	-130	-128	Max	0.00	45.88	41	-3.71	37	12.57	41	1038.45	41	0.00	33	-0.14	37
309	-130	-128	Max	295.00					0.09	41			1531.71	41		
309	-130	-128	Max	590.00	45.88	41	-3.71	37	-10.88	37	-703.21	37	0.00	37	-0.14	37
309	-130	-128	Min.	0.00	41.33	37	-4.23	41	11.00	37	703.21	37	0.00	33	-0.18	41
309	-130	-128	Min.	295.00					0.06	37			1037.24	37		
309	-130	-128	Min.	590.00	41.33	37	-4.23	41	-12.40	41	-1038.45	41	0.00	33	-0.18	41
309	-128	-126	Max	0.00	51.80	41	-3.26	37	11.37	41	1038.45	41	0.00	33	0.56	41
309	-128	-126	Max	295.00					0.57	41			1531.71	41		
309	-128	-126	Max	590.00	51.80	41	-3.26	37	-9.20	37	-703.21	37	0.00	41	0.56	41
309	-128	-126	Min.	0.00	45.72	37	-3.66	41	10.06	37	703.21	37	0.00	33	0.38	37
309	-128	-126	Min.	295.00					0.43	37			1037.24	37		
309	-128	-126	Min.	590.00	45.72	37	-3.66	41	-10.22	41	-1038.45	41	0.00	37	0.38	37
310	308	314	Max	0.00	177.52	41	-47.47	37	63.30	41	1200.15	41	0.00	37	-43.59	33
310	308	314	Max	198.75					-41.03	41			1192.65	41		
310	308	314	Max	397.50	177.52	41	-47.47	37	-130.00	37	-891.91	37	0.00			

310	308	314	Min.	397.50	163.79	37	-52.49	41	-145.36	41	-1200.15	41	0.00	41	-47.47	41
310	314	320	Max	12.50	10.02	37	-97.88	37	219.10	41	1042.19	41	-396.05	37	-10.44	37
310	314	320	Max	185.09					22.86	41			383.81	41		
310	314	320	Max	397.50	10.02	37	-97.88	37	-188.37	37	-947.05	37	-716.30	37	-10.44	37
310	314	320	Min.	12.50	-15.56	41	-113.70	41	188.47	37	780.68	37	-515.55	41	-15.15	41
310	314	320	Min.	186.46					18.19	37			283.00	37		
310	314	320	Min.	397.50	-15.56	41	-113.70	41	-218.65	41	-1282.62	41	-978.39	41	-15.15	41
310	320	326	Max	12.50	-140.87	37	-47.03	37	151.61	41	1676.32	41	-1098.73	37	-5.24	37
310	320	326	Max	290.11					1.01	41			856.24	41		
310	320	326	Max	577.50	-140.87	37	-47.03	37	-134.38	37	-1287.96	37	-1212.91	37	-5.24	37
310	320	326	Min.	12.50	-207.19	41	-54.25	41	131.34	37	1247.54	37	-1470.55	41	-7.44	41
310	320	326	Min.	290.50					0.60	37			635.33	37		
310	320	326	Min.	577.50	-207.19	41	-54.25	41	-154.89	41	-1735.42	41	-1637.51	41	-7.44	41
310	326	332	Max	12.50	-240.63	37	-40.53	37	133.12	41	1899.03	41	-1445.97	37	32.87	41
310	326	332	Max	326.99					-6.53	41			1066.47	41		
310	326	332	Max	577.50	-240.63	37	-40.53	37	-109.51	37	-1117.45	37	-596.79	37	32.87	41
310	326	332	Min.	12.50	-328.39	41	-44.41	41	119.48	37	1418.05	37	-1919.66	41	28.62	37
310	326	332	Min.	328.49					-8.59	37			794.49	37		
310	326	332	Min.	577.50	-328.39	41	-44.41	41	-117.77	41	-1512.71	41	-828.28	41	28.62	37
311	-148	-147	Max	0.00	47.50	41	-3.36	37	6.10	41	868.90	41	0.00	33	-0.38	33
311	-148	-147	Max	205.00					-1.87	41			890.62	41		
311	-148	-147	Max	410.00	47.50	41	-3.36	37	-8.50	37	-584.52	37	0.00	37	-0.38	33
311	-148	-147	Min.	0.00	44.61	33	-3.89	41	5.29	37	584.52	37	0.00	33	-0.58	37
311	-148	-147	Min.	205.00					-1.60	37			599.13	37		
311	-148	-147	Min.	410.00	44.61	33	-3.89	41	-9.83	41	-868.90	41	0.00	33	-0.58	37
311	-147	-137	Max	0.00	6.22	37	-5.44	37	12.93	41	868.90	41	0.00	33	0.00	41
311	-147	-137	Max	205.00					-0.04	41			890.62	41		
311	-147	-137	Max	410.00	6.22	37	-5.44	37	-11.17	37	-584.52	37	0.00	41	0.00	41
311	-147	-137	Min.	0.00	2.42	41	-6.33	41	11.11	37	584.52	37	0.00	33	0.00	37
311	-147	-137	Min.	205.00					-0.03	37			599.13	37		
311	-147	-137	Min.	410.00	2.42	41	-6.33	41	-13.00	41	-868.90	41	0.00	33	0.00	37
311	-137	-136	Max	0.00	-20.85	37	-3.28	37	11.38	41	1265.02	41	0.00	33	0.01	41
311	-137	-136	Max	295.00					0.22	41			1865.91	41		
311	-137	-136	Max	590.00	-20.85	37	-3.28	37	-9.51	37	-853.84	37	0.00	37	0.01	41
311	-137	-136	Min.	0.00	-31.08	41	-3.78	41	9.85	37	853.84	37	0.00	33	0.00	37
311	-137	-136	Min.	295.00					0.17	37			1259.42	37		
311	-137	-136	Min.	590.00	-31.08	41	-3.78	41	-10.94	41	-1265.02	41	0.00	41	0.00	37
311	-136	-135	Max	0.00	-47.38	37	-2.32	37	8.28	41	1265.02	41	0.00	33	-0.15	33
311	-136	-135	Max	295.00					0.86	41			1865.91	41		
311	-136	-135	Max	590.00	-47.38	37	-2.32	37	-6.17	33	-853.84	37	0.00	41	-0.15	33
311	-136	-135	Min.	0.00	-64.72	41	-2.52	41	7.48	37	853.84	37	0.00	33	-0.18	37
311	-136	-135	Min.	295.00					0.65	37			1259.42	37		
311	-136	-135	Min.	590.00	-64.72	41	-2.52	41	-6.57	41	-1265.02	41	0.00	37	-0.18	37
312	409	415	Max	0.00	178.33	37	-27.73	37	21.17	41	1379.39	41	0.00	37	55.86	41
312	409	415	Max	198.75					-50.69	41			1370.77	41		
312	409	415	Max	397.50	178.33	37	-27.73	37	-98.64	37	-1011.08	37	0.00	37	55.86	41
312	409	415	Min.	0.00	155.65	41	-36.16	41	11.60	37	1011.08	37	0.00	41	31.45	37
312	409	415	Min.	198.75					-43.52	37			1004.76	37		
312	409	415	Min.	397.50	155.65	41	-36.16	41	-122.56	41	-1379.39	41	0.00	41	31.45	37
312	415	421	Max	12.50	96.81	37	-85.74	37	200.84	41	1198.29	41	-461.09	37	31.27	41
312	415	421	Max	185.16					22.58	41			450.24	41		
312	415	421	Max	397.50	96.81	37	-85.74	37	-163.37	37	-1064.62	37	-789.62	37	31.27	41
312	415	421	Min.	12.50	62.12	41	-103.24	41	166.72	37	893.95	37	-584.22	41	23.33	37
312	415	421	Min.	188.23					16.05	37			324.36	37		
312	415	421	Min.	397.50	62.12	41	-103.24	41	-196.65	41	-1473.74	41	-1114.47	41	23.33	37
312	421	427	Max	12.50	-13.70	37	-38.78	37	130.13	41	1928.14	41	-1260.28	37	12.70	41
312	421	427	Max	290.32					1.11	41			981.21	41		
312	421	427	Max	577.50	-13.70	37	-38.78	37	-110.43	37	-1455.21	37	-1362.43	37	12.70	41
312	421	427	Min.	12.50	-66.67	41	-46.44	41	108.70	37	1419.05	37	-1697.13	41	10.33	37
312	421	427	Min.	291.45					0.51	37			718.92	37		
312	421	427	Min.	577.50	-66.67	41	-46.44	41	-132.25	41	-1993.15	41	-1880.80	41	10.33	37
312	427	433	Max	12.50	-102.82	37	-16.34	33	72.18	41	2229.35	41	-1697.44	37	-27.27	37
312	427	433	Max	333.71					15.96	41			1300.79	41		
312	427	433	Max	577.50	-102.82	37	-16.34	33	-25.63	33	-1229.89	37	-526.54	37	-27.27	37
312	427	433	Min.	12.50	-164.88	41	-18.20	37	66.71	33	1644.37	37	-2279.71	41	-40.19	41
312	427	433	Min.	335.74					8.90	37			960.17	37		
312	427	433	Min.	577.50	-164.88	41	-18.20	37	-35.09	37	-1691.95	41	-761.56	41	-40.19	41
313	-9	-10	Max	0.00	1288.19	41	29.79	33	-66.91	37	1532.51	41	0.00	33	-31.36	41
313	-9	-10	Max	205.00					-7.34	41			1570.82	41		
313	-9	-10	Max	410.00	1288.19	41	29.79	33	53.68	33	-1115.83	37	-0.00	37	-31.36	41
313	-9	-10	Min.	0.00	1135.55	37	29.06	37	-68.46	33	1115.83	37	0.00	33	-56.81	37
313	-9	-10	Min.	205.00					-7.34	37			1143.73	37		
313	-9	-10	Min.	410.00	1135.55	37	29.06	37	52.23	37	-1532.51	41	-0.00	41	-56.81	37
313	-10	-11	Max	0.00	711.29	41	16.21	41	-31.69	37	1230.06	41	-285.36	37	-1.65	33
313	-10	-11	Max	164.54					-5.54	41			636.77	41		
313	-10	-11	Max	410.00	711.29	41	16.21	41	34.26	41	-1331.39	37	-1169.16	37	-1.65	33
313	-10	-11	Min.	0.00	657.72	37	15.95	37	-32.21	41	900.27	37	-375.21	41	-2.94	37
313	-10	-11	Min.	165.40					-5.31	37			459.15	37		
313	-10	-11	Min.	410.00	657.72	37	15.95	37	33.71	37	-1834.96	41	-1615.26	41	-2.94	37
313	-11	-41	Max	0.00	223.69	37	8.54	41	-24.90	37	2112.40	41	-1346.28	37	-0.47	41
313	-11	-41	Max	176.67	223.69	37	8.54	41	-10.00	37	791.70	41	722.73	41	-0.47	41
313	-11	-41	Min.	0.00	186.75	33	8.43	37	-25.23	41	1539.57	37	-1842.57	41	-0.77	37
313	-11	-41	Min.	176.67	186.75	33	8.43	37	-10.14	41	577.96	37	524.21	37	-0.77	37
313	-41	-42	Max	0.00	223.69	37	8.54	41	-10.00	37	791.68	41	722.75	41	-0.47	41
313	-41	-42	Max	105.90					-1.09	41			1141.95	41		
313	-41	-42	Max	191.67	223.69	37	8.54	41	6.23	41	-465.31	37	867.01	41	-0.47	41
313	-41	-42	Min.	0.00	186.75	33	8.43	37	-10.14	41	577.94	37	524.23	37	-0.77	37
313	-41	-42	Min.	106.18					-1.05	37			831.06	37		
313	-41	-42	Min.	191.67	186.75	33	8.43	37	6.16	37	-641.15	41	632.16	37	-0.77	37
313	-42	-12	Max	0.00	223.69	37	8.54	41	6.23	41	-465.28	37	867.05	41	-0.47	41

313	-42	-12	Max	221.67	223.69	37	8.54	41	25.16	41	-1671.83	37	-1736.43	37	-0.47	41
313	-42	-12	Min.	0.00	186.75	33	8.43	37	6.16	37	-641.10	41	632.20	37	-0.77	37
313	-42	-12	Min.	221.67	186.75	33	8.43	37	24.86	37	-2298.20	41	-2390.68	41	-0.77	37
313	-12	-43	Max	0.00	-94.82	37	9.09	41	-25.07	37	2516.09	41	-1872.58	37	-2.32	41
313	-12	-43	Max	161.67	-94.82	37	9.09	41	-10.86	37	1307.53	41	530.14	41	-2.32	41
313	-12	-43	Min.	0.00	-177.20	41	8.79	37	-25.93	41	1835.87	37	-2560.61	41	-3.91	37
313	-12	-43	Min.	161.67	-177.20	41	8.79	37	-11.24	41	955.90	37	384.10	37	-3.91	37
313	-43	-44	Max	0.00	-94.82	37	9.09	41	-10.85	37	1307.50	41	530.18	41	-2.32	41
313	-43	-44	Max	174.90					4.66	41			1673.60	41		
313	-43	-44	Max	191.67	-94.82	37	9.09	41	6.19	41	-87.37	37	1663.10	41	-2.32	41
313	-43	-44	Min.	0.00	-177.20	41	8.79	37	-11.24	41	955.88	37	384.13	37	-3.91	37
313	-43	-44	Min.	175.61					4.59	37			1223.47	37		
313	-43	-44	Min.	191.67	-177.20	41	8.79	37	6.00	37	-125.33	41	1216.45	37	-3.91	37
313	-44	-13	Max	0.00	-94.82	37	9.09	41	6.19	41	-87.34	37	1663.11	41	-2.32	41
313	-44	-13	Max	236.67	-94.82	37	9.09	41	27.70	41	-1375.53	37	-514.60	37	-2.32	41
313	-44	-13	Min.	0.00	-177.20	41	8.79	37	6.00	37	-125.28	41	1216.46	37	-3.91	37
313	-44	-13	Min.	236.67	-177.20	41	8.79	37	26.80	37	-1894.51	41	-726.98	41	-3.91	37
314	410	416	Max	0.00	-278.31	37	52.88	41	-45.31	37	1379.39	41	0.00	37	-63.21	33
314	410	416	Max	198.75					46.48	41			1370.77	41		
314	410	416	Max	397.50	-278.31	37	52.88	41	151.59	41	-1011.08	37	0.00	41	-63.21	33
314	410	416	Min.	0.00	-313.38	41	42.78	37	-58.62	41	1011.08	37	0.00	41	-69.16	41
314	410	416	Min.	198.75					39.71	37			1004.76	37		
314	410	416	Min.	397.50	-313.38	41	42.78	37	124.73	37	-1379.39	41	0.00	33	-69.16	41
314	416	422	Max	12.50	-212.56	37	112.22	41	-183.57	37	1192.90	41	-454.63	37	-22.07	37
314	416	422	Max	184.38					-24.65	41			452.06	41		
314	416	422	Max	397.50	-212.56	37	112.22	41	214.53	41	-1067.84	37	-795.56	37	-22.07	37
314	416	422	Min.	12.50	-256.14	41	94.73	37	-217.54	41	890.73	37	-573.11	41	-30.21	41
314	416	422	Min.	187.59					-17.70	37			325.18	37		
314	416	422	Min.	397.50	-256.14	41	94.73	37	181.15	37	-1479.13	41	-1124.11	41	-30.21	41
314	422	428	Max	12.50	-204.75	37	51.29	41	-122.01	37	1926.28	41	-1257.83	37	-8.24	37
314	422	428	Max	290.05					-1.21	41			981.29	41		
314	422	428	Max	577.50	-204.75	37	51.29	41	146.23	41	-1456.07	37	-1364.85	37	-8.24	37
314	422	428	Min.	12.50	-263.47	41	43.60	37	-143.57	41	1418.19	37	-1691.89	41	-11.46	41
314	422	428	Min.	291.28					-0.45	37			718.97	37		
314	422	428	Min.	577.50	-263.47	41	43.60	37	124.36	37	-1995.01	41	-1886.06	41	-11.46	41
314	428	434	Max	12.50	-190.41	37	22.48	37	-79.63	37	2226.28	41	-1693.55	37	48.86	41
314	428	434	Max	333.27					-14.02	41			1298.61	41		
314	428	434	Max	577.50	-190.41	37	22.48	37	47.39	37	-1231.39	37	-531.13	37	48.86	41
314	428	434	Min.	12.50	-255.27	41	21.04	33	-85.26	41	1642.87	37	-2272.04	41	41.82	37
314	428	434	Min.	335.44					-7.03	37			959.21	37		
314	428	434	Min.	577.50	-255.27	41	21.04	33	39.12	33	-1695.01	41	-771.22	41	41.82	37
315	-150	-149	Max	0.00	74.50	41	2.47	41	-2.20	37	868.90	41	0.00	33	-0.32	41
315	-150	-149	Max	205.00					1.96	41			890.62	41		
315	-150	-149	Max	410.00	74.50	41	2.47	41	7.02	41	-584.52	37	0.00	41	-0.32	41
315	-150	-149	Min.	0.00	70.39	33	1.89	37	-3.10	41	584.52	37	0.00	33	-0.54	37
315	-150	-149	Min.	205.00					1.68	37			599.13	37		
315	-150	-149	Min.	410.00	70.39	33	1.89	37	5.56	37	-868.90	41	0.00	33	-0.54	37
315	-149	-140	Max	0.00	20.27	37	5.21	41	-8.71	37	868.90	41	0.00	33	-0.00	37
315	-149	-140	Max	205.00					0.07	41			890.62	41		
315	-149	-140	Max	410.00	20.27	37	5.21	41	10.75	41	-584.52	37	0.00	41	-0.00	37
315	-149	-140	Min.	0.00	15.10	41	4.28	37	-10.61	41	584.52	37	0.00	33	-0.01	41
315	-149	-140	Min.	205.00					0.07	37			599.13	37		
315	-149	-140	Min.	410.00	15.10	41	4.28	37	8.85	37	-868.90	41	0.00	37	-0.01	41
315	-140	-139	Max	0.00	-13.23	37	3.13	41	-7.85	37	1265.02	41	0.00	33	-0.01	33
315	-140	-139	Max	295.00					-0.19	41			1865.91	41		
315	-140	-139	Max	590.00	-13.23	37	3.13	41	9.05	41	-853.84	37	0.00	37	-0.01	33
315	-140	-139	Min.	0.00	-24.80	41	2.61	37	-9.44	41	853.84	37	0.00	33	-0.01	41
315	-140	-139	Min.	295.00					-0.14	37			1259.42	37		
315	-140	-139	Min.	590.00	-24.80	41	2.61	37	7.57	37	-1265.02	41	0.00	41	-0.01	41
315	-139	-138	Max	0.00	-42.28	37	1.89	41	-5.55	37	1265.02	41	0.00	33	0.08	41
315	-139	-138	Max	295.00					-0.84	41			1865.91	41		
315	-139	-138	Max	590.00	-42.28	37	1.89	41	4.75	41	-853.84	37	0.01	41	0.08	41
315	-139	-138	Min.	0.00	-60.41	41	1.66	37	-6.43	41	853.84	37	0.00	33	0.03	37
315	-139	-138	Min.	295.00					-0.64	37			1259.42	37		
315	-139	-138	Min.	590.00	-60.41	41	1.66	37	4.27	37	-1265.02	41	0.00	37	0.03	37
316	311	317	Max	0.00	404.58	37	51.89	41	-59.05	37	1207.09	41	0.00	37	27.92	41
316	311	317	Max	198.75					32.24	41			1199.54	41		
316	311	317	Max	397.50	404.58	37	51.89	41	135.38	41	-896.53	37	0.00	33	27.92	41
316	311	317	Min.	0.00	380.02	33	43.69	37	-70.90	41	896.53	37	0.00	41	6.94	37
316	311	317	Min.	198.75					27.79	37			890.92	37		
316	311	317	Min.	397.50	380.02	33	43.69	37	114.62	37	-1207.09	41	0.00	41	6.94	37
316	317	323	Max	12.50	188.53	37	106.12	41	-174.43	37	1054.25	41	-425.08	37	15.36	41
316	317	323	Max	186.09					-20.68	41			384.20	41		
316	317	323	Max	397.50	188.53	37	106.12	41	203.68	41	-938.84	37	-696.53	37	15.36	41
316	317	323	Min.	12.50	139.85	41	90.30	37	-204.89	41	797.83	37	-530.81	41	10.67	37
316	317	323	Min.	189.37					-14.72	37			280.47	37		
316	317	323	Min.	397.50	139.85	41	90.30	37	173.22	37	-1284.00	41	-973.09	41	10.67	37
316	323	329	Max	12.50	-26.87	37	50.01	41	-119.49	37	1688.63	41	-1119.51	37	7.58	41
316	323	329	Max	290.54					-0.97	41			861.39	41		
316	323	329	Max	577.50	-26.87	37	50.01	41	142.55	41	-1289.02	37	-1202.63	37	7.58	41
316	323	329	Min.	12.50	-108.65	41	42.71	37	-140.03	41	1259.60	37	-1486.13	41	5.56	37
316	323	329	Min.	291.74					-0.24	37			639.13	37		
316	323	329	Min.	577.50	-108.65	41	42.71	37	121.80	37	-1742.84	41	-1639.26	41	5.56	37
316	329	335	Max	12.50	-182.31	37	38.77	41	-103.58	37	1912.62	41	-1467.45	37	-9.66	37
316	329	335	Max	327.42					4.14	41			1075.32	41		
316	329	335	Max	577.50	-182.31	37	38.77	41	101.09	41	-1116.84	37	-577.77	37	-9.66	37
316	329	335	Min.	12.50	-279.19	41	34.60	37	-117.94	41	1431.77	37	-1936.26	41	-21.40	41
316	329	335	Min.	329.91					6.24	37			804.83	37		
316	329	335	Min.	577.50	-279.19	41	34.60	37	91.91	37	-1518.85	41	-823.86	41	-21.40	41
317	-153	-151	Max	0.00	-92.03	37	2.84	41								

317	-153	-151	Max	205.00					2.28	41			736.57	41		
317	-153	-151	Max	410.00	-92.03	37	2.84	41	8.11	41	-484.60	37	0.00	41	0.52	41
317	-153	-151	Min.	0.00	-109.52	41	2.59	37	-3.55	41	484.60	37	0.00	33	0.15	37
317	-153	-151	Min.	205.00					1.98	37			496.72	37		
317	-153	-151	Min.	410.00	-109.52	41	2.59	37	7.29	37	-718.61	41	0.00	37	0.15	37
317	-151	-145	Max	0.00	-12.06	37	6.71	41	-11.94	37	718.61	41	0.00	33	0.14	41
317	-151	-145	Max	205.00					0.05	41			736.57	41		
317	-151	-145	Max	410.00	-12.06	37	6.71	41	13.80	41	-484.60	37	0.00	41	0.14	41
317	-151	-145	Min.	0.00	-17.98	41	5.84	37	-13.70	41	484.60	37	0.00	33	0.09	37
317	-151	-145	Min.	205.00					0.04	37			496.72	37		
317	-151	-145	Min.	410.00	-17.98	41	5.84	37	12.02	37	-718.61	41	0.00	37	0.09	37
317	-145	-143	Max	0.00	27.77	41	4.21	41	-10.91	37	1048.75	41	0.00	33	0.15	41
317	-145	-143	Max	295.00					-0.12	41			1546.91	41		
317	-145	-143	Max	590.00	27.77	41	4.21	41	12.29	41	-710.06	37	0.00	37	0.15	41
317	-145	-143	Min.	0.00	25.95	33	3.67	37	-12.53	41	710.06	37	0.00	33	0.09	37
317	-145	-143	Min.	295.00					-0.10	37			1047.33	37		
317	-145	-143	Min.	590.00	25.95	33	3.67	37	10.72	37	-1048.75	41	-0.00	33	0.09	37
317	-143	-141	Max	0.00	40.98	41	3.58	41	-9.76	37	1048.75	41	0.00	33	-0.43	37
317	-143	-141	Max	295.00					-0.59	41			1546.91	41		
317	-143	-141	Max	590.00	40.98	41	3.58	41	9.96	41	-710.06	37	0.00	41	-0.43	37
317	-143	-141	Min.	0.00	36.99	37	3.15	37	-11.14	41	710.06	37	0.00	33	-0.58	41
317	-143	-141	Min.	295.00					-0.46	37			1047.33	37		
317	-143	-141	Min.	590.00	36.99	37	3.15	37	8.84	37	-1048.75	41	0.00	37	-0.58	41
318	-154	-152	Max	0.00	175.30	41	3.52	41	-4.93	37	711.45	41	0.00	33	0.05	41
318	-154	-152	Max	205.00					1.69	41			729.24	41		
318	-154	-152	Max	410.00	175.30	41	3.52	41	8.91	41	-479.84	37	0.00	41	0.05	41
318	-154	-152	Min.	0.00	153.41	37	3.13	37	-5.52	41	479.85	37	0.00	33	-0.07	37
318	-154	-152	Min.	205.00					1.48	37			491.84	37		
318	-154	-152	Min.	410.00	153.41	37	3.13	37	7.89	37	-711.45	41	0.00	33	-0.07	37
318	-152	-146	Max	0.00	56.42	41	5.75	41	-10.29	37	711.45	41	0.00	33	-0.18	37
318	-152	-146	Max	205.00					0.03	41			729.24	41		
318	-152	-146	Max	410.00	56.42	41	5.75	41	11.82	41	-479.84	37	0.00	41	-0.18	37
318	-152	-146	Min.	0.00	49.05	37	5.03	37	-11.75	41	479.85	37	0.00	33	-0.26	41
318	-152	-146	Min.	205.00					0.02	37			491.84	37		
318	-152	-146	Min.	410.00	49.05	37	5.03	37	10.32	37	-711.45	41	0.00	33	-0.26	41
318	-146	-144	Max	0.00	0.41	37	3.61	41	-9.38	37	1038.45	41	0.00	33	-0.13	37
318	-146	-144	Max	295.00					-0.10	41			1531.71	41		
318	-146	-144	Max	590.00	0.41	37	3.61	41	10.55	41	-703.21	37	0.00	41	-0.13	37
318	-146	-144	Min.	0.00	-2.67	41	3.15	37	-10.75	41	703.21	37	0.00	33	-0.20	41
318	-146	-144	Min.	295.00					-0.08	37			1037.23	37		
318	-146	-144	Min.	590.00	-2.67	41	3.15	37	9.23	37	-1038.45	41	0.00	33	-0.20	41
318	-144	-142	Max	0.00	-35.41	37	3.11	41	-8.54	37	1038.45	41	0.00	33	0.66	41
318	-144	-142	Max	295.00					-0.55	41			1531.71	41		
318	-144	-142	Max	590.00	-35.41	37	3.11	41	8.62	41	-703.21	37	0.01	41	0.66	41
318	-144	-142	Min.	0.00	-46.58	41	2.75	37	-9.72	41	703.21	37	0.00	33	0.43	37
318	-144	-142	Min.	295.00					-0.43	37			1037.24	37		
318	-144	-142	Min.	590.00	-46.58	41	2.75	37	7.69	37	-1038.45	41	0.00	37	0.43	37
501	1	2	Max	12.50	0.00	33	0.00	33	0.00	33	-522.30	41	1164.16	37	829.18	41
501	1	2	Max	287.85									-3.15	37		
501	1	2	Max	416.50	0.00	33	0.00	33	0.00	33	940.11	41	793.72	41	829.18	41
501	1	2	Min.	12.50	0.00	33	0.00	33	0.00	33	-733.63	37	459.24	41	736.17	37
501	1	2	Min.	209.06									-111.81	41		
501	1	2	Min.	416.50	0.00	33	0.00	33	0.00	33	542.57	37	333.36	37	736.17	37
501	2	3	Max	12.50	0.00	33	0.00	33	0.00	33	-1127.83	33	1201.01	37	151.04	41
501	2	3	Max	216.48									-38.21	41		
501	2	3	Max	337.50	0.00	33	0.00	33	0.00	33	715.04	41	394.35	41	151.04	41
501	2	3	Min.	12.50	0.00	33	0.00	33	0.00	33	-1191.09	41	1122.94	33	139.53	33
501	2	3	Min.	242.64									-129.20	37		
501	2	3	Min.	337.50	0.00	33	0.00	33	0.00	33	477.05	37	96.74	37	139.53	33
501	3	4	Max	12.50	0.00	33	0.00	33	0.00	33	-1286.80	33	1233.14	37	-52.99	37
501	3	4	Max	266.99									-524.35	33		
501	3	4	Max	428.50	0.00	33	0.00	33	0.00	33	839.53	41	129.05	41	-52.99	37
501	3	4	Min.	12.50	0.00	33	0.00	33	0.00	33	-1356.23	41	1057.55	33	-62.72	41
501	3	4	Min.	298.15									-555.48	37		
501	3	4	Min.	428.50	0.00	33	0.00	33	0.00	33	552.06	37	-200.15	37	-62.72	41
501	4	5	Max	12.50	0.00	33	0.00	33	0.00	33	-855.24	33	885.20	37	-25.36	37
501	4	5	Max	175.26									38.29	41		
501	4	5	Max	337.50	0.00	33	0.00	33	0.00	33	902.97	41	774.26	41	-25.36	37
501	4	5	Min.	12.50	0.00	33	0.00	33	0.00	33	-907.45	41	737.74	33	-53.05	41
501	4	5	Min.	202.36									31.63	37		
501	4	5	Min.	337.50	0.00	33	0.00	33	0.00	33	633.63	37	461.85	37	-53.05	41
501	5	6	Max	12.50	0.00	33	0.00	33	0.00	33	-1460.75	33	1760.86	37	-687.91	37
501	5	6	Max	416.50	0.00	33	0.00	33	0.00	33	-148.79	33	-1195.76	33	-687.91	37
501	5	6	Min.	12.50	0.00	33	0.00	33	0.00	33	-1537.79	41	1592.05	33	-791.40	41
501	5	6	Min.	416.50	0.00	33	0.00	33	0.00	33	-377.52	37	-1659.05	37	-791.40	41
506	31	32	Max	12.50	0.00	33	0.00	33	0.00	33	206.55	41	1135.71	37	-128.81	37
506	31	32	Max	416.50	0.00	33	0.00	33	0.00	33	-460.73	33	-407.28	33	-128.81	37
506	31	32	Min.	12.50	0.00	33	0.00	33	0.00	33	-117.30	37	290.02	41	-171.71	41
506	31	32	Min.	416.50	0.00	33	0.00	33	0.00	33	-772.93	37	-752.67	37	-171.71	41
506	32	33	Max	12.50	0.00	33	0.00	33	0.00	33	215.15	41	251.77	41	-13.28	37
506	32	33	Max	337.50	0.00	33	0.00	33	0.00	33	-253.45	33	233.93	41	-13.28	37
506	32	33	Min.	12.50	0.00	33	0.00	33	0.00	33	169.99	33	217.17	37	-35.68	41
506	32	33	Min.	337.50	0.00	33	0.00	33	0.00	33	-378.06	37	-28.41	37	-35.68	41
506	33	-6	Max	12.50	0.00	33	0.00	33	0.00	33	-679.82	37	688.20	37	32.80	41
506	33	-6	Max	220.50	0.00	33	0.00	33	0.00	33	-1331.33	37	-1353.23	37	32.80	41
506	33	-6	Min.	12.50	0.00	33	0.00	33	0.00	33	-819.54	41	611.50	33	18.00	37
506	33	-6	Min.	220.50	0.00	33	0.00	33	0.00	33	-1513.16	41	-1707.02	41	18.00	37
506	-6	34	Max	0.00	0.00	33	0.00	33	0.00	33	1301.18	41	-1339.98	37	-22.03	37
506	-6	34	Max	208.00	0.00	33	0.00	33	0.00	33	584.73	41	204.65	41	-22.03	37
506	-6	34	Min.	0.00	0.00	33	0.00	33	0.00	33	976.29	37	-1699.13	41	-44.69	41

506	-6	34	Min.	208.00	0.00	33	0.00	33	0.00	33	286.38	37	-69.74	37	-44.69	41
506	34	35	Max	12.50	0.00	33	0.00	33	0.00	33	59.27	41	657.79	37	44.66	41
506	34	35	Max	337.50	0.00	33	0.00	33	0.00	33	-400.50	33	-43.70	41	44.66	41
506	34	35	Min.	12.50	0.00	33	0.00	33	0.00	33	18.85	37	597.75	33	25.82	37
506	34	35	Min.	337.50	0.00	33	0.00	33	0.00	33	-567.30	37	-275.45	37	25.82	37
506	35	36	Max	12.50	0.00	33	0.00	33	0.00	33	-40.07	41	429.07	37	155.30	41
506	35	36	Max	416.50	0.00	33	0.00	33	0.00	33	-826.36	33	-1390.06	33	155.30	41
506	35	36	Min.	12.50	0.00	33	0.00	33	0.00	33	-117.59	37	285.69	41	96.19	37
506	35	36	Min.	416.50	0.00	33	0.00	33	0.00	33	-1025.02	37	-1777.06	37	96.19	37
507	1	7	Max	20.00	0.00	33	0.00	33	0.00	33	503.87	41	-1655.63	37	229.96	37
507	1	7	Max	615.00	0.00	33	0.00	33	0.00	33	302.67	41	106.79	33	229.96	37
507	1	7	Min.	20.00	0.00	33	0.00	33	0.00	33	449.25	33	-1924.17	41	75.56	41
507	1	7	Min.	615.00	0.00	33	0.00	33	0.00	33	189.15	37	6.42	37	75.56	41
507	7	13	Max	20.00	0.00	33	0.00	33	0.00	33	-1138.40	37	2668.29	41	22.83	37
507	7	13	Max	397.50	0.00	33	0.00	33	0.00	33	-919.82	33	-1173.88	33	22.83	37
507	7	13	Min.	20.00	0.00	33	0.00	33	0.00	33	-1327.46	41	2352.81	37	-102.34	41
507	7	13	Min.	397.50	0.00	33	0.00	33	0.00	33	-1018.20	41	-1289.87	41	-102.34	41
507	13	19	Max	12.50	0.00	33	0.00	33	0.00	33	601.03	41	-921.02	37	-30.25	37
507	13	19	Max	397.50	0.00	33	0.00	33	0.00	33	-66.15	33	-52.44	33	-30.25	37
507	13	19	Min.	12.50	0.00	33	0.00	33	0.00	33	534.87	33	-1030.63	41	-74.68	41
507	13	19	Min.	397.50	0.00	33	0.00	33	0.00	33	-169.64	37	-154.92	37	-74.68	41
507	19	25	Max	12.50	0.00	33	0.00	33	0.00	33	340.12	37	-157.81	33	-29.97	41
507	19	25	Max	577.50	0.00	33	0.00	33	0.00	33	-167.41	33	-82.86	33	-29.97	41
507	19	25	Min.	12.50	0.00	33	0.00	33	0.00	33	250.32	33	-213.71	37	-59.16	37
507	19	25	Min.	577.50	0.00	33	0.00	33	0.00	33	-302.88	37	-237.60	37	-59.16	37
507	25	31	Max	12.50	0.00	33	0.00	33	0.00	33	302.65	37	-9.67	33	24.40	41
507	25	31	Max	577.50	0.00	33	0.00	33	0.00	33	-576.84	33	-635.58	37	24.40	41
507	25	31	Min.	12.50	0.00	33	0.00	33	0.00	33	174.87	33	-131.87	37	-203.27	37
507	25	31	Min.	577.50	0.00	33	0.00	33	0.00	33	-652.00	37	-722.19	41	-203.27	37
519	6	12	Max	20.00	0.00	33	0.00	33	0.00	33	427.33	41	-1731.21	37	331.56	37
519	6	12	Max	615.00	0.00	33	0.00	33	0.00	33	362.74	41	192.48	33	331.56	37
519	6	12	Min.	20.00	0.00	33	0.00	33	0.00	33	371.54	37	-1962.51	41	252.47	33
519	6	12	Min.	615.00	0.00	33	0.00	33	0.00	33	293.67	37	159.52	37	252.47	33
519	12	18	Max	20.00	0.00	33	0.00	33	0.00	33	-1033.18	37	2539.82	41	268.46	41
519	12	18	Max	397.50	0.00	33	0.00	33	0.00	33	-872.82	33	-1079.45	37	268.46	41
519	12	18	Min.	20.00	0.00	33	0.00	33	0.00	33	-1266.35	41	2129.48	37	250.28	33
519	12	18	Min.	397.50	0.00	33	0.00	33	0.00	33	-971.47	41	-1220.65	41	250.28	33
519	18	24	Max	12.50	0.00	33	0.00	33	0.00	33	626.41	41	-974.57	33	113.09	41
519	18	24	Max	397.50	0.00	33	0.00	33	0.00	33	-38.33	33	2.58	33	113.09	41
519	18	24	Min.	12.50	0.00	33	0.00	33	0.00	33	560.03	33	-1072.55	41	95.03	37
519	18	24	Min.	397.50	0.00	33	0.00	33	0.00	33	-123.86	37	-63.04	37	95.03	37
519	24	30	Max	12.50	0.00	33	0.00	33	0.00	33	362.80	37	-195.46	33	-40.77	33
519	24	30	Max	577.50	0.00	33	0.00	33	0.00	33	-144.93	33	-39.97	33	-40.77	33
519	24	30	Min.	12.50	0.00	33	0.00	33	0.00	33	262.59	33	-281.20	37	-60.24	37
519	24	30	Min.	577.50	0.00	33	0.00	33	0.00	33	-264.93	37	-164.32	37	-60.24	37
519	30	36	Max	12.50	0.00	33	0.00	33	0.00	33	300.32	37	-70.87	33	-412.71	33
519	30	36	Max	577.50	0.00	33	0.00	33	0.00	33	-444.51	37	-415.56	37	-412.71	33
519	30	36	Min.	12.50	0.00	33	0.00	33	0.00	33	172.67	33	-236.39	37	-482.53	37
519	30	36	Min.	577.50	0.00	33	0.00	33	0.00	33	-522.45	41	-592.89	41	-482.53	37

Tipo di combinazione di carico: SLE R

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	101	Max	17.00	-5638.69	38	1717.50	42	-627.87	38	891.21	38	-281.88	42	-3.67	42
1	1	101	Max	202.67					2333.59	38			221.68	38		
1	1	101	Max	310.50	-4904.94	38	1717.50	42	4368.85	42	-380.82	34	-57.38	38	-3.67	42
1	1	101	Min.	17.00	-6018.61	42	1595.02	38	-672.00	42	463.57	42	-605.67	38	-6.31	38
1	1	101	Min.	177.96					2092.51	42			91.20	42		
1	1	101	Min.	310.50	-5284.86	42	1595.02	38	4053.52	38	-517.59	38	-161.75	42	-6.31	38
2	2	302	Max	17.00	-9795.21	38	2998.18	42	-343.48	38	369.71	38	-290.20	42	-3.67	42
2	2	302	Max	310.50	-9061.46	38	2998.18	42	8428.76	42	369.71	38	486.95	38	-3.67	42
2	2	302	Min.	17.00	-10473.20	42	2791.04	38	-370.89	42	188.65	42	-598.14	38	-6.31	38
2	2	302	Min.	310.50	-9739.48	42	2791.04	38	7848.23	38	188.65	42	263.47	42	-6.31	38
3	3	403	Max	17.00	-10122.00	38	2946.95	42	-103.69	38	439.61	38	-469.87	34	-3.67	42
3	3	403	Max	310.50	-9388.26	38	2946.95	42	8539.70	42	439.61	38	537.22	38	-3.67	42
3	3	403	Min.	17.00	-10722.80	42	2748.43	38	-109.61	42	264.89	34	-753.03	38	-6.31	38
3	3	403	Min.	310.50	-9989.03	42	2748.43	38	7962.94	38	264.89	34	307.59	34	-6.31	38
4	4	404	Max	17.00	-9469.10	38	2670.64	42	16.13	38	454.29	38	-416.13	42	-3.67	42
4	4	404	Max	310.50	-8735.35	38	2670.64	42	7851.76	42	454.29	38	627.13	38	-3.67	42
4	4	404	Min.	17.00	-10131.50	42	2477.48	38	13.42	42	278.23	42	-706.22	38	-6.31	38
4	4	404	Min.	310.50	-9397.71	42	2477.48	38	7287.52	38	278.23	42	400.33	34	-6.31	38
5	5	305	Max	17.00	-9990.75	38	3007.64	42	-397.23	38	491.95	38	-568.08	34	-3.67	42
5	5	305	Max	310.50	-9257.00	38	3007.64	42	8413.36	42	491.95	38	594.92	38	-3.67	42
5	5	305	Min.	17.00	-10578.30	42	2814.16	38	-414.06	42	322.09	34	-848.95	38	-6.31	38
5	5	305	Min.	310.50	-9844.50	42	2814.16	38	7862.33	38	322.09	34	377.25	34	-6.31	38
6	6	106	Max	17.00	-5903.19	38	1760.61	42	-711.39	38	834.16	38	-593.81	34	-3.67	42
6	6	106	Max	310.50	-5169.44	38	1760.61	42	4445.20	42	150.88	42	565.12	38	-3.67	42
6	6	106	Min.	17.00	-6184.19	42	1662.20	38	-722.18	42	572.54	34	-849.44	38	-6.31	38
6	6	106	Min.	310.50	-5450.44	42	1662.20	38	4167.18	38	129.76	38	466.36	34	-6.31	38
7	7	107	Max	17.00	-6597.14	38	-1869.11	38	1585.31	42	727.02	38	-148.62	34	-3.72	42
7	7	107	Max	168.46					-1257.92	38			328.39	38		
7	7	107	Max	305.50	-5875.89	38	-1869.11	38	-3819.28	38	-427.87	34	-122.30	38	-3.72	42
7	7	107	Min.	17.00	-7126.51	42	-1945.71	42	1571.80	34	401.17	42	-222.19	38	-6.39	38
7	7	107	Min.	156.29					-1124.96	42			128.00	42		
7	7	107	Min.	305.50	-6405.26	42	-1945.71	42	-4028.07	42	-657.77	38	-192.58	42	-6.39	38
8	8	-155	Max	0.00	-12397.60	38	-2792.31	38	499.94	42	79.45	38	-77.69	34	-3.56	42
8	8	-155	Max	305.50	-11633.90	38	-2792.31	38	-8055.72	38	79.45	38	111.83	38	-3.56	42
8	8	-155	Min.	0.00	-13505.70	42	-2961.07	42	474.79	38	44.63	34	-130.90	38	-6.11	38
8	8	-155	Min.	305.50	-12741.90	42	-2961.07	42	-8546.13	42	44.63	34	58.65	34	-6.11	38

9	9	-15	Max	0.00	-12635.50	38	-2728.96	38	487.95	42	102.52	38	-82.14	42	-3.56	42
9	9	-15	Max	305.50	-11871.80	38	-2728.96	38	-7877.35	38	102.52	38	174.33	38	-3.56	42
9	9	-15	Min.	0.00	-13615.40	42	-2905.19	42	459.62	38	57.50	42	-138.86	38	-6.11	38
9	9	-15	Min.	305.50	-12851.60	42	-2905.19	42	-8387.39	42	57.50	42	93.52	42	-6.11	38
10	10	-16	Max	0.00	-12023.40	38	-2427.94	38	435.63	42	128.57	38	-92.53	34	-3.56	42
10	10	-16	Max	305.50	-11259.70	38	-2427.94	38	-7013.58	38	128.57	38	244.94	38	-3.56	42
10	10	-16	Min.	0.00	-13010.80	42	-2610.65	42	403.78	38	87.63	34	-147.86	38	-6.11	38
10	10	-16	Min.	305.50	-12247.00	42	-2610.65	42	-7539.91	42	87.63	34	175.18	34	-6.11	38
11	11	-7	Max	0.00	-12111.40	38	-2701.06	38	478.20	42	80.07	38	-74.17	42	-3.56	42
11	11	-7	Max	305.50	-11347.70	38	-2701.06	38	-7807.25	38	80.07	38	113.51	38	-3.56	42
11	11	-7	Min.	0.00	-13190.50	42	-2883.38	42	444.48	38	34.41	42	-131.11	38	-6.11	38
11	11	-7	Min.	305.50	-12426.70	42	-2883.38	42	-8330.51	42	34.41	42	30.96	42	-6.11	38
12	12	112	Max	17.00	-6594.46	38	-1726.14	38	1435.15	42	501.04	38	-88.62	42	-3.67	42
12	12	112	Max	225.76					-2294.22	38			346.99	38		
12	12	112	Max	310.50	-5860.71	38	-1726.14	38	-3756.86	38	-85.74	42	279.96	42	-3.67	42
12	12	112	Min.	17.00	-7122.78	42	-1864.81	42	1309.35	38	334.97	34	-176.00	38	-6.31	38
12	12	112	Min.	249.62					-2866.43	34			298.24	34		
12	12	112	Min.	310.50	-6389.03	42	-1864.81	42	-4038.07	42	-203.37	38	260.83	38	-6.31	38
13	13	113	Max	17.00	-2235.68	38	-61.57	42	172.74	38	591.99	38	-16.81	42	-1.40	42
13	13	113	Max	140.33					75.55	38			222.28	38		
13	13	113	Max	310.53	-1777.04	38	-61.57	42	-31.89	42	-627.92	34	-472.94	38	-1.40	42
13	13	113	Min.	17.00	-2656.00	42	-78.81	38	148.77	34	203.47	42	-142.78	38	-2.41	38
13	13	113	Min.	87.65					105.34	42			55.07	42		
13	13	113	Min.	310.53	-2197.36	42	-78.81	38	-58.57	38	-816.96	38	-660.26	42	-2.41	38
14	14	314	Max	0.00	-3503.27	38	115.82	42	-86.33	38	181.28	38	-127.68	34	-18.54	38
14	14	314	Max	340.58	-2971.13	38	115.82	42	293.31	42	181.28	38	443.81	38	-18.54	38
14	14	314	Min.	0.00	-4357.25	42	96.39	38	-101.13	42	154.38	34	-173.58	38	-19.11	42
14	14	314	Min.	340.58	-3825.10	42	96.39	38	241.95	38	154.38	34	398.12	34	-19.11	42
15	15	415	Max	0.00	-3710.05	38	165.40	42	-146.95	38	34.77	38	-30.42	42	-15.52	38
15	15	415	Max	365.09	-3139.60	38	165.39	42	437.58	42	34.77	38	38.00	38	-15.52	38
15	15	415	Min.	0.00	-4423.82	42	141.23	38	-166.26	42	-15.00	42	-88.94	38	-16.22	42
15	15	415	Min.	365.09	-3853.37	42	141.23	38	368.65	38	-15.00	42	-85.20	42	-16.22	42
16	16	416	Max	0.00	-3662.38	38	159.93	42	-141.97	38	171.58	38	-127.92	34	15.12	42
16	16	416	Max	365.09	-3091.93	38	159.93	42	424.89	42	171.58	38	450.31	38	15.12	42
16	16	416	Min.	0.00	-4392.73	42	137.28	38	-159.00	42	137.61	34	-176.10	38	12.81	38
16	16	416	Min.	365.09	-3822.29	42	137.28	38	359.24	38	137.61	34	374.48	34	12.81	38
17	17	317	Max	0.00	-3641.29	38	121.92	42	-100.24	38	46.41	38	-38.24	42	15.55	42
17	17	317	Max	340.58	-3109.14	38	121.92	42	306.61	42	46.41	38	52.43	38	15.55	42
17	17	317	Min.	0.00	-4436.40	42	107.25	38	-108.60	42	-21.14	42	-105.63	38	13.28	38
17	17	317	Min.	340.58	-3904.25	42	107.25	38	265.04	38	-21.14	42	-110.23	42	13.28	38
18	18	118	Max	17.00	-2254.49	38	-0.04	38	76.29	42	665.87	38	-235.20	34	-1.40	42
18	18	118	Max	294.45					51.47	38			636.91	38		
18	18	118	Max	310.53	-1795.84	38	-0.04	38	51.46	38	129.59	42	759.17	42	-1.40	42
18	18	118	Min.	17.00	-2661.99	42	-13.97	34	51.58	38	538.24	34	-286.80	38	-2.41	38
18	18	118	Min.	294.45					51.47	38			636.91	38		
18	18	118	Min.	310.53	-2203.34	42	-13.97	34	35.20	34	-38.60	38	633.80	38	-2.41	38
19	19	119	Max	17.00	-2895.05	38	68.59	42	-40.06	38	548.52	38	7.05	42	-1.40	42
19	19	119	Max	131.28					10.26	38			189.66	38		
19	19	119	Max	310.53	-2436.41	38	68.59	42	129.86	42	-687.31	34	-581.51	38	-1.40	42
19	19	119	Min.	17.00	-3444.13	42	44.04	38	-71.47	42	140.52	42	-123.75	38	-2.41	38
19	19	119	Min.	65.79					-38.00	42			41.33	42		
19	19	119	Min.	310.53	-2985.49	42	44.04	38	89.20	38	-860.42	38	-821.17	42	-2.41	38
20	20	320	Max	0.00	-4116.49	38	125.44	42	-90.92	38	201.27	38	-140.70	34	-18.53	38
20	20	320	Max	340.58	-3584.34	38	125.44	42	320.95	42	201.27	38	498.35	38	-18.53	38
20	20	320	Min.	0.00	-5179.40	42	105.01	38	-106.28	42	176.05	34	-187.13	38	-19.00	42
20	20	320	Min.	340.58	-4647.25	42	105.01	38	266.72	38	176.05	34	458.89	34	-19.00	42
21	21	421	Max	0.00	-4505.79	38	167.85	42	-149.31	38	9.04	38	-10.14	42	-14.70	38
21	21	421	Max	365.09	-3935.34	38	167.85	42	445.14	42	9.04	38	-42.75	38	-14.70	38
21	21	421	Min.	0.00	-5468.71	42	145.36	38	-167.65	42	-50.23	42	-75.76	38	-15.23	42
21	21	421	Min.	365.09	-4898.26	42	145.36	38	381.38	38	-50.23	42	-193.53	42	-15.23	42
22	22	422	Max	0.00	-4440.10	38	162.30	42	-144.76	38	205.94	38	-153.47	34	14.40	42
22	22	422	Max	365.09	-3869.66	38	162.30	42	431.92	42	205.94	38	551.64	38	14.40	42
22	22	422	Min.	0.00	-5431.19	42	141.69	38	-160.63	42	176.04	34	-200.23	38	12.22	38
22	22	422	Min.	365.09	-4860.74	42	141.69	38	372.52	38	176.04	34	489.24	34	12.22	38
23	23	323	Max	0.00	-4245.22	38	131.89	42	-105.31	38	38.22	38	-32.12	42	15.24	42
23	23	323	Max	340.58	-3713.07	38	131.89	42	335.41	42	38.22	38	25.34	38	15.24	42
23	23	323	Min.	0.00	-5255.52	42	117.11	38	-113.78	42	-36.98	42	-104.82	38	13.00	38
23	23	323	Min.	340.58	-4723.37	42	117.11	38	293.55	38	-36.98	42	-158.05	42	13.00	38
24	24	124	Max	17.00	-2922.20	38	108.57	38	-129.88	34	719.23	38	-257.44	34	-1.40	42
24	24	124	Max	310.53	-2463.56	38	108.57	38	178.63	42	198.39	42	937.73	42	-1.40	42
24	24	124	Min.	17.00	-3462.90	42	103.61	34	-144.01	38	603.45	34	-305.42	38	-2.41	38
24	24	124	Min.	310.53	-3004.26	42	103.61	34	174.26	34	14.75	38	771.80	38	-2.41	38
25	25	125	Max	17.00	-3274.83	38	-17.26	42	63.64	38	544.95	38	20.22	42	-1.40	42
25	25	125	Max	130.53					26.58	38			138.56	38		
25	25	125	Max	310.53	-2816.19	38	-17.26	42	-8.08	42	-724.38	34	-639.03	38	-1.40	42
25	25	125	Min.	17.00	-3946.18	42	-32.65	38	42.14	34	99.73	42	-170.78	38	-2.41	38
25	25	125	Min.	59.01					34.84	34			34.48	34		
25	25	125	Min.	310.53	-3487.54	42	-32.65	38	-32.19	38	-864.00	38	-927.74	42	-2.41	38
26	26	326	Max	0.00	-4739.54	38	76.78	42	-71.19	38	219.66	38	-152.25	34	-19.75	38
26	26	326	Max	340.58	-4207.39	38	76.78	42	180.85	42	219.66	38	547.05	38	-19.75	38
26	26	326	Min.	0.00	-5985.63	42	67.58	38	-80.64	42	193.69	34	-201.06	38	-20.22	42
26	26	326	Min.	340.58	-5453.48	42	67.58	38	158.96	38	193.69	34	507.41	34	-20.22	42
27	27	427	Max	0.00	-5247.39	38	121.47	42	-127.85	38	-3.90	38	-0.48	42	-15.36	38
27	27	427	Max	365.09	-4676.94	38	121.46	42	303.14	42	-3.90	38	-85.78	38	-15.36	38
27	27	427	Min.	0.00	-6409.35	42	109.04	38	-140.31	42	-69.11	42	-71.53	38	-15.96	42
27	27	427	Min.	365												

29	29	329	Max	0.00	-4855.48	38	82.25	42	-84.65	38	36.68	38	-30.90	42	16.17	42
29	29	329	Max	340.58	-4323.33	38	82.25	42	192.66	42	36.68	38	15.78	38	16.17	42
29	29	329	Min.	0.00	-6052.96	42	78.24	38	-87.48	42	-45.40	42	-109.14	38	13.95	38
29	29	329	Min.	340.58	-5520.81	42	78.24	38	181.83	38	-45.40	42	-185.53	42	13.95	38
30	30	130	Max	17.00	-3350.15	38	37.90	38	-22.42	42	806.38	38	-378.38	34	-1.40	42
30	30	130	Max	310.53	-2891.50	38	37.90	38	63.49	38	289.22	42	1079.73	42	-1.40	42
30	30	130	Min.	17.00	-3992.57	42	23.89	34	-47.77	38	690.55	34	-444.51	38	-2.41	38
30	30	130	Min.	310.53	-3533.93	42	23.89	34	47.17	34	101.91	38	888.53	38	-2.41	38
31	31	231	Max	17.00	-1924.86	38	-311.50	38	361.47	38	797.40	38	-180.25	42	-1.40	42
31	31	231	Max	183.12					-156.01	38			105.56	38		
31	31	231	Max	310.53	-1466.22	38	-311.50	38	-552.88	38	-521.18	34	-284.02	38	-1.40	42
31	31	231	Min.	17.00	-2239.11	42	-332.73	42	354.76	34	311.12	42	-556.78	38	-2.41	38
31	31	231	Min.	125.03					0.03	42			-12.21	42		
31	31	231	Min.	310.53	-1780.47	42	-332.73	42	-617.20	42	-611.55	38	-507.73	42	-2.41	38
32	32	332	Max	17.00	-2678.11	38	-185.46	38	98.58	42	404.60	38	-431.79	34	-15.10	42
32	32	332	Max	340.58	-2172.52	38	-185.46	38	-518.90	38	404.60	38	666.19	38	-15.10	42
32	32	332	Min.	17.00	-3302.96	42	-234.82	42	81.21	38	295.27	34	-642.99	38	-16.36	38
32	32	332	Min.	340.58	-2797.37	42	-234.82	42	-661.23	42	295.27	34	523.63	34	-16.36	38
33	33	433	Max	17.00	-2909.59	38	-177.66	38	61.27	42	228.56	38	-303.44	34	-0.16	42
33	33	433	Max	365.09	-2365.70	38	-177.66	38	-593.45	38	228.56	38	301.31	38	-0.16	42
33	33	433	Min.	17.00	-3392.42	42	-244.40	42	24.98	38	118.75	42	-494.26	38	-3.33	38
33	33	433	Min.	365.09	-2848.53	42	-244.40	42	-789.46	42	118.75	42	109.44	42	-3.33	38
34	34	434	Max	17.00	-2800.56	38	-183.63	38	75.83	42	292.95	38	-269.94	42	1.13	38
34	34	434	Max	365.09	-2256.67	38	-183.63	38	-603.50	38	292.95	38	555.24	38	1.13	38
34	34	434	Min.	17.00	-3328.88	42	-252.34	42	35.68	38	192.46	34	-464.48	38	-0.35	42
34	34	434	Min.	365.09	-2785.00	42	-252.34	42	-802.54	42	192.46	34	399.46	34	-0.35	42
35	35	335	Max	17.00	-2843.02	38	-171.43	38	82.46	42	231.62	38	-235.16	42	10.36	34
35	35	335	Max	340.58	-2337.43	38	-171.43	38	-503.66	38	231.62	38	273.63	38	10.36	34
35	35	335	Min.	17.00	-3400.98	42	-227.97	42	51.04	38	81.72	42	-475.82	38	9.65	38
35	35	335	Min.	340.58	-2895.40	42	-227.97	42	-655.18	42	81.72	42	29.28	42	9.65	38
36	36	136	Max	17.00	-2013.65	38	-244.12	38	285.86	42	916.71	38	-674.05	34	-1.40	42
36	36	136	Max	310.53	-1555.01	38	-244.12	38	-477.72	38	294.51	42	800.12	42	-1.40	42
36	36	136	Min.	17.00	-2293.48	42	-291.72	42	238.83	38	704.09	34	-886.33	38	-2.41	38
36	36	136	Min.	310.53	-1834.84	42	-291.72	42	-570.44	42	212.24	38	770.57	38	-2.41	38
101	101	302	Max	12.50	0.00	34	0.00	34	0.00	34	305.72	42	-102.19	38	-156.13	38
101	101	302	Max	208.16									126.21	42		
101	101	302	Max	416.50	0.00	34	0.00	34	0.00	34	-325.53	42	-212.89	42	-156.13	38
101	101	302	Min.	12.50	0.00	38	0.00	34	0.00	34	264.81	38	-172.88	42	-168.12	42
101	101	302	Min.	181.98									122.20	38		
101	101	302	Min.	416.50	0.00	38	0.00	34	0.00	34	-366.44	38	-307.50	38	-168.12	42
101	302	403	Max	12.50	0.00	38	0.00	34	0.00	34	124.97	42	207.72	38	-9.47	38
101	302	403	Max	37.60									212.64	38		
101	302	403	Max	337.50	0.00	38	0.00	34	0.00	34	-382.84	42	-354.35	42	-9.47	38
101	302	403	Min.	12.50	0.00	34	0.00	34	0.00	34	39.22	38	64.68	42	-10.81	42
101	302	403	Min.	92.48									114.66	42		
101	302	403	Min.	337.50	0.00	34	0.00	34	0.00	34	-468.59	38	-490.02	38	-10.81	42
101	403	-8	Max	12.50	0.00	34	0.00	34	0.00	34	239.87	34	77.23	38	26.33	38
101	403	-8	Max	133.44									191.49	38		
101	403	-8	Max	220.50	0.00	34	0.00	34	0.00	34	-85.14	34	133.32	42	26.33	38
101	403	-8	Min.	12.50	0.00	38	0.00	34	0.00	34	188.97	38	-27.75	34	25.78	42
101	403	-8	Min.	166.01									156.37	34		
101	403	-8	Min.	220.50	0.00	38	0.00	34	0.00	34	-136.03	38	132.28	38	25.78	42
101	-8	404	Max	0.00	0.00	38	0.00	34	0.00	34	-85.14	34	133.32	42	26.33	38
101	-8	404	Max	208.00	0.00	38	0.00	34	0.00	34	-410.13	34	-381.80	42	26.33	38
101	-8	404	Min.	0.00	0.00	34	0.00	34	0.00	34	-136.03	38	132.28	38	25.78	42
101	-8	404	Min.	208.00	0.00	34	0.00	34	0.00	34	-461.03	38	-488.68	38	25.78	42
101	404	305	Max	12.50	0.00	34	0.00	34	0.00	34	140.46	34	161.84	38	-15.72	42
101	404	305	Max	50.02									172.84	38		
101	404	305	Max	337.50	0.00	34	0.00	34	0.00	34	-367.35	34	-338.96	34	-15.72	42
101	404	305	Min.	12.50	0.00	34	0.00	34	0.00	34	58.62	38	29.73	34	-15.86	34
101	404	305	Min.	102.40									92.87	34		
101	404	305	Min.	337.50	0.00	34	0.00	34	0.00	34	-449.19	38	-472.83	38	-15.86	34
101	305	106	Max	12.50	0.00	34	0.00	34	0.00	34	193.69	34	165.25	38	167.29	42
101	305	106	Max	106.61									234.44	38		
101	305	106	Max	416.50	0.00	34	0.00	34	0.00	34	-437.56	34	-421.19	34	167.29	42
101	305	106	Min.	12.50	0.00	38	0.00	34	0.00	34	147.04	38	71.44	34	157.41	38
101	305	106	Min.	136.46									191.49	34		
101	305	106	Min.	416.50	0.00	38	0.00	34	0.00	34	-484.21	38	-515.83	38	157.41	38
107	101	-120	Max	20.00	0.00	34	0.00	34	0.00	38	4610.04	42	-3208.58	38	-0.60	42
107	101	-120	Max	105.83	0.00	34	0.00	34	0.00	34	3243.96	42	-70.96	38	-0.60	42
107	101	-120	Min.	20.00	0.00	38	0.00	38	0.00	34	4292.49	38	-3461.58	42	-10.69	38
107	101	-120	Min.	105.83	0.00	38	0.00	38	0.00	38	3018.47	38	-90.90	42	-10.69	38
107	-120	-121	Max	0.00	0.00	34	0.00	34	0.00	34	3243.96	42	-70.96	38	-0.60	42
107	-120	-121	Max	122.83	0.00	34	0.00	34	0.00	34	1289.01	42	2693.10	42	-0.60	42
107	-120	-121	Min.	0.00	0.00	38	0.00	34	0.00	34	3018.47	38	-90.90	42	-10.69	38
107	-120	-121	Min.	122.83	0.00	38	0.00	34	0.00	34	1195.25	38	2516.96	38	-10.69	38
107	-121	-122	Max	0.00	0.00	34	0.00	34	0.00	38	1289.01	42	2693.11	42	-0.60	42
107	-121	-122	Max	80.99									3215.09	42		
107	-121	-122	Max	105.83	0.00	34	0.00	34	0.00	34	-375.64	38	3165.98	42	-0.60	42
107	-121	-122	Min.	0.00	0.00	38	0.00	38	0.00	34	1195.25	38	2516.97	38	-10.69	38
107	-121	-122	Min.	80.53									2998.21	38		
107	-121	-122	Min.	105.83	0.00	38	0.00	38	0.00	38	-395.38	42	2950.68	38	-10.69	38
107	-122	-123	Max	0.00	0.00	34	0.00	34	0.00	38	-375.63	38	3165.98	42	-0.60	42
107	-122	-123	Max	105.83	0.00	34	0.00	34	0.00	34	-1946.52	38	1856.22	42	-0.60	42
107	-122	-123	Min.	0.00	0.00	38	0.00	38	0.00	34	-395.38	42	2950.68	38	-10.69	38
107	-122	-123	Min.	105.83	0.00	38	0.00	38	0.00	38	-2079.77	42	1721.87	38	-10.69	38
107	-123	-124	Max	0.00	0.00	34	0.00	34	0.00	38	-1946.51	38	1856.22	42	-0.60	42
107	-123	-124	Max	105.83	0.00	34	0.00	34	0.00	34	-3517.40	38				

107	-124	107	Max	0.00	0.00	38	0.00	38	0.00	34	-3517.41	38	-1169.46	38	-0.60	42
107	-124	107	Max	68.83	0.00	38	0.00	38	0.00	38	-4539.10	38	-3942.24	38	-0.60	42
107	-124	107	Min.	0.00	0.00	34	0.00	34	0.00	38	-3764.17	42	-1236.21	42	-10.69	38
107	-124	107	Min.	68.83	0.00	34	0.00	34	0.00	34	-4859.68	42	-4204.25	42	-10.69	38
110	302	-115	Max	20.00	0.00	34	0.00	34	0.00	38	8676.36	42	-6677.01	38	22.96	38
110	302	-115	Max	105.83	0.00	34	0.00	34	0.00	34	6348.94	42	-666.96	38	22.96	38
110	302	-115	Min.	20.00	0.00	38	0.00	38	0.00	34	8082.13	38	-7171.33	42	15.59	42
110	302	-115	Min.	105.83	0.00	38	0.00	38	0.00	38	5921.88	38	-722.98	42	15.59	42
110	-115	-116	Max	0.00	0.00	34	0.00	34	0.00	34	6348.94	42	-666.96	38	22.96	38
110	-115	-116	Max	122.83	0.00	34	0.00	34	0.00	34	3018.26	42	5030.04	42	22.96	38
110	-115	-116	Min.	0.00	0.00	38	0.00	34	0.00	34	5921.88	38	-722.98	42	15.59	42
110	-115	-116	Min.	122.83	0.00	38	0.00	34	0.00	34	2830.41	38	4708.40	38	15.59	42
110	-116	-117	Max	0.00	0.00	34	0.00	34	0.00	38	3018.25	42	5030.06	42	22.96	38
110	-116	-117	Max	105.83	0.00	34	0.00	34	0.00	34	166.78	38	6705.80	42	22.96	38
110	-116	-117	Min.	0.00	0.00	38	0.00	38	0.00	34	2830.40	38	4708.41	38	15.59	42
110	-116	-117	Min.	105.83	0.00	38	0.00	38	0.00	38	148.52	42	6294.42	38	15.59	42
110	-117	-118	Max	0.00	0.00	34	0.00	34	0.00	38	-533.21	38	6705.80	42	22.96	38
110	-117	-118	Max	105.83	0.00	34	0.00	34	0.00	34	-3196.82	38	4603.60	42	22.96	38
110	-117	-118	Min.	0.00	0.00	38	0.00	38	0.00	34	-551.47	42	6294.42	38	15.59	42
110	-117	-118	Min.	105.83	0.00	38	0.00	38	0.00	38	-3421.19	42	4320.61	38	15.59	42
110	-118	-119	Max	0.00	0.00	38	0.00	34	0.00	38	-3896.81	38	4603.62	42	22.96	38
110	-118	-119	Max	105.83	0.00	38	0.00	34	0.00	34	-6560.43	38	-1213.00	38	22.96	38
110	-118	-119	Min.	0.00	0.00	34	0.00	38	0.00	34	-4121.18	42	4320.62	38	15.59	42
110	-118	-119	Min.	105.83	0.00	34	0.00	38	0.00	38	-6990.91	42	-1276.53	42	15.59	42
110	-119	-155	Max	0.00	0.00	34	0.00	38	0.00	34	-7260.44	38	-1213.05	38	22.96	38
110	-119	-155	Max	68.83	0.00	34	0.00	38	0.00	38	-8992.84	38	-6806.88	38	22.96	38
110	-119	-155	Min.	0.00	0.00	38	0.00	34	0.00	38	-7690.92	42	-1276.58	42	15.59	42
110	-119	-155	Min.	68.83	0.00	38	0.00	34	0.00	34	-9557.38	42	-7212.87	42	15.59	42
112	403	-95	Max	20.00	0.00	34	0.00	34	0.00	38	8746.04	42	-6661.26	38	10.03	38
112	403	-95	Max	105.83	0.00	34	0.00	34	0.00	34	6385.66	42	-606.03	38	10.03	38
112	403	-95	Min.	20.00	0.00	38	0.00	38	0.00	34	8149.95	38	-7140.45	42	3.80	34
112	403	-95	Min.	105.83	0.00	38	0.00	38	0.00	38	5959.31	38	-646.43	42	3.80	34
112	-95	-96	Max	0.00	0.00	34	0.00	34	0.00	34	6385.66	42	-606.04	38	10.03	38
112	-95	-96	Max	122.83	0.00	34	0.00	34	0.00	34	3007.81	42	5122.72	42	10.03	38
112	-95	-96	Min.	0.00	0.00	34	0.00	38	0.00	34	5959.31	38	-646.43	42	3.80	34
112	-95	-96	Min.	122.83	0.00	34	0.00	38	0.00	38	2824.36	38	4788.60	38	3.80	34
112	-96	-97	Max	0.00	0.00	34	0.00	34	0.00	38	3007.80	42	5122.73	42	10.03	38
112	-96	-97	Max	105.83	0.00	34	0.00	34	0.00	34	123.27	38	6765.92	42	10.03	38
112	-96	-97	Min.	0.00	0.00	38	0.00	38	0.00	34	2824.35	38	4788.61	38	3.80	34
112	-96	-97	Min.	105.83	0.00	38	0.00	38	0.00	38	97.43	42	6348.39	38	3.80	34
112	-97	-98	Max	0.00	0.00	34	0.00	34	0.00	38	-576.72	38	6765.92	42	10.03	38
112	-97	-98	Max	105.83	0.00	34	0.00	34	0.00	34	-3277.80	38	4588.14	42	10.03	38
112	-97	-98	Min.	0.00	0.00	38	0.00	38	0.00	34	-602.56	42	6348.39	38	3.80	34
112	-97	-98	Min.	105.83	0.00	38	0.00	38	0.00	38	-3512.92	42	4308.71	38	3.80	34
112	-98	-99	Max	0.00	0.00	34	0.00	34	0.00	38	-3977.79	38	4588.15	42	10.03	38
112	-98	-99	Max	105.83	0.00	34	0.00	34	0.00	34	-6678.87	38	-1330.43	38	10.03	38
112	-98	-99	Min.	0.00	0.00	38	0.00	38	0.00	34	-4212.91	42	4308.72	38	3.80	34
112	-98	-99	Min.	105.83	0.00	38	0.00	38	0.00	38	-7123.28	42	-1410.58	42	3.80	34
112	-99	-15	Max	0.00	0.00	34	0.00	38	0.00	34	-7378.88	38	-1330.47	38	10.03	38
112	-99	-15	Max	68.83	0.00	34	0.00	38	0.00	38	-9135.65	38	-7014.23	38	10.03	38
112	-99	-15	Min.	0.00	0.00	38	0.00	34	0.00	38	-7823.29	42	-1410.63	42	3.80	34
112	-99	-15	Min.	68.83	0.00	38	0.00	34	0.00	34	-9716.18	42	-7447.13	42	3.80	34
114	404	-100	Max	20.00	0.00	38	0.00	34	0.00	38	8226.94	42	-5977.09	38	16.90	38
114	404	-100	Max	105.83	0.00	38	0.00	34	0.00	34	5866.56	42	-363.92	38	16.90	38
114	404	-100	Min.	20.00	0.00	34	0.00	38	0.00	34	7634.94	38	-6443.70	42	10.13	42
114	404	-100	Min.	105.83	0.00	34	0.00	38	0.00	38	5444.30	38	-395.24	42	10.13	42
114	-100	-101	Max	0.00	0.00	34	0.00	34	0.00	34	5866.56	42	-363.92	38	16.90	38
114	-100	-101	Max	122.83	0.00	34	0.00	34	0.00	34	2488.71	42	4736.29	42	16.90	38
114	-100	-101	Min.	0.00	0.00	34	0.00	38	0.00	34	5444.30	38	-395.24	42	10.13	42
114	-100	-101	Min.	122.83	0.00	34	0.00	38	0.00	38	2309.35	38	4398.11	38	10.13	42
114	-101	-102	Max	0.00	0.00	38	0.00	34	0.00	38	2488.70	42	4736.30	42	16.90	38
114	-101	-102	Max	90.50									5862.43	42		
114	-101	-102	Max	105.83	0.00	38	0.00	34	0.00	34	-391.74	38	5830.10	42	16.90	38
114	-101	-102	Min.	0.00	0.00	34	0.00	38	0.00	34	2309.34	38	4398.12	38	10.13	42
114	-101	-102	Min.	90.48									5442.91	38		
114	-101	-102	Min.	105.83	0.00	34	0.00	38	0.00	38	-421.67	42	5412.84	38	10.13	42
114	-102	-103	Max	0.00	0.00	38	0.00	34	0.00	38	-391.73	38	5830.10	42	16.90	38
114	-102	-103	Max	105.83	0.00	38	0.00	34	0.00	34	-3092.81	38	3843.78	42	16.90	38
114	-102	-103	Min.	0.00	0.00	34	0.00	38	0.00	34	-421.66	42	5412.85	38	10.13	42
114	-102	-103	Min.	105.83	0.00	34	0.00	38	0.00	38	-3332.02	42	3568.94	38	10.13	42
114	-103	-104	Max	0.00	0.00	34	0.00	34	0.00	38	-3092.80	38	3843.79	42	16.90	38
114	-103	-104	Max	105.83	0.00	34	0.00	34	0.00	34	-5793.88	38	-1133.58	38	16.90	38
114	-103	-104	Min.	0.00	0.00	38	0.00	38	0.00	34	-3332.01	42	3568.95	38	10.13	42
114	-103	-104	Min.	105.83	0.00	38	0.00	38	0.00	38	-6242.37	42	-1222.65	42	10.13	42
114	-104	-16	Max	0.00	0.00	38	0.00	38	0.00	34	-5793.90	38	-1133.62	38	16.90	38
114	-104	-16	Max	68.83	0.00	38	0.00	38	0.00	38	-7550.66	38	-5726.38	38	16.90	38
114	-104	-16	Min.	0.00	0.00	34	0.00	34	0.00	38	-6242.39	42	-1222.69	42	10.13	42
114	-104	-16	Min.	68.83	0.00	34	0.00	34	0.00	34	-8135.28	42	-6171.01	42	10.13	42
116	305	-105	Max	20.00	0.00	38	0.00	34	0.00	38	8671.42	42	-6719.51	38	19.43	38
116	305	-105	Max	105.83	0.00	38	0.00	34	0.00	34	6344.00	42	-705.20	38	19.43	38
116	305	-105	Min.	20.00	0.00	34	0.00	38	0.00	34	8087.10	38	-7183.82	42	14.59	34
116	305	-105	Min.	105.83	0.00	34	0.00	38	0.00	38	5926.84	38	-739.70	42	14.59	34
116	-105	-106	Max	0.00	0.00	34	0.00	34	0.00	34	6344.01	42	-705.20	38	19.43	38
116	-105	-106	Max	122.83	0.00	34	0.00	34	0.00	34	3013.32	42	5007.26	42	19.43	38
116	-105	-106	Min.	0.00	0.00	38	0.00	34	0.00	34	5926.84					

116	-107	-108	Max	0.00	0.00	34	0.00	34	0.00	38	-528.24	38	6677.79	42	19.43	38
116	-107	-108	Max	105.83	0.00	34	0.00	34	0.00	34	-3191.85	38	4570.37	42	19.43	38
116	-107	-108	Min.	0.00	0.00	38	0.00	38	0.00	34	-556.41	42	6267.54	38	14.59	34
116	-107	-108	Min.	105.83	0.00	38	0.00	38	0.00	38	-3426.13	42	4298.99	38	14.59	34
116	-108	-109	Max	0.00	0.00	38	0.00	34	0.00	38	-3891.84	38	4570.38	42	19.43	38
116	-108	-109	Max	105.83	0.00	38	0.00	34	0.00	34	-6555.46	38	-1229.37	38	19.43	38
116	-108	-109	Min.	0.00	0.00	34	0.00	38	0.00	34	-4126.12	42	4299.00	38	14.59	34
116	-108	-109	Min.	105.83	0.00	34	0.00	38	0.00	38	-6995.84	42	-1315.00	42	14.59	34
116	-109	-7	Max	0.00	0.00	34	0.00	38	0.00	34	-7255.48	38	-1229.41	38	19.43	38
116	-109	-7	Max	68.83	0.00	34	0.00	38	0.00	38	-8987.87	38	-6819.83	38	19.43	38
116	-109	-7	Min.	0.00	0.00	38	0.00	34	0.00	38	-7695.86	42	-1315.04	42	14.59	34
116	-109	-7	Min.	68.83	0.00	38	0.00	34	0.00	34	-9562.31	42	-7254.73	42	14.59	34
119	106	-110	Max	20.00	0.00	34	0.00	34	0.00	38	4643.06	42	-3320.33	38	-1.90	38
119	106	-110	Max	105.83	0.00	34	0.00	34	0.00	34	3276.98	42	-136.94	34	-1.90	38
119	106	-110	Min.	20.00	0.00	38	0.00	38	0.00	34	4337.59	38	-3537.54	42	-8.01	42
119	106	-110	Min.	105.83	0.00	38	0.00	38	0.00	38	3063.57	38	-144.00	38	-8.01	42
119	-110	-111	Max	0.00	0.00	34	0.00	34	0.00	34	3276.98	42	-136.94	34	-1.90	38
119	-110	-111	Max	122.83	0.00	34	0.00	34	0.00	34	1322.03	42	2686.04	42	-1.90	38
119	-110	-111	Min.	0.00	0.00	38	0.00	34	0.00	34	3063.57	38	-144.00	38	-8.01	42
119	-110	-111	Min.	122.83	0.00	38	0.00	34	0.00	34	1240.36	38	2499.33	38	-8.01	42
119	-111	-112	Max	0.00	0.00	38	0.00	34	0.00	38	1322.02	42	2686.04	42	-1.90	38
119	-111	-112	Max	83.06									3235.11	42		
119	-111	-112	Max	105.83	0.00	38	0.00	34	0.00	34	-330.53	38	3193.85	42	-1.90	38
119	-111	-112	Min.	0.00	0.00	34	0.00	38	0.00	34	1240.35	38	2499.33	38	-8.01	42
119	-111	-112	Min.	83.56									3017.58	38		
119	-111	-112	Min.	105.83	0.00	34	0.00	38	0.00	38	-362.37	42	2980.77	38	-8.01	42
119	-112	-113	Max	0.00	0.00	38	0.00	34	0.00	38	-330.53	38	3193.86	42	-1.90	38
119	-112	-113	Max	105.83	0.00	38	0.00	34	0.00	34	-1901.41	38	1919.03	42	-1.90	38
119	-112	-113	Min.	0.00	0.00	34	0.00	38	0.00	34	-362.37	42	2980.78	38	-8.01	42
119	-112	-113	Min.	105.83	0.00	34	0.00	38	0.00	38	-2046.76	42	1799.71	38	-8.01	42
119	-113	-114	Max	0.00	0.00	38	0.00	34	0.00	38	-1901.41	38	1919.04	42	-1.90	38
119	-113	-114	Max	105.83	0.00	38	0.00	34	0.00	34	-3472.29	38	-1043.87	38	-1.90	38
119	-113	-114	Min.	0.00	0.00	34	0.00	38	0.00	34	-2046.75	42	1799.71	38	-8.01	42
119	-113	-114	Min.	105.83	0.00	34	0.00	38	0.00	38	-3731.14	42	-1138.43	42	-8.01	42
119	-114	112	Max	0.00	0.00	38	0.00	38	0.00	34	-3472.30	38	-1043.90	38	-1.90	38
119	-114	112	Max	68.83	0.00	38	0.00	38	0.00	38	-4494.00	38	-3785.63	38	-1.90	38
119	-114	112	Min.	0.00	0.00	34	0.00	34	0.00	38	-3731.15	42	-1138.46	42	-8.01	42
119	-114	112	Min.	68.83	0.00	34	0.00	34	0.00	34	-4826.67	42	-4083.77	42	-8.01	42
207	107	113	Max	0.00	0.00	38	0.00	34	0.00	34	701.51	42	-782.00	38	64.07	42
207	107	113	Max	261.04									24.98	42		
207	107	113	Max	397.50	0.00	38	0.00	34	0.00	34	-317.45	38	-207.14	38	64.07	42
207	107	113	Min.	0.00	0.00	34	0.00	34	0.00	34	606.70	38	-890.61	42	33.77	38
207	107	113	Min.	260.95									9.59	38		
207	107	113	Min.	397.50	0.00	34	0.00	34	0.00	34	-366.74	42	-225.25	42	33.77	38
207	113	119	Max	12.50	0.00	34	0.00	34	0.00	34	438.17	42	-146.45	38	26.85	42
207	113	119	Max	175.54									170.03	42		
207	113	119	Max	397.50	0.00	34	0.00	34	0.00	34	-523.57	38	-439.14	38	26.85	42
207	113	119	Min.	12.50	0.00	34	0.00	34	0.00	34	371.52	38	-187.18	42	19.27	38
207	113	119	Min.	172.30									150.39	38		
207	113	119	Min.	397.50	0.00	34	0.00	34	0.00	34	-596.48	42	-491.94	42	19.27	38
207	119	125	Max	12.50	0.00	38	0.00	34	0.00	34	734.34	42	-534.53	38	13.05	42
207	119	125	Max	285.75									378.65	42		
207	119	125	Max	577.50	0.00	38	0.00	34	0.00	34	-680.40	38	-667.93	38	13.05	42
207	119	125	Min.	12.50	0.00	34	0.00	34	0.00	34	633.17	38	-624.65	42	11.94	38
207	119	125	Min.	284.84									327.68	38		
207	119	125	Min.	577.50	0.00	34	0.00	34	0.00	34	-784.04	42	-765.07	42	11.94	38
207	125	231	Max	12.50	0.00	42	0.00	34	0.00	34	809.16	42	-650.06	38	-15.74	38
207	125	231	Max	313.59									445.92	42		
207	125	231	Max	577.50	0.00	42	0.00	34	0.00	34	-621.09	38	-448.36	38	-15.74	38
207	125	231	Min.	12.50	0.00	38	0.00	34	0.00	34	692.49	38	-772.25	42	-35.69	42
207	125	231	Min.	310.36									381.24	38		
207	125	231	Min.	577.50	0.00	38	0.00	34	0.00	34	-709.22	42	-489.92	42	-35.69	42
219	112	118	Max	0.00	0.00	34	0.00	34	0.00	34	727.66	42	-887.14	38	-77.24	38
219	112	118	Max	273.13									27.91	42		
219	112	118	Max	397.50	-0.00	38	0.00	34	0.00	34	-270.54	38	-138.24	38	-77.24	38
219	112	118	Min.	0.00	0.00	34	0.00	34	0.00	34	647.34	38	-965.83	42	-89.88	42
219	112	118	Min.	280.34									20.24	38		
219	112	118	Min.	397.50	-0.00	42	0.00	34	0.00	34	-331.33	42	-178.12	42	-89.88	42
219	118	124	Max	12.50	0.00	38	0.00	34	0.00	34	446.45	42	-185.28	38	-19.67	38
219	118	124	Max	180.08									168.51	42		
219	118	124	Max	397.50	0.00	38	0.00	34	0.00	34	-497.30	38	-388.52	38	-19.67	38
219	118	124	Min.	12.50	0.00	34	0.00	34	0.00	34	391.72	38	-205.57	42	-27.18	42
219	118	124	Min.	182.14									146.97	38		
219	118	124	Min.	397.50	0.00	34	0.00	34	0.00	34	-579.24	42	-461.18	42	-27.18	42
219	124	130	Max	12.50	0.00	34	0.00	34	0.00	34	735.25	42	-567.18	38	-2.88	38
219	124	130	Max	288.48									374.09	42		
219	124	130	Max	577.50	0.00	34	0.00	34	0.00	34	-663.30	38	-629.17	38	-2.88	38
219	124	130	Min.	12.50	0.00	38	0.00	34	0.00	34	641.36	38	-640.49	42	-7.70	42
219	124	130	Min.	290.25									323.50	38		
219	124	130	Min.	577.50	0.00	38	0.00	34	0.00	34	-769.98	42	-738.61	42	-7.70	42
219	130	136	Max	12.50	0.00	38	0.00	34	0.00	34	816.01	42	-707.61	38	52.25	42
219	130	136	Max	318.79									448.06	42		
219	130	136	Max	577.50	0.00	38	0.00	34	0.00	34	-593.15	38	-373.27	38	52.25	42
219	130	136	Min.	12.50	0.00	34	0.00	34	0.00	34	711.50	38	-801.63	42	43.22	38
219	130	136	Min.	320.63									388.55	38		
219	130	136	Min.	577.50	0.00	34	0.00	34	0.00	34	-689.23	42	-443.47	42	43.22	38
303	113	-131	Max	12.47	-1666.48	38	170.48	42	-225.70	38	1152.06	42	-482.51	38	-2.70	38
303	113	-131	Max	145.35	-1651.98	38	170.48	42	-13.14	38	944.93	42	758.41	42	-2.70	38
303	113	-131	Min.	12.47	-1961.77	42	159.95	38	-240.46	42	876.69	38	-634.89	42	-7.88	42
303	113	-131	Min.	145.35	-1947.26	42	159.									

303	-131	-132	Max	0.00	-1603.44	38	32.80	42	-26.10	38	7.37	38	758.93	42	-3.61	38
303	-131	-132	Max	4.73					-24.64	38			545.68	38		
303	-131	-132	Max	142.35	-1587.90	38	32.80	42	19.05	42	-214.50	38	585.78	42	-3.61	38
303	-131	-132	Min.	0.00	-1877.98	42	30.79	38	-27.64	42	-10.71	42	545.51	38	-8.84	42
303	-131	-132	Min.	4.73					-24.64	38			545.68	38		
303	-131	-132	Min.	142.35	-1862.45	42	30.79	38	17.73	38	-232.58	42	398.08	38	-8.84	42
303	-132	314	Max	0.00	-1540.08	38	100.22	42	4.29	42	-870.27	38	586.48	42	-4.59	38
303	-132	314	Max	129.88	-1525.90	38	100.22	42	134.46	42	-1072.71	38	-862.94	38	-4.59	38
303	-132	314	Min.	0.00	-1794.00	42	94.75	38	3.64	38	-1178.71	42	398.81	38	-9.87	42
303	-132	314	Min.	129.88	-1779.82	42	94.75	38	126.70	38	-1381.15	42	-1075.87	42	-9.87	42
303	314	-147	Max	12.47	-1423.30	38	87.32	42	-110.78	38	798.59	42	-433.46	38	-2.54	38
303	314	-147	Max	175.93	-1405.46	38	87.32	42	23.74	42	543.81	42	400.16	42	-2.54	38
303	314	-147	Min.	12.47	-1732.60	42	81.22	38	-119.00	42	566.26	38	-696.99	42	-6.42	42
303	314	-147	Min.	175.93	-1714.75	42	81.22	38	21.98	38	311.48	38	283.92	38	-6.42	42
303	-147	415	Max	0.00	-1348.13	38	57.27	42	8.60	42	-486.25	38	400.42	42	-3.52	38
303	-147	415	Max	162.46	-1330.39	38	57.27	42	101.64	42	-739.47	38	-711.32	38	-3.52	38
303	-147	415	Min.	0.00	-1632.19	42	53.66	38	8.00	38	-611.78	42	284.31	38	-7.48	42
303	-147	415	Min.	162.46	-1614.46	42	53.66	38	95.17	38	-865.00	42	-799.15	42	-7.48	42
303	415	-10	Max	12.47	-1368.59	38	160.31	42	-93.07	38	1093.07	42	-657.82	38	-86.24	38
303	415	-10	Max	221.04	-1345.82	38	160.31	42	226.16	42	767.98	42	1066.63	42	-86.24	38
303	415	-10	Min.	12.47	-1721.80	42	139.50	38	-108.21	42	889.51	38	-874.18	42	-108.09	42
303	415	-10	Min.	221.04	-1699.03	42	139.50	38	197.88	38	564.42	38	858.42	38	-108.09	42
303	-10	416	Max	0.00	-1345.77	38	-201.99	38	283.45	42	-688.18	38	1086.43	42	106.97	42
303	-10	416	Max	208.57	-1368.54	38	-201.99	38	-167.35	38	-1013.28	38	-880.04	38	106.97	42
303	-10	416	Min.	0.00	-1695.07	42	-224.29	42	253.95	38	-840.53	42	894.33	38	86.02	38
303	-10	416	Min.	208.57	-1717.84	42	-224.29	42	-184.34	42	-1165.63	42	-1005.69	42	86.02	38
303	416	-149	Max	12.47	-1123.57	38	-21.75	38	53.24	42	755.98	42	-432.48	38	9.65	42
303	416	-149	Max	174.93	-1141.30	38	-21.75	38	10.68	42	502.76	42	388.66	42	9.65	42
303	416	-149	Min.	12.47	-1483.24	42	-26.20	42	45.38	38	555.60	38	-633.79	42	6.63	38
303	416	-149	Min.	174.93	-1500.98	42	-26.20	42	10.05	38	302.38	38	264.44	38	6.63	38
303	-149	317	Max	0.00	-1198.85	38	-58.30	38	22.41	42	-495.33	38	388.87	42	8.83	42
303	-149	317	Max	163.46	-1216.70	38	-58.30	38	-74.81	38	-750.12	38	-753.11	38	8.83	42
303	-149	317	Min.	0.00	-1583.74	42	-65.80	42	20.49	38	-652.82	42	264.79	38	5.90	38
303	-149	317	Min.	163.46	-1601.58	42	-65.80	42	-85.15	42	-907.60	42	-886.46	42	5.90	38
303	317	-151	Max	12.47	-1080.73	38	-102.56	38	149.23	42	1327.95	42	-663.86	38	10.25	42
303	317	-151	Max	145.35	-1095.24	38	-102.56	38	3.23	42	1120.83	42	671.75	42	10.25	42
303	317	-151	Min.	12.47	-1502.45	42	-109.87	42	139.30	38	995.50	38	-955.29	42	5.59	38
303	317	-151	Min.	145.35	-1516.96	42	-109.87	42	3.02	38	788.37	38	521.40	38	5.59	38
303	-151	-152	Max	0.00	-1143.92	38	-45.62	38	17.73	42	165.20	42	671.50	42	9.23	42
303	-151	-152	Max	105.99					-34.03	42			759.05	42		
303	-151	-152	Max	142.35	-1159.46	38	-45.62	38	-48.22	38	-56.67	42	748.75	42	9.23	42
303	-151	-152	Min.	0.00	-1586.47	42	-48.84	42	16.72	38	126.19	38	521.33	38	4.63	38
303	-151	-152	Min.	80.96					-20.21	38			572.41	38		
303	-151	-152	Min.	142.35	-1602.00	42	-48.84	42	-51.79	42	-95.69	38	543.04	38	4.63	38
303	-152	118	Max	0.00	-1206.75	38	-120.49	38	-35.30	38	-751.49	38	748.54	42	8.27	42
303	-152	118	Max	129.88	-1220.93	38	-120.49	38	-191.80	38	-953.92	38	-564.53	38	8.27	42
303	-152	118	Min.	0.00	-1669.76	42	-128.09	42	-38.05	42	-1002.85	42	542.95	38	3.73	38
303	-152	118	Min.	129.88	-1683.94	42	-128.09	42	-204.41	42	-1205.29	42	-685.41	42	3.73	38
304	119	-129	Max	12.47	-2277.00	38	131.37	42	-201.19	38	1359.93	42	-570.72	38	-0.72	38
304	119	-129	Max	145.35	-2262.49	38	131.37	42	-39.12	38	1152.80	42	915.22	42	-0.72	38
304	119	-129	Min.	12.47	-2746.88	42	121.97	38	-215.81	42	1026.01	38	-754.31	42	-4.70	42
304	119	-129	Min.	145.35	-2732.37	42	121.97	38	-41.23	42	818.88	38	655.08	38	-4.70	42
304	-129	-130	Max	0.00	-2206.70	38	65.03	42	-54.05	38	1.29	38	915.18	42	-1.77	38
304	-129	-130	Max	0.83					-53.54	38			655.05	38		
304	-129	-130	Max	142.35	-2191.16	38	65.03	42	35.38	42	-220.58	38	725.00	42	-1.77	38
304	-129	-130	Min.	0.00	-2651.62	42	61.33	38	-57.19	42	-22.67	42	655.04	38	-5.81	42
304	-129	-130	Min.	0.83					-53.54	38			655.05	38		
304	-129	-130	Min.	142.35	-2636.08	42	61.33	38	33.25	38	-244.54	42	498.96	38	-5.81	42
304	-130	320	Max	0.00	-2135.93	38	90.85	42	17.94	42	-1030.30	38	724.98	42	-2.91	38
304	-130	320	Max	129.88	-2121.75	38	90.85	42	135.93	42	-1232.74	38	-970.67	38	-2.91	38
304	-130	320	Min.	0.00	-2556.15	42	84.28	38	16.95	38	-1408.40	42	498.93	38	-7.03	42
304	-130	320	Min.	129.88	-2541.97	42	84.28	38	126.41	38	-1610.84	42	-1235.70	42	-7.03	42
304	320	-137	Max	12.47	-2087.30	38	88.53	42	-112.80	38	908.44	42	-517.61	38	-0.20	38
304	320	-137	Max	175.93	-2069.46	38	88.53	42	22.16	42	653.65	42	455.01	42	-0.20	38
304	320	-137	Min.	12.47	-2576.45	42	81.37	38	-122.56	42	638.68	38	-821.68	42	-2.32	42
304	320	-137	Min.	175.93	-2558.61	42	81.37	38	20.21	38	383.90	38	318.14	38	-2.32	42
304	-137	421	Max	0.00	-2002.17	38	66.20	42	5.94	42	-598.92	38	455.02	42	-1.24	38
304	-137	421	Max	162.46	-1984.43	38	66.20	42	113.49	42	-852.14	38	-860.54	38	-1.24	38
304	-137	421	Min.	0.00	-2460.91	42	61.99	38	5.26	38	-765.60	42	318.14	38	-3.46	42
304	-137	421	Min.	162.46	-2443.18	42	61.99	38	105.96	38	-1018.82	42	-994.46	42	-3.46	42
304	421	-11	Max	12.47	-2149.36	38	148.18	42	-88.73	38	1425.23	42	-874.41	38	-48.94	38
304	421	-11	Max	221.04	-2126.59	38	148.18	42	207.12	42	1100.13	42	1477.62	42	-48.94	38
304	421	-11	Min.	12.47	-2702.66	42	130.71	38	-101.95	42	1150.14	38	-1155.96	42	-60.27	42
304	421	-11	Min.	221.04	-2679.90	42	130.71	38	183.90	38	825.05	38	1185.42	38	-60.27	42
304	-11	422	Max	0.00	-2128.85	38	-179.10	38	246.84	42	-929.09	38	1478.41	42	59.85	42
304	-11	422	Max	208.57	-2151.61	38	-179.10	38	-150.45	38	-1254.19	38	-1089.97	38	59.85	42
304	-11	422	Min.	0.00	-2679.14	42	-197.26	42	223.10	38	-1162.56	42	1186.87	38	49.05	38
304	-11	422	Min.	208.57	-2701.91	42	-197.26	42	-164.59	42	-1487.65	42	-1285.37	42	49.05	38
304	422	-140	Max	12.47	-1774.16	38	-35.07	38	69.42	42	907.41	42	-576.07	38	4.92	42
304	422	-140	Max	174.93	-1791.89	38	-35.07	38	4.69	42	654.19	42	444.50	42	4.92	42
304	422	-140	Min.	12.47	-2313.76	42	-39.84	42	61.17	38	665.77	38	-823.98	42	3.33	38
304	422	-140	Min.	174.93	-2331.49	42	-39.84	42	4.19	38	412.56	38	299.85	38	3.33	38
304	-140	323	Max	0.00	-1859.50	38	-58.88	38	18.12	42	-570.24	38	444.49	42	3.98	42
304	-140	323	Max	163												

304	-145	-146	Max	0.00	-1736.46	38	-65.44	38	31.50	42	173.18	42	814.48	42	8.60	42
304	-145	-146	Max	111.10					-45.97	42			910.69	42		
304	-145	-146	Max	142.35	-1752.00	38	-65.44	38	-63.44	38	-48.70	42	903.08	42	8.60	42
304	-145	-146	Min.	0.00	-2361.69	42	-69.72	42	29.71	38	130.39	38	624.46	38	6.04	38
304	-145	-146	Min.	83.65					-25.03	38			679.00	38		
304	-145	-146	Min.	142.35	-2377.23	42	-69.72	42	-67.75	42	-91.49	38	652.15	38	6.04	38
304	-146	124	Max	0.00	-1807.37	38	-100.94	38	-49.43	38	-901.20	38	903.12	42	7.55	42
304	-146	124	Max	129.88	-1821.55	38	-100.94	38	-180.52	38	-1103.64	38	-649.74	38	7.55	42
304	-146	124	Min.	0.00	-2457.31	42	-109.11	42	-52.74	42	-1212.55	42	652.18	38	5.06	38
304	-146	124	Min.	129.88	-2471.48	42	-109.11	42	-194.46	42	-1414.99	42	-803.18	42	5.06	38
305	125	-127	Max	12.47	-2718.97	38	109.74	42	-181.65	38	1561.01	42	-632.44	38	6.34	38
305	125	-127	Max	145.35	-2704.47	38	109.74	42	-46.60	38	1353.89	42	1060.90	42	6.34	38
305	125	-127	Min.	12.47	-3306.22	42	101.63	38	-194.63	42	1159.10	38	-875.84	42	5.98	34
305	125	-127	Min.	145.35	-3291.72	42	101.63	38	-48.81	42	951.97	38	770.22	38	5.98	34
305	-127	-128	Max	0.00	-2636.66	38	68.35	42	-59.90	38	-20.68	38	1060.36	42	5.41	38
305	-127	-128	Max	142.35	-2621.12	38	68.35	42	34.29	42	-242.56	38	844.00	42	5.41	38
305	-127	-128	Min.	0.00	-3194.38	42	64.95	38	-63.01	42	-41.05	42	769.86	38	5.00	34
305	-127	-128	Min.	142.35	-3178.84	42	64.95	38	32.56	38	-262.93	42	582.51	38	5.00	34
305	-128	326	Max	0.00	-2553.98	38	72.30	42	18.49	42	-1205.92	38	844.49	42	4.37	38
305	-128	326	Max	129.88	-2539.80	38	72.30	42	112.39	42	-1408.36	38	-1114.82	38	4.37	38
305	-128	326	Min.	0.00	-3082.48	42	68.11	38	17.72	38	-1644.17	42	582.88	38	3.91	34
305	-128	326	Min.	129.88	-3068.31	42	68.11	38	106.18	38	-1846.61	42	-1422.40	42	3.91	34
305	326	-136	Max	12.47	-2473.47	38	68.28	42	-85.66	38	1031.28	42	-602.78	38	1.83	38
305	326	-136	Max	175.93	-2455.62	38	68.28	42	20.82	42	776.50	42	529.59	42	1.83	38
305	326	-136	Min.	12.47	-3076.37	42	64.05	38	-90.79	42	720.15	38	-947.91	42	-0.21	42
305	326	-136	Min.	175.93	-3058.52	42	64.05	38	19.03	38	465.37	38	366.14	38	-0.21	42
305	-136	427	Max	0.00	-2374.54	38	45.85	42	8.04	42	-702.27	38	529.48	42	0.98	38
305	-136	427	Max	162.46	-2356.81	38	45.85	42	82.53	42	-955.49	38	-980.56	38	0.98	38
305	-136	427	Min.	0.00	-2941.53	42	45.21	38	6.96	38	-906.14	42	366.01	38	-1.11	42
305	-136	427	Min.	162.46	-2923.79	42	45.21	38	80.41	38	-1159.36	42	-1148.30	42	-1.11	42
305	427	-12	Max	12.47	-2536.78	38	101.84	42	-48.95	38	1677.28	42	-1045.75	38	-37.24	38
305	427	-12	Max	221.04	-2514.01	38	101.84	42	158.45	42	1352.18	42	1778.89	42	-37.24	38
305	427	-12	Min.	12.47	-3211.08	42	92.55	38	-53.97	42	1347.46	38	-1380.39	42	-44.70	42
305	427	-12	Min.	221.04	-3188.31	42	92.55	38	144.08	38	1022.36	38	1425.62	38	-44.70	42
305	-12	428	Max	0.00	-2521.95	38	-134.83	38	192.56	42	-1132.38	38	1777.66	42	44.24	42
305	-12	428	Max	208.57	-2544.72	38	-134.83	38	-103.74	38	-1457.47	38	-1277.30	38	44.24	42
305	-12	428	Min.	0.00	-3193.31	42	-145.04	42	177.47	38	-1418.28	42	1423.53	38	37.34	38
305	-12	428	Min.	208.57	-3216.08	42	-145.04	42	-109.94	42	-1743.37	42	-1519.48	42	37.34	38
305	428	-139	Max	12.47	-2143.80	38	-21.73	38	42.40	42	1043.24	42	-679.51	38	3.04	42
305	428	-139	Max	174.93	-2161.53	38	-21.73	38	4.73	42	790.02	42	520.88	42	3.04	42
305	428	-139	Min.	12.47	-2796.45	42	-23.19	42	39.26	38	760.83	38	-968.26	42	1.81	38
305	428	-139	Min.	174.93	-2814.19	42	-23.19	42	3.95	38	507.61	38	350.83	38	1.81	38
305	-139	329	Max	0.00	-2242.62	38	-42.35	38	15.03	42	-660.03	38	520.94	42	2.32	42
305	-139	329	Max	163.46	-2260.46	38	-42.35	38	-55.77	38	-914.81	38	-936.25	38	2.32	42
305	-139	329	Min.	0.00	-2931.20	42	-46.93	42	13.45	38	-892.61	42	350.87	38	1.15	38
305	-139	329	Min.	163.46	-2949.05	42	-46.93	42	-61.69	42	-1147.39	42	-1146.36	42	1.15	38
305	329	-143	Max	12.47	-2062.65	38	-73.02	38	120.08	42	1772.28	42	-878.73	38	-1.69	38
305	329	-143	Max	145.35	-2077.15	38	-73.02	38	15.94	42	1565.15	42	938.54	42	-1.69	38
305	329	-143	Min.	12.47	-2782.56	42	-78.37	42	112.68	38	1300.97	38	-1278.95	42	-2.24	34
305	329	-143	Min.	145.35	-2797.07	42	-78.37	42	15.64	38	1093.85	38	712.46	38	-2.24	34
305	-143	-144	Max	0.00	-2144.89	38	-65.72	38	31.52	42	170.21	42	938.05	42	-2.71	38
305	-143	-144	Max	109.20					-44.45	42			1030.99	42		
305	-143	-144	Max	142.35	-2160.43	38	-65.72	38	-63.37	38	-51.66	42	1022.43	42	-2.71	38
305	-143	-144	Min.	0.00	-2894.34	42	-69.57	42	30.18	38	121.20	38	712.09	38	-3.33	42
305	-143	-144	Min.	77.76					-20.92	38			759.21	38		
305	-143	-144	Min.	142.35	-2909.88	42	-69.57	42	-67.51	42	-100.68	38	726.70	38	-3.33	42
305	-144	130	Max	0.00	-2227.60	38	-91.80	38	-50.76	38	-1064.04	38	1023.00	42	-3.59	38
305	-144	130	Max	129.88	-2241.78	38	-91.80	38	-169.99	38	-1266.48	38	-786.34	38	-3.59	38
305	-144	130	Min.	0.00	-3006.28	42	-98.84	42	-54.03	42	-1432.90	42	727.08	38	-4.28	42
305	-144	130	Min.	129.88	-3020.46	42	-98.84	42	-182.40	42	-1635.34	42	-969.49	42	-4.28	42
306	231	-125	Max	12.47	-1518.81	34	49.03	38	-122.61	38	891.63	42	-263.62	38	69.13	42
306	231	-125	Max	145.35	-1504.30	34	49.03	38	-57.45	38	684.50	42	618.72	42	69.13	42
306	231	-125	Min.	12.47	-1569.49	38	47.00	42	-123.77	42	669.09	38	-428.50	42	55.06	38
306	231	-125	Min.	145.35	-1554.98	38	47.00	42	-61.31	42	461.96	38	487.88	38	55.06	38
306	-125	-126	Max	0.00	-1460.57	34	67.11	42	-63.23	38	-9.07	34	619.14	42	68.70	42
306	-125	-126	Max	142.35	-1445.03	34	67.11	42	28.14	42	-230.95	34	442.56	42	68.70	42
306	-125	-126	Min.	0.00	-1522.98	38	63.76	38	-67.39	42	-24.49	38	488.14	38	54.65	38
306	-125	-126	Min.	142.35	-1507.44	38	63.76	38	27.53	38	-246.37	38	295.36	38	54.65	38
306	-126	332	Max	0.00	-1402.00	34	32.57	42	21.34	42	-728.20	38	442.19	42	68.23	42
306	-126	332	Max	129.88	-1387.82	34	32.57	42	63.65	42	-930.64	38	-782.15	38	68.23	42
306	-126	332	Min.	0.00	-1476.02	38	31.23	38	21.03	38	-925.76	42	295.09	38	54.20	38
306	-126	332	Min.	129.88	-1461.84	38	31.23	38	61.59	38	-1128.20	42	-891.64	42	54.20	38
306	332	-135	Max	12.47	-1175.55	38	19.20	38	-27.92	42	566.68	42	-156.17	38	70.52	42
306	332	-135	Max	175.93	-1157.70	38	19.20	38	1.36	38	311.90	42	306.01	42	70.52	42
306	332	-135	Min.	12.47	-1274.90	42	16.69	42	-30.03	38	361.73	38	-412.06	42	57.17	38
306	332	-135	Min.	175.93	-1257.05	42	16.69	42	-0.65	42	106.94	38	226.87	38	57.17	38
306	-135	433	Max	0.00	-1118.46	38	59.84	42	-3.02	38	-476.96	38	306.12	42	70.22	42
306	-135	433	Max	162.46	-1100.72	38	59.84	42	92.19	42	-730.18	38	-738.37	34	70.22	42
306	-135	433	Min.	0.00	-1199.81	42	53.11	38	-5.02	42	-529.51	42	227.00	38	56.86	38
306	-135	433	Min.	162.46	-1182.07	42	53.11	38	83.26	38	-782.73	42	-759.79	42	56.86	38
306	433	-13	Max	12.47	-982.42	38	-49.10	38	59.27	42	825.11	42	-411.73	38	236.07	42
306	433	-13	Max	221.04	-959.65	38	-49.10	38	-57.94	38	500.01	42	778.44	42	236.07	42
306	433	-13	Min.	12.47	-1187.34	42	-74.65	42	44.47	38	663.33					

306	434	-138	Min.	12.47	-873.30	42	-38.68	42	43.66	38	411.90	38	-463.66	42	-65.02	42
306	434	-138	Min.	174.93	-891.03	42	-38.68	42	-9.09	42	158.68	38	204.79	38	-65.02	42
306	-138	335	Max	0.00	-648.90	38	1.60	42	-3.65	38	-425.20	38	292.99	42	-50.15	38
306	-138	335	Max	163.46	-666.74	38	1.60	42	-3.32	42	-679.98	38	-698.51	38	-50.15	38
306	-138	335	Min.	0.00	-948.69	42	-0.59	38	-5.93	42	-502.20	42	204.76	38	-65.24	42
306	-138	335	Min.	163.46	-966.53	42	-0.59	38	-4.61	38	-756.99	42	-736.15	42	-65.24	42
306	335	-141	Max	12.47	-310.75	38	-37.57	38	72.92	42	1004.93	42	-382.32	38	-50.28	38
306	335	-141	Max	145.35	-325.25	38	-37.57	38	19.53	38	797.81	42	546.30	42	-50.28	38
306	335	-141	Min.	12.47	-735.31	42	-40.24	42	69.46	38	732.82	38	-651.49	42	-66.28	42
306	335	-141	Min.	145.35	-749.81	42	-40.24	42	19.45	42	525.69	38	453.88	38	-66.28	42
306	-141	-142	Max	0.00	-357.08	38	-63.97	38	26.07	42	100.18	42	546.69	42	-50.72	38
306	-141	-142	Max	64.27					-17.36	42			578.89	42		
306	-141	-142	Max	142.35	-372.62	38	-63.97	38	-65.27	38	-121.69	42	531.38	42	-50.72	38
306	-141	-142	Min.	0.00	-796.28	42	-67.56	42	25.79	38	39.23	38	454.18	38	-66.74	42
306	-141	-142	Min.	25.17					9.69	38			459.12	38		
306	-141	-142	Min.	142.35	-811.82	42	-67.56	42	-70.10	42	-182.65	38	352.10	38	-66.74	42
306	-142	136	Max	0.00	-404.41	38	-36.51	42	-59.84	38	-664.46	38	530.94	42	-51.10	38
306	-142	136	Max	129.88	-418.58	38	-36.51	42	-109.27	38	-866.89	38	-633.84	34	-51.10	38
306	-142	136	Min.	0.00	-858.12	42	-38.06	38	-64.37	42	-812.44	42	351.81	38	-67.14	42
306	-142	136	Min.	129.88	-872.30	42	-38.06	38	-111.79	42	-1014.88	42	-655.71	42	-67.14	42
308	-133	-131	Max	0.00	225.31	42	-1.69	38	1.85	42	479.07	42	0.00	34	-0.36	42
308	-133	-131	Max	205.00					-1.75	42			491.05	42		
308	-133	-131	Max	410.00	225.31	42	-1.69	38	-5.10	38	-331.98	38	0.00	34	-0.36	42
308	-133	-131	Min.	0.00	211.76	38	-1.76	42	1.82	38	331.98	38	0.00	34	-0.52	38
308	-133	-131	Min.	205.00					-1.64	38			340.28	38		
308	-133	-131	Min.	410.00	211.76	38	-1.76	42	-5.35	42	-479.07	42	0.00	38	-0.52	38
308	-131	-129	Max	0.00	87.62	42	-3.85	38	8.41	42	479.07	42	0.00	34	0.17	42
308	-131	-129	Max	205.00					-0.01	42			491.05	42		
308	-131	-129	Max	410.00	87.62	42	-3.85	38	-7.89	38	-331.98	38	0.00	34	0.17	42
308	-131	-129	Min.	0.00	82.60	38	-4.10	42	7.88	38	331.98	38	0.00	34	0.13	38
308	-131	-129	Min.	205.00									340.28	38		
308	-131	-129	Min.	410.00	82.60	38	-4.10	42	-8.42	42	-479.07	42	0.00	38	0.13	38
308	-129	-127	Max	0.00	21.95	38	-2.38	38	7.58	42	699.17	42	0.00	34	0.13	42
308	-129	-127	Max	295.00					0.08	42			1031.27	42		
308	-129	-127	Max	590.00	21.95	38	-2.38	38	-6.94	38	-487.50	38	0.00	38	0.13	42
308	-129	-127	Min.	0.00	21.27	42	-2.54	42	7.08	38	487.50	38	0.00	34	0.09	38
308	-129	-127	Min.	295.00					0.07	38			719.07	38		
308	-129	-127	Min.	590.00	21.27	42	-2.54	42	-7.41	42	-699.17	42	0.00	34	0.09	38
308	-127	-125	Max	0.00	-14.72	38	-2.07	38	6.82	42	699.17	42	0.00	34	-0.26	38
308	-127	-125	Max	295.00					0.37	42			1031.27	42		
308	-127	-125	Max	590.00	-14.72	38	-2.07	38	-5.79	38	-487.50	38	0.00	42	-0.26	38
308	-127	-125	Min.	0.00	-20.11	42	-2.19	42	6.39	38	487.50	38	0.00	34	-0.42	42
308	-127	-125	Min.	295.00					0.30	38			719.07	38		
308	-127	-125	Min.	590.00	-20.11	42	-2.19	42	-6.09	42	-699.17	42	0.00	38	-0.42	42
309	-134	-132	Max	0.00	-57.54	38	-2.22	34	3.38	38	474.30	42	0.00	34	-0.78	34
309	-134	-132	Max	205.00					-1.29	42			486.16	42		
309	-134	-132	Max	410.00	-57.54	38	-2.22	34	-5.76	38	-328.75	38	0.00	42	-0.78	34
309	-134	-132	Min.	0.00	-62.66	42	-2.23	38	3.27	42	328.75	38	0.00	34	-0.80	42
309	-134	-132	Min.	205.00					-1.19	38			336.97	38		
309	-134	-132	Min.	410.00	-62.66	42	-2.23	38	-5.85	42	-474.30	42	0.00	38	-0.80	42
309	-132	-130	Max	0.00	6.42	38	-4.11	38	8.95	42	474.30	42	0.00	34	-0.06	38
309	-132	-130	Max	205.00					-0.08	42			486.16	42		
309	-132	-130	Max	410.00	6.42	38	-4.11	38	-8.50	38	-328.75	38	0.00	42	-0.06	38
309	-132	-130	Min.	0.00	4.77	42	-4.40	42	8.36	38	328.75	38	0.00	34	-0.10	42
309	-132	-130	Min.	205.00					-0.07	38			336.97	38		
309	-132	-130	Min.	410.00	4.77	42	-4.40	42	-9.10	42	-474.30	42	0.00	38	-0.10	42
309	-130	-128	Max	0.00	30.59	42	-2.64	38	8.38	42	692.30	42	0.00	34	-0.10	38
309	-130	-128	Max	295.00					0.06	42			1021.14	42		
309	-130	-128	Max	590.00	30.59	42	-2.64	38	-7.74	38	-482.85	38	0.00	38	-0.10	38
309	-130	-128	Min.	0.00	29.38	38	-2.82	42	7.83	38	482.85	38	0.00	34	-0.12	42
309	-130	-128	Min.	295.00					0.04	38			712.20	38		
309	-130	-128	Min.	590.00	29.38	38	-2.82	42	-8.26	42	-692.30	42	0.00	34	-0.12	42
309	-128	-126	Max	0.00	34.53	42	-2.31	38	7.58	42	692.30	42	0.00	34	0.37	42
309	-128	-126	Max	295.00					0.38	42			1021.14	42		
309	-128	-126	Max	590.00	34.53	42	-2.31	38	-6.51	38	-482.85	38	0.00	42	0.37	42
309	-128	-126	Min.	0.00	32.53	38	-2.44	42	7.13	38	482.85	38	0.00	34	0.27	38
309	-128	-126	Min.	295.00					0.31	38			712.21	38		
309	-128	-126	Min.	590.00	32.53	38	-2.44	42	-6.81	42	-692.30	42	0.00	38	0.27	38
310	308	314	Max	0.00	119.93	34	-34.08	38	42.41	38	800.10	42	0.00	38	-31.11	34
310	308	314	Max	198.75					-27.35	42			795.10	42		
310	308	314	Max	397.50	119.93	34	-34.08	38	-93.05	38	-642.34	38	0.00	38	-31.11	34
310	308	314	Min.	0.00	116.05	38	-35.00	42	41.97	34	642.34	38	0.00	34	-33.58	38
310	308	314	Min.	198.75					-25.32	38			638.33	38		
310	308	314	Min.	397.50	116.05	38	-35.00	42	-96.91	42	-800.10	42	0.00	42	-33.58	38
310	314	320	Max	12.50	6.13	38	-69.65	38	146.06	42	694.79	42	-284.22	38	-7.37	38
310	314	320	Max	185.09					15.24	42			255.88	42		
310	314	320	Max	397.50	6.13	38	-69.65	38	-134.08	38	-682.54	38	-516.77	38	-7.37	38
310	314	320	Min.	12.50	-10.37	42	-75.80	42	134.09	38	561.74	38	-343.70	42	-10.10	42
310	314	320	Min.	186.31					13.03	38			203.96	38		
310	314	320	Min.	397.50	-10.37	42	-75.80	42	-145.77	42	-855.08	42	-652.26	42	-10.10	42
310	320	326	Max	12.50	-101.79	38	-33.50	38	101.07	42	1117.55	42	-790.50	38	-3.68	38
310	320	326	Max	290.11					0.68	42			570.82	42		
310	320	326	Max	577.50	-101.79	38	-33.50	38	-95.72	38	-927.92	38	-874.72	38	-3.68	38
310	320	326	Min.	12.50	-138.13	42	-36.17	42	93.54	38	898.11	38	-980.37	42	-4.96	42
310	320	326	Min.	290.39					0.45	38			457.37	38		
310	320	326	Min.	577.50	-138.13	42	-36.17	42	-103.26	42	-1156.95	42	-1091.67	42	-4.96	42
310	326	332	Max	12.50	-173.43	38	-28.72	38	88.75	42	1266.02	42	-1042.42	38	21.91	42
310	326	332	Max	326.99					-4.35	42			710.98	42		
310	326	332	Max	577.50	-173.43	38	-28.72	38	-77.51	38	-804.47	38	-429.14	38	21.91	42
310	326	332	Min.	12.50	-218.93	42	-29.60	42	84.74	38	1021.56	38	-1279.77	42	19.73	38

310	326	332	Min.	328.59					-6.03	38			572.08	38		
310	326	332	Min.	577.50	-218.93	42	-29.60	42	-78.51	42	-1008.47	42	-552.19	42	19.73	38
311	-148	-147	Max	0.00	31.87	38	-2.42	38	4.07	42	579.27	42	0.00	34	-0.26	34
311	-148	-147	Max	205.00					-1.24	42			593.75	42		
311	-148	-147	Max	410.00	31.87	38	-2.42	38	-6.09	38	-399.89	38	0.00	38	-0.26	34
311	-148	-147	Min.	0.00	31.66	42	-2.59	42	3.81	38	399.89	38	0.00	34	-0.39	38
311	-148	-147	Min.	205.00					-1.14	38			409.89	38		
311	-148	-147	Min.	410.00	31.66	42	-2.59	42	-6.56	42	-579.27	42	0.00	34	-0.39	38
311	-147	-137	Max	0.00	4.31	38	-3.88	38	8.62	42	579.27	42	0.00	34	0.00	42
311	-147	-137	Max	205.00					-0.02	42			593.75	42		
311	-147	-137	Max	410.00	4.31	38	-3.88	38	-7.97	38	-399.89	38	0.00	34	0.00	42
311	-147	-137	Min.	0.00	1.61	42	-4.22	42	7.92	38	399.89	38	0.00	34	0.00	38
311	-147	-137	Min.	205.00					-0.02	38			409.89	38		
311	-147	-137	Min.	410.00	1.61	42	-4.22	42	-8.67	42	-579.27	42	0.00	34	0.00	38
311	-137	-136	Max	0.00	-15.07	38	-2.34	38	7.59	42	843.35	42	0.00	34	0.00	42
311	-137	-136	Max	295.00					0.15	42			1243.94	42		
311	-137	-136	Max	590.00	-15.07	38	-2.34	38	-6.78	38	-585.22	38	0.00	38	0.00	42
311	-137	-136	Min.	0.00	-20.72	42	-2.52	42	7.02	38	585.22	38	0.00	34	0.00	38
311	-137	-136	Min.	295.00					0.12	38			863.20	38		
311	-137	-136	Min.	590.00	-20.72	42	-2.52	42	-7.29	42	-843.35	42	0.00	42	0.00	38
311	-136	-135	Max	0.00	-33.91	38	-1.65	38	5.52	42	843.35	42	0.00	34	-0.11	34
311	-136	-135	Max	295.00					0.57	42			1243.94	42		
311	-136	-135	Max	590.00	-33.91	38	-1.65	38	-4.38	34	-585.22	38	0.00	42	-0.11	34
311	-136	-135	Min.	0.00	-43.15	42	-1.68	42	5.32	38	585.22	38	0.00	34	-0.13	38
311	-136	-135	Min.	295.00					0.46	38			863.20	38		
311	-136	-135	Min.	590.00	-43.15	42	-1.68	42	-4.39	38	-843.35	42	0.00	38	-0.13	38
312	409	415	Max	0.00	118.27	38	-20.66	38	14.11	42	919.60	42	0.00	38	37.24	42
312	409	415	Max	198.75					-33.79	42			913.85	42		
312	409	415	Max	397.50	118.27	38	-20.66	38	-72.07	38	-723.33	38	0.00	38	37.24	42
312	409	415	Min.	0.00	103.77	42	-24.11	42	10.05	38	723.33	38	0.00	42	24.40	38
312	409	415	Min.	198.75					-31.01	38			718.81	38		
312	409	415	Min.	397.50	103.77	42	-24.11	42	-81.70	42	-919.60	42	0.00	42	24.40	38
312	415	421	Max	12.50	62.88	38	-61.59	38	133.89	42	798.86	42	-329.10	38	20.85	42
312	415	421	Max	185.16					15.06	42			300.16	42		
312	415	421	Max	397.50	62.88	38	-61.59	38	-117.42	38	-762.00	38	-565.55	38	20.85	42
312	415	421	Min.	12.50	41.41	42	-68.83	42	119.72	38	639.17	38	-389.48	42	16.85	38
312	415	421	Min.	188.12					11.54	38			232.17	38		
312	415	421	Min.	397.50	41.41	42	-68.83	42	-131.10	42	-982.50	42	-742.98	42	16.85	38
312	421	427	Max	12.50	-13.75	38	-27.91	38	86.75	42	1285.43	42	-901.13	38	8.46	42
312	421	427	Max	290.32					0.74	42			654.14	42		
312	421	427	Max	577.50	-13.75	38	-27.91	38	-79.48	38	-1041.27	38	-975.35	38	8.46	42
312	421	427	Min.	12.50	-44.45	42	-30.96	42	78.22	38	1014.99	38	-1131.42	42	7.44	38
312	421	427	Min.	291.39					0.37	38			514.23	38		
312	421	427	Min.	577.50	-44.45	42	-30.96	42	-88.17	42	-1328.77	42	-1253.86	42	7.44	38
312	427	433	Max	12.50	-75.45	38	-11.67	42	48.88	38	1486.23	42	-1214.39	38	-20.36	38
312	427	433	Max	333.71					10.64	42			867.20	42		
312	427	433	Max	577.50	-75.45	38	-11.67	42	-17.80	42	-879.91	38	-376.96	38	-20.36	38
312	427	433	Min.	12.50	-109.92	42	-13.18	38	48.12	42	1176.35	38	-1519.81	42	-26.80	42
312	427	433	Min.	335.73					6.27	38			686.74	38		
312	427	433	Min.	577.50	-109.92	42	-13.18	38	-25.59	38	-1127.96	42	-507.70	42	-26.80	42
313	-9	-10	Max	0.00	858.79	42	19.83	34	-44.52	38	1021.67	42	0.00	34	-20.91	42
313	-9	-10	Max	205.00					-4.89	42			1047.21	42		
313	-9	-10	Max	410.00	858.79	42	19.83	34	35.76	34	-795.66	38	0.00	38	-20.91	42
313	-9	-10	Min.	0.00	810.85	38	19.34	38	-45.56	34	795.66	38	0.00	34	-37.87	38
313	-9	-10	Min.	205.00					-4.86	38			815.55	38		
313	-9	-10	Min.	410.00	810.85	38	19.34	38	34.79	38	-1021.67	42	0.00	42	-37.87	38
313	-10	-11	Max	0.00	474.19	42	10.81	42	-21.16	38	820.04	42	-203.41	38	-1.10	34
313	-10	-11	Max	164.54					-3.69	42			424.51	42		
313	-10	-11	Max	410.00	474.19	42	10.81	42	22.84	42	-949.38	38	-833.69	38	-1.10	34
313	-10	-11	Min.	0.00	469.36	38	10.65	38	-21.48	42	641.93	38	-250.14	42	-1.96	38
313	-10	-11	Min.	165.39					-3.55	38			327.45	38		
313	-10	-11	Min.	410.00	469.36	38	10.65	38	22.50	38	-1223.30	42	-1076.84	42	-1.96	38
313	-11	-41	Max	0.00	159.55	38	5.69	42	-16.61	38	1408.27	42	-959.87	38	-0.31	42
313	-11	-41	Max	176.67	159.55	38	5.69	42	-6.67	38	527.80	42	481.82	42	-0.31	42
313	-11	-41	Min.	0.00	128.75	42	5.63	38	-16.82	42	1097.77	38	-1228.38	42	-0.51	38
313	-11	-41	Min.	176.67	128.75	42	5.63	38	-6.76	42	412.08	38	373.84	38	-0.51	38
313	-41	-42	Max	0.00	159.55	38	5.69	42	-6.67	38	527.79	42	481.83	42	-0.31	42
313	-41	-42	Max	105.90					-0.73	42			761.30	42		
313	-41	-42	Max	191.67	159.55	38	5.69	42	4.15	42	-331.83	38	578.01	42	-0.31	42
313	-41	-42	Min.	0.00	128.75	42	5.63	38	-6.76	42	412.07	38	373.85	38	-0.51	38
313	-41	-42	Min.	106.17					-0.70	38			592.60	38		
313	-41	-42	Min.	191.67	128.75	42	5.63	38	4.11	38	-427.43	42	450.74	38	-0.51	38
313	-42	-12	Max	0.00	159.55	38	5.69	42	4.15	42	-331.81	38	578.03	42	-0.31	42
313	-42	-12	Max	221.67	159.55	38	5.69	42	16.77	42	-1192.16	38	-1238.30	38	-0.31	42
313	-42	-12	Min.	0.00	128.75	42	5.63	38	4.11	38	-427.40	42	450.77	38	-0.51	38
313	-42	-12	Min.	221.67	128.75	42	5.63	38	16.58	38	-1532.13	42	-1593.78	42	-0.51	38
313	-12	-43	Max	0.00	-67.83	38	6.06	42	-16.72	38	1677.39	42	-1335.20	38	-1.55	42
313	-12	-43	Max	161.67	-67.83	38	6.06	42	-7.24	38	871.68	42	353.43	42	-1.55	42
313	-12	-43	Min.	0.00	-118.13	42	5.86	38	-17.29	42	1309.14	38	-1707.08	42	-2.61	38
313	-12	-43	Min.	161.67	-118.13	42	5.86	38	-7.49	42	681.67	38	274.04	38	-2.61	38
313	-43	-44	Max	0.00	-67.83	38	6.06	42	-7.24	38	871.67	42	353.46	42	-1.55	42
313	-43	-44	Max	174.90					3.11	42			1115.74	42		
313	-43	-44	Max	191.67	-67.83	38	6.06	42	4.12	42	-62.25	38	1108.73	42	-1.55	42
313	-43	-44	Min.	0.00	-118.13	42	5.86	38	-7.49	42	681.66	38	274.06	38	-2.61	38
313	-43	-44	Min.	175.63					3.06	38			872.65	38		
313	-43	-44	Min.	191.67	-118.13	42	5.86	38	4.00	38	-83.55	42	867.66	38	-2.61	38
313	-44	-13	Max	0.00	-67.83	38	6.06	42	4.12	42	-62.23	38	1108.74	42	-1.55	42
313	-44	-13	Max	236.67	-67.83	38	6.06	42	18.47	42	-980.79	38	-366.57	38	-1.55	42
313	-44	-13	Min.	0.00	-118.13	42	5.86	38	4.00	38	-83.52	42	867.66	38	-2.61	38
313	-44	-13	Min.	236.67	-118.13	42	5.86	38	17.88	38	-1263.01	42	-484.65	42	-2.61	38

314	410	416	Max	0.00	-186.48	38	35.25	42	-32.76	38	919.60	42	0.00	38	-45.29	34
314	410	416	Max	198.75					30.99	42			913.85	42		
314	410	416	Max	397.50	-186.48	38	35.25	42	101.06	42	-723.33	38	0.00	34	-45.29	34
314	410	416	Min.	0.00	-208.92	42	30.77	38	-39.08	42	723.33	38	0.00	42	-48.93	38
314	410	416	Min.	198.75					28.40	38			718.81	38		
314	410	416	Min.	397.50	-208.92	42	30.77	38	89.55	38	-919.60	42	0.00	42	-48.93	38
314	416	422	Max	12.50	-143.52	38	74.82	42	-130.93	38	795.27	42	-324.76	38	-16.00	38
314	416	422	Max	184.38					-16.43	42			301.38	42		
314	416	422	Max	397.50	-143.52	38	74.82	42	143.02	42	-764.16	38	-569.53	38	-16.00	38
314	416	422	Min.	12.50	-170.76	42	67.58	38	-145.03	42	637.01	38	-382.07	42	-20.14	42
314	416	422	Min.	187.53					-12.64	38			232.72	38		
314	416	422	Min.	397.50	-170.76	42			129.27	38	-986.09	42	-749.40	42	-20.14	42
314	422	428	Max	12.50	-141.18	38	34.20	42	-87.10	38	1284.19	42	-899.49	38	-6.04	38
314	422	428	Max	290.05					-0.81	42			654.20	42		
314	422	428	Max	577.50	-141.18	38	34.20	42	97.49	42	-1041.84	38	-976.97	38	-6.04	38
314	422	428	Min.	12.50	-175.65	42	31.13	38	-95.72	42	1014.41	38	-1127.92	42	-7.64	42
314	422	428	Min.	291.23					-0.33	38			514.26	38		
314	422	428	Min.	577.50	-175.65	42	31.13	38	88.78	38	-1330.01	42	-1257.37	42	-7.64	42
314	428	434	Max	12.50	-133.86	38	16.04	38	-56.83	38	1484.18	42	-1211.78	38	32.57	42
314	428	434	Max	333.27					-9.34	42			865.74	42		
314	428	434	Max	577.50	-133.86	38	16.04	38	33.81	38	-880.92	38	-380.04	38	32.57	42
314	428	434	Min.	12.50	-170.18	42	14.81	42	-56.92	34	1175.34	38	-1514.69	42	30.05	38
314	428	434	Min.	335.45					-5.02	38			686.09	38		
314	428	434	Min.	577.50	-170.18	42	14.81	42	26.82	42	-1130.01	42	-514.15	42	30.05	38
315	-150	-149	Max	0.00	50.53	38	1.64	42	-1.73	38	579.27	42	0.00	34	-0.21	34
315	-150	-149	Max	205.00					1.31	42			593.75	42		
315	-150	-149	Max	410.00	50.53	38	1.64	42	4.68	42	-399.89	38	0.00	34	-0.21	34
315	-150	-149	Min.	0.00	49.67	42	1.43	38	-2.06	42	399.89	38	0.00	34	-0.35	38
315	-150	-149	Min.	205.00					1.20	38			409.89	38		
315	-150	-149	Min.	410.00	49.67	42	1.43	38	4.13	38	-579.27	42	0.00	34	-0.35	38
315	-149	-140	Max	0.00	13.98	38	3.47	42	-6.33	38	579.27	42	0.00	34	-0.00	38
315	-149	-140	Max	205.00					0.05	42			593.75	42		
315	-149	-140	Max	410.00	13.98	38	3.47	42	7.17	42	-399.89	38	0.00	34	-0.00	38
315	-149	-140	Min.	0.00	10.06	42	3.11	38	-7.08	42	399.89	38	0.00	34	-0.00	42
315	-149	-140	Min.	205.00					0.05	38			409.89	38		
315	-149	-140	Min.	410.00	10.06	42	3.11	38	6.42	38	-579.26	42	0.00	38	-0.00	42
315	-140	-139	Max	0.00	-9.83	38	2.09	42	-5.69	38	843.35	42	0.00	34	-0.01	34
315	-140	-139	Max	295.00					-0.13	42			1243.94	42		
315	-140	-139	Max	590.00	-9.83	38	2.09	42	6.03	42	-585.22	38	0.00	38	-0.01	34
315	-140	-139	Min.	0.00	-16.53	42	1.90	38	-6.29	42	585.22	38	0.00	34	-0.01	38
315	-140	-139	Min.	295.00					-0.10	38			863.20	38		
315	-140	-139	Min.	590.00	-16.53	42	1.90	38	5.49	38	-843.35	42	0.00	42	-0.01	38
315	-139	-138	Max	0.00	-30.45	38	1.26	42	-4.03	38	843.35	42	0.00	34	0.05	42
315	-139	-138	Max	295.00					-0.56	42			1243.94	42		
315	-139	-138	Max	590.00	-30.45	38	1.26	42	3.16	42	-585.22	38	0.00	42	0.05	42
315	-139	-138	Min.	0.00	-40.27	42	1.21	38	-4.29	42	585.22	38	0.00	34	0.03	38
315	-139	-138	Min.	295.00					-0.46	38			863.20	38		
315	-139	-138	Min.	590.00	-40.27	42	1.21	38	3.11	38	-843.35	42	0.00	38	0.03	38
316	311	317	Max	0.00	277.11	38	34.60	42	-43.67	38	804.72	42	0.00	38	18.61	42
316	311	317	Max	198.75					21.50	42			799.70	42		
316	311	317	Max	397.50	277.11	38	34.60	42	90.26	42	-645.48	38	0.00	34	18.61	42
316	311	317	Min.	0.00	259.22	42	31.96	38	-47.26	42	645.48	38	0.00	34	7.10	38
316	311	317	Min.	198.75					19.85	38			641.44	38		
316	311	317	Min.	397.50	259.22	42	31.96	38	83.37	38	-804.72	42	0.00	42	7.10	38
316	317	323	Max	12.50	125.60	38	70.75	42	-124.89	38	702.83	42	-303.50	38	10.24	42
316	317	323	Max	186.09					-13.79	42			256.13	42		
316	317	323	Max	397.50	125.60	38	70.75	42	135.79	42	-677.18	38	-503.71	38	10.24	42
316	317	323	Min.	12.50	93.24	42	64.69	38	-136.59	42	573.17	38	-353.87	42	7.54	38
316	317	323	Min.	188.99					-10.72	38			202.29	38		
316	317	323	Min.	397.50	93.24	42	64.69	38	124.16	38	-856.00	42	-648.73	42	7.54	38
316	323	329	Max	12.50	-25.52	38	33.34	42	-85.77	38	1125.75	42	-804.38	38	5.06	42
316	323	329	Max	290.54					-0.65	42			574.26	42		
316	323	329	Max	577.50	-25.52	38	33.34	42	95.03	42	-928.73	38	-867.99	38	5.06	42
316	323	329	Min.	12.50	-72.44	42	30.66	38	-93.36	42	906.21	38	-990.75	42	3.89	38
316	323	329	Min.	291.53					-0.22	38			459.93	38		
316	323	329	Min.	577.50	-72.44	42	30.66	38	87.46	38	-1161.89	42	-1092.84	42	3.89	38
316	329	335	Max	12.50	-134.44	38	25.84	42	-74.25	38	1275.08	42	-1056.77	38	-7.09	38
316	329	335	Max	327.42					2.76	42			716.88	42		
316	329	335	Max	577.50	-134.44	38	25.84	42	67.39	42	-804.16	38	-416.60	38	-7.09	38
316	329	335	Min.	12.50	-186.13	42	24.80	38	-78.62	42	1030.77	38	-1290.84	42	-14.27	42
316	329	335	Min.	329.89					4.47	38			579.00	38		
316	329	335	Min.	577.50	-186.13	42	24.80	38	65.89	38	-1012.56	42	-549.24	42	-14.27	42
317	-153	-151	Max	0.00	-65.30	38	1.89	42	-2.36	42	479.07	42	0.00	34	0.34	42
317	-153	-151	Max	205.00					1.52	42			491.05	42		
317	-153	-151	Max	410.00	-65.30	38	1.89	42	5.40	42	-331.98	38	0.00	34	0.34	42
317	-153	-151	Min.	0.00	-73.01	42	1.86	38	-2.40	38	331.98	38	0.00	34	0.13	38
317	-153	-151	Min.	205.00					1.41	38			340.28	38		
317	-153	-151	Min.	410.00	-73.01	42	1.86	38	5.22	38	-479.07	42	0.00	38	0.13	38
317	-151	-145	Max	0.00	-8.36	38	4.47	42	-8.51	38	479.07	42	0.00	34	0.10	42
317	-151	-145	Max	205.00					0.03	42			491.05	42		
317	-151	-145	Max	410.00	-8.36	38	4.47	42	9.20	42	-331.98	38	0.00	42	0.10	42
317	-151	-145	Min.	0.00	-11.98	42	4.16	38	-9.13	42	331.98	38	0.00	34	0.06	38
317	-151	-145	Min.	205.00					0.03	38			340.28	38		
317	-151	-145	Min.	410.00	-11.98	42	4.16	38	8.56	38	-479.07	42	0.00	38	0.06	38
317	-145	-143	Max	0.00	19.09	38	2.80	42	-7.78	38	699.17	42	0.00	34	0.10	42
317	-145	-143	Max	295.00					-0.08	42			1031.27	42		
317	-145	-143	Max	590.00	19.09	38	2.80	42	8.19	42	-487.50	38	0.00	38	0.10	42
317	-145	-143	Min.	0.00	18.51	34	2.61	38	-8.35	42	487.50	38	0.00	34	0.06	38
317	-145	-143	Min.	295.00					-0.07	38			719.07	38		
317	-145	-143	Min.	590.00	18.51	34	2.61	38	7.64	38	-699.17	42	0.00	34	0.06	38

317	-143	-141	Max	0.00	27.32	42	2.38	42	-6.93	38	699.17	42	0.00	34	-0.30	38
317	-143	-141	Max	295.00					-0.40	42			1031.27	42		
317	-143	-141	Max	590.00	27.32	42	2.38	42	6.64	42	-487.50	38	0.00	42	-0.30	38
317	-143	-141	Min.	0.00	26.39	38	2.24	38	-7.43	42	487.50	38	0.00	34	-0.39	42
317	-143	-141	Min.	295.00					-0.33	38			719.07	38		
317	-143	-141	Min.	590.00	26.39	38	2.24	38	6.28	38	-699.17	42	0.00	38	-0.39	42
318	-154	-152	Max	0.00	116.86	42	2.35	42	-3.50	38	474.30	42	0.00	34	0.05	34
318	-154	-152	Max	205.00					1.13	42			486.16	42		
318	-154	-152	Max	410.00	116.86	42	2.35	42	5.94	42	-328.75	38	0.00	42	0.05	34
318	-154	-152	Min.	0.00	110.55	38	2.22	38	-3.68	42	328.75	38	0.00	34	-0.04	38
318	-154	-152	Min.	205.00					1.05	38			336.97	38		
318	-154	-152	Min.	410.00	110.55	38	2.22	38	5.61	38	-474.30	42	0.00	34	-0.04	38
318	-152	-146	Max	0.00	37.61	42	3.83	42	-7.33	38	474.30	42	0.00	34	-0.13	38
318	-152	-146	Max	205.00					0.02	42			486.16	42		
318	-152	-146	Max	410.00	37.61	42	3.83	42	7.88	42	-328.75	38	0.00	42	-0.13	38
318	-152	-146	Min.	0.00	35.67	38	3.58	38	-7.84	42	328.75	38	0.00	34	-0.18	42
318	-152	-146	Min.	205.00					0.01	38			336.97	38		
318	-152	-146	Min.	410.00	35.67	38	3.58	38	7.36	38	-474.30	42	0.00	34	-0.18	42
318	-146	-144	Max	0.00	0.17	38	2.41	42	-6.69	38	692.30	42	0.00	34	-0.09	38
318	-146	-144	Max	295.00					-0.07	42			1021.14	42		
318	-146	-144	Max	590.00	0.17	38	2.41	42	7.03	42	-482.85	38	0.00	42	-0.09	38
318	-146	-144	Min.	0.00	-1.78	42	2.25	38	-7.17	42	482.85	38	0.00	34	-0.13	42
318	-146	-144	Min.	295.00					-0.06	38			712.20	38		
318	-146	-144	Min.	590.00	-1.78	42	2.25	38	6.58	38	-692.30	42	0.00	34	-0.13	42
318	-144	-142	Max	0.00	-25.91	38	2.07	42	-6.06	38	692.30	42	0.00	34	0.44	42
318	-144	-142	Max	295.00					-0.37	42			1021.14	42		
318	-144	-142	Max	590.00	-25.91	38	2.07	42	5.75	42	-482.85	38	0.00	42	0.44	42
318	-144	-142	Min.	0.00	-31.05	42	1.95	38	-6.48	42	482.85	38	0.00	34	0.29	38
318	-144	-142	Min.	295.00					-0.31	38			712.20	38		
318	-144	-142	Min.	590.00	-31.05	42	1.95	38	5.44	38	-692.30	42	0.00	38	0.29	38
501	1	2	Max	12.50	0.00	34	0.00	34	0.00	34	-341.88	34	750.98	38	552.79	42
501	1	2	Max	280.75									1.65	38		
501	1	2	Max	416.50	0.00	34	0.00	34	0.00	34	626.74	42	529.15	42	552.79	42
501	1	2	Min.	12.50	0.00	34	0.00	34	0.00	34	-481.95	38	306.16	42	523.68	38
501	1	2	Min.	209.06									-74.54	42		
501	1	2	Min.	416.50	0.00	34	0.00	34	0.00	34	394.90	38	259.20	38	523.68	38
501	2	3	Max	12.50	0.00	34	0.00	34	0.00	34	-779.55	34	829.87	38	100.82	38
501	2	3	Max	217.13									-25.36	34		
501	2	3	Max	337.50	0.00	34	0.00	34	0.00	34	476.69	42	262.90	42	100.82	38
501	2	3	Min.	12.50	0.00	34	0.00	34	0.00	34	-795.28	38	777.83	34	99.51	34
501	2	3	Min.	240.62									-81.34	38		
501	2	3	Min.	337.50	0.00	34	0.00	34	0.00	34	339.86	38	83.08	38	99.51	34
501	3	4	Max	12.50	0.00	34	0.00	34	0.00	34	-887.58	34	838.30	38	-35.36	38
501	3	4	Max	265.04									-362.29	34		
501	3	4	Max	428.50	0.00	34	0.00	34	0.00	34	559.69	42	86.03	42	-35.36	38
501	3	4	Min.	12.50	0.00	34	0.00	34	0.00	34	-904.15	42	721.24	34	-41.81	42
501	3	4	Min.	294.52									-380.54	38		
501	3	4	Min.	428.50	0.00	34	0.00	34	0.00	34	397.63	38	-117.45	38	-41.81	42
501	4	5	Max	12.50	0.00	34	0.00	34	0.00	34	-592.12	34	608.93	38	-23.45	38
501	4	5	Max	200.11									26.09	38		
501	4	5	Max	337.50	0.00	34	0.00	34	0.00	34	601.98	42	516.17	42	-23.45	38
501	4	5	Min.	12.50	0.00	34	0.00	34	0.00	34	-618.76	38	510.63	34	-35.37	42
501	4	5	Min.	175.26									25.53	42		
501	4	5	Min.	337.50	0.00	34	0.00	34	0.00	34	449.90	38	336.81	38	-35.37	42
501	5	6	Max	12.50	0.00	34	0.00	34	0.00	34	-1007.10	34	1210.92	38	-491.37	38
501	5	6	Max	416.50	0.00	34	0.00	34	0.00	34	-100.06	42	-822.52	34	-491.37	38
501	5	6	Min.	12.50	0.00	34	0.00	34	0.00	34	-1054.39	38	1098.38	34	-527.60	42
501	5	6	Min.	416.50	0.00	34	0.00	34	0.00	34	-258.83	38	-1131.38	38	-527.60	42
506	31	32	Max	12.50	0.00	34	0.00	34	0.00	34	137.76	34	731.72	38	-94.61	38
506	31	32	Max	416.50	0.00	34	0.00	34	0.00	34	-329.02	42	-281.18	42	-94.61	38
506	31	32	Min.	12.50	0.00	34	0.00	34	0.00	34	-34.83	38	193.35	42	-114.47	42
506	31	32	Min.	416.50	0.00	34	0.00	34	0.00	34	-556.52	38	-526.94	38	-114.47	42
506	32	33	Max	12.50	0.00	34	0.00	34	0.00	34	166.25	38	167.84	42	-10.03	38
506	32	33	Max	337.50	0.00	34	0.00	34	0.00	34	-183.25	42	155.95	42	-10.03	38
506	32	33	Min.	12.50	0.00	34	0.00	34	0.00	34	143.43	42	127.16	38	-23.79	42
506	32	33	Min.	337.50	0.00	34	0.00	34	0.00	34	-275.88	38	-0.01	38	-23.79	42
506	33	-6	Max	12.50	0.00	34	0.00	34	0.00	34	-476.81	38	476.25	38	21.87	42
506	33	-6	Max	220.50	0.00	34	0.00	34	0.00	34	-975.21	38	-997.22	38	21.87	42
506	33	-6	Min.	12.50	0.00	34	0.00	34	0.00	34	-546.36	42	425.12	34	13.04	38
506	33	-6	Min.	220.50	0.00	34	0.00	34	0.00	34	-1008.77	42	-1138.01	42	13.04	38
506	-6	34	Max	0.00	0.00	34	0.00	34	0.00	34	867.45	42	-988.39	38	-15.78	38
506	-6	34	Max	208.00	0.00	34	0.00	34	0.00	34	389.82	42	136.44	42	-15.78	38
506	-6	34	Min.	0.00	0.00	34	0.00	34	0.00	34	738.56	38	-1132.75	42	-29.80	42
506	-6	34	Min.	208.00	0.00	34	0.00	34	0.00	34	214.57	38	-28.94	38	-29.80	42
506	34	35	Max	12.50	0.00	34	0.00	34	0.00	34	49.08	34	457.40	38	29.77	42
506	34	35	Max	337.50	0.00	34	0.00	34	0.00	34	-297.10	42	-29.13	42	29.77	42
506	34	35	Min.	12.50	0.00	34	0.00	34	0.00	34	36.44	38	417.37	34	18.32	38
506	34	35	Min.	337.50	0.00	34	0.00	34	0.00	34	-422.38	38	-201.21	38	18.32	38
506	35	36	Max	12.50	0.00	34	0.00	34	0.00	34	-7.36	34	260.76	38	103.53	42
506	35	36	Max	416.50	0.00	34	0.00	34	0.00	34	-594.14	42	-951.99	34	103.53	42
506	35	36	Min.	12.50	0.00	34	0.00	34	0.00	34	-37.10	38	174.99	34	72.92	38
506	35	36	Min.	416.50	0.00	34	0.00	34	0.00	34	-726.64	38	-1209.99	38	72.92	38
507	1	7	Max	20.00	0.00	34	0.00	34	0.00	34	367.62	38	-1201.55	38	149.48	38
507	1	7	Max	615.00	0.00	34	0.00	34	0.00	34	201.78	42	65.67	42	149.48	38
507	1	7	Min.	20.00	0.00	34	0.00	34	0.00	34	335.91	42	-1282.78	42	50.37	42
507	1	7	Min.	615.00	0.00	34	0.00	34	0.00	34	116.41	38	-12.64	38	50.37	42
507	7	13	Max	20.00	0.00	34	0.00	34	0.00	34	-801.05	38	1778.86	42	10.13	38
507	7	13	Max	397.50	0.00	34	0.00	34	0.00	34	-678.80	42	-859.91	42	10.13	38
507	7	13	Min.	20.00	0.00	34	0.00	34	0.00	34	-884.97	42	1679.49	38	-68.23	42
507	7	13	Min.	397.50	0.00	34	0.00	34	0.00	34	-717.06	38	-877.13	38	-68.23	42

507	13	19	Max	12.50	0.00	34	0.00	34	0.00	34	435.16	38	-679.32	38	-22.22	38
507	13	19	Max	397.50	0.00	34	0.00	34	0.00	34	-57.87	42	-43.99	42	-22.22	38
507	13	19	Min.	12.50	0.00	34	0.00	34	0.00	34	400.69	42	-687.33	34	-49.78	42
507	13	19	Min.	397.50	0.00	34	0.00	34	0.00	34	-142.86	38	-126.53	38	-49.78	42
507	19	25	Max	12.50	0.00	34	0.00	34	0.00	34	270.91	38	-126.49	42	-19.96	34
507	19	25	Max	577.50	0.00	34	0.00	34	0.00	34	-132.51	42	-68.63	42	-19.96	34
507	19	25	Min.	12.50	0.00	34	0.00	34	0.00	34	194.92	42	-175.74	38	-38.50	38
507	19	25	Min.	577.50	0.00	34	0.00	34	0.00	34	-244.46	38	-195.44	38	-38.50	38
507	25	31	Max	12.50	0.00	34	0.00	34	0.00	34	245.41	38	-18.13	42	16.27	42
507	25	31	Max	577.50	0.00	34	0.00	34	0.00	34	-430.75	42	-463.02	38	16.27	42
507	25	31	Min.	12.50	0.00	34	0.00	34	0.00	34	138.71	42	-124.03	38	-127.54	38
507	25	31	Min.	577.50	0.00	34	0.00	34	0.00	34	-485.98	38	-481.46	42	-127.54	38
519	6	12	Max	20.00	0.00	34	0.00	34	0.00	34	287.94	34	-1251.87	38	224.87	38
519	6	12	Max	615.00	0.00	34	0.00	34	0.00	34	241.83	42	122.33	42	224.87	38
519	6	12	Min.	20.00	0.00	34	0.00	34	0.00	34	284.89	42	-1308.34	42	172.14	34
519	6	12	Min.	615.00	0.00	34	0.00	34	0.00	34	185.98	38	89.20	38	172.14	34
519	12	18	Max	20.00	0.00	34	0.00	34	0.00	34	-730.91	38	1693.22	42	178.97	42
519	12	18	Max	397.50	0.00	34	0.00	34	0.00	34	-647.65	42	-797.41	38	178.97	42
519	12	18	Min.	20.00	0.00	34	0.00	34	0.00	34	-844.23	42	1530.72	38	171.91	34
519	12	18	Min.	397.50	0.00	34	0.00	34	0.00	34	-662.45	38	-814.07	34	171.91	34
519	18	24	Max	12.50	0.00	34	0.00	34	0.00	34	461.98	38	-715.03	42	75.40	42
519	18	24	Max	397.50	0.00	34	0.00	34	0.00	34	-39.27	42	-7.29	42	75.40	42
519	18	24	Min.	12.50	0.00	34	0.00	34	0.00	34	417.60	42	-723.06	38	65.37	38
519	18	24	Min.	397.50	0.00	34	0.00	34	0.00	34	-112.29	38	-65.23	38	65.37	38
519	24	30	Max	12.50	0.00	34	0.00	34	0.00	34	285.91	38	-151.26	42	-28.14	42
519	24	30	Max	577.50	0.00	34	0.00	34	0.00	34	-117.54	42	-40.15	42	-28.14	42
519	24	30	Min.	12.50	0.00	34	0.00	34	0.00	34	202.94	42	-220.51	38	-41.13	38
519	24	30	Min.	577.50	0.00	34	0.00	34	0.00	34	-219.17	38	-146.66	38	-41.13	38
519	30	36	Max	12.50	0.00	34	0.00	34	0.00	34	243.79	38	-58.78	42	-283.11	34
519	30	36	Max	577.50	0.00	34	0.00	34	0.00	34	-347.70	38	-316.48	38	-283.11	34
519	30	36	Min.	12.50	0.00	34	0.00	34	0.00	34	137.16	42	-193.61	38	-329.66	38
519	30	36	Min.	577.50	0.00	34	0.00	34	0.00	34	-353.44	34	-395.26	42	-329.66	38

Tipo di combinazione di carico: SLE F

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	101	Max	17.00	-5457.27	39	1564.44	35	-634.16	39	48.45	39	195.69	43	0.20	43
1	1	101	Max	65.98					122.70	35			47.32	35		
1	1	101	Max	310.50	-4723.52	39	1564.44	35	3948.11	35	-163.13	43	-236.26	39	0.20	43
1	1	101	Min.	17.00	-5564.85	35	1528.89	39	-643.53	35	-163.13	43	35.02	39	-1.10	39
1	1	101	Min.	67.47					137.44	39			47.25	39		
1	1	101	Min.	310.50	-4831.10	35	1528.89	39	3853.13	39	-234.74	35	-283.11	43	-1.10	39
2	2	302	Max	17.00	-9400.76	39	2708.48	35	-335.72	39	27.28	39	127.31	43	0.20	43
2	2	302	Max	310.50	-8667.01	39	2708.48	35	7606.52	35	27.28	39	60.13	39	0.20	43
2	2	302	Min.	17.00	-9600.82	35	2644.37	39	-342.87	35	-59.74	43	-19.93	39	-1.10	39
2	2	302	Min.	310.50	-8867.07	35	2644.37	39	7425.51	39	-59.74	43	-48.02	43	-1.10	39
3	3	403	Max	17.00	-9534.19	43	2659.66	35	-103.28	39	86.99	35	-32.64	43	0.20	43
3	3	403	Max	310.50	-8800.44	43	2659.66	35	7701.43	35	86.99	35	77.88	35	0.20	43
3	3	403	Min.	17.00	-9753.07	35	2596.98	39	-104.68	35	-1.47	43	-177.43	35	-1.10	39
3	3	403	Min.	310.50	-9019.32	35	2596.97	39	7518.84	39	-1.47	43	-36.97	43	-1.10	39
4	4	404	Max	17.00	-9021.58	39	2378.11	35	23.72	43	104.84	39	7.34	43	0.20	43
4	4	404	Max	310.50	-8287.83	39	2378.11	35	7001.27	35	104.84	39	172.01	35	0.20	43
4	4	404	Min.	17.00	-9224.13	35	2314.10	43	21.50	35	17.29	43	-135.94	39	-1.10	39
4	4	404	Min.	310.50	-8490.37	35	2314.10	43	6815.62	43	17.29	43	58.09	43	-1.10	39
5	5	305	Max	17.00	-9397.08	43	2705.08	35	-366.46	43	137.12	35	-107.39	43	0.20	43
5	5	305	Max	310.50	-8663.33	43	2705.08	35	7563.27	35	137.12	35	144.49	35	0.20	43
5	5	305	Min.	17.00	-9615.81	35	2637.81	43	-376.15	35	46.96	43	-257.95	35	-1.10	39
5	5	305	Min.	310.50	-8882.06	35	2637.81	43	7375.51	43	46.96	43	30.43	43	-1.10	39
6	6	106	Max	17.00	-5493.13	43	1583.08	35	-643.50	43	300.66	35	-201.66	43	0.20	43
6	6	106	Max	310.50	-4759.38	43	1583.08	35	3984.67	35	166.30	43	343.99	35	0.20	43
6	6	106	Min.	17.00	-5629.08	35	1541.05	43	-661.68	35	166.30	43	-331.72	35	-1.10	39
6	6	106	Min.	310.50	-4895.33	35	1541.05	43	3879.49	43	158.21	39	286.43	43	-1.10	39
7	7	107	Max	17.00	-6163.22	43	-1708.75	43	1430.01	35	101.09	39	0.70	43	0.20	43
7	7	107	Max	122.31					-406.83	39			11.58	39		
7	7	107	Max	305.50	-5441.97	43	-1708.75	43	-3549.02	43	-57.23	43	-149.51	39	0.20	43
7	7	107	Min.	17.00	-6335.21	35	-1757.88	35	1380.72	43	-57.23	43	-46.10	35	-1.12	39
7	7	107	Min.	119.24					-367.19	35			4.07	35		
7	7	107	Min.	305.50	-5613.96	35	-1757.88	35	-3641.49	35	-178.81	35	-164.41	43	-1.12	39
8	8	-155	Max	0.00	-11565.80	39	-2632.11	43	451.74	35	1.35	35	6.16	43	0.20	43
8	8	-155	Max	305.50	-10802.00	39	-2632.11	43	-7601.02	43	1.35	35	-17.36	35	0.20	43
8	8	-155	Min.	0.00	-11914.10	35	-2692.37	35	440.07	43	-18.99	43	-21.48	35	-1.07	39
8	8	-155	Min.	305.50	-11150.40	35	-2692.37	35	-7773.45	35	-18.99	43	-51.85	43	-1.07	39
9	9	-15	Max	0.00	-11836.50	43	-2577.04	43	441.60	35	18.96	39	0.43	43	0.20	43
9	9	-15	Max	305.50	-11072.80	43	-2577.04	43	-7441.78	43	18.96	39	30.38	39	0.20	43
9	9	-15	Min.	0.00	-12153.80	35	-2636.15	35	431.07	43	-2.39	43	-27.55	39	-1.07	39
9	9	-15	Min.	305.50	-11390.10	35	-2636.15	35	-7611.84	35	-2.39	43	-6.87	43	-1.07	39
10	10	-16	Max	0.00	-11240.80	39	-2290.81	39	392.78	35	42.39	35	-7.45	43	0.20	43
10	10	-16	Max	305.50	-10477.10	39	-2290.81	39	-6615.28	39	42.39	35	93.86	35	0.20	43
10	10	-16	Min.	0.00	-11556.00	35	-2348.24	35	383.14	39	20.43	43	-35.65	35	-1.07	39
10	10	-16	Min.	305.50	-10792.20	35	-2348.24	35	-6781.10	35	20.43	43	54.98	43	-1.07	39
11	11	-7	Max	0.00	-11207.90	43	-2575.15	39	438.95	35	10.45	39	2.54	43	0.20	43
11	11	-7	Max	305.50	-10444.20	43	-2575.15	39	-7437.54	39	10.45	39	7.31	39	0.20	43
11	11	-7	Min.	0.00	-11563.20	35	-2631.21	35	429.54	39	-8.51	43	-24.61	39	-1.07	39
11	11	-7	Min.	305.50	-10799.50	35	-2631.21	35	-7599.40	35	-8.51	43	-23.44	43	-1.07	39
12	12	112	Max	17.00	-6164.92	43	-1702.03	39	1395.85	43	148.78	35	-2.56	43	0.20	43
12	12	112	Max	310.50	-5431.16	43	-1702.03	39	-3627.96	39	58.78	43	194.86	35	0.20	43
12	12	112	Min.	17.00	-6335.69	35	-1736.48	35	1367.50	39	58.78	43	-39.43	39	-1.10	39
12	12	112	Min.	310.50	-5601.94	35	-1736.48	35	-3706.97	35	4.80	39	169.96	43	-1.10	39
13	13	113	Max	17.00	-1892.10	43	-41.71	43	124.12	35	10.55	39	67.49	43	0.08	43

13	13	113	Max	27.99					118.58	39			20.94	39		
13	13	113	Max	310.53	-1433.46	43	-41.71	43	-10.54	43	-148.78	43	-362.24	39	0.08	43
13	13	113	Min.	17.00	-2028.42	35	-49.42	39	111.90	43	-148.78	43	20.36	39	-0.42	39
13	13	113	Min.	27.99					118.58	39			20.94	39		
13	13	113	Min.	310.53	-1569.78	35	-49.42	39	-21.05	39	-293.59	35	-417.70	35	-0.42	39
14	14	314	Max	0.00	-2929.19	39	93.05	35	-83.50	39	83.77	35	-27.73	43	-15.37	43
14	14	314	Max	340.58	-2397.04	39	93.05	35	229.69	35	83.77	35	226.62	35	-15.37	43
14	14	314	Min.	0.00	-3189.99	35	87.60	39	-87.20	35	55.19	43	-58.67	35	-16.23	35
14	14	314	Min.	340.58	-2657.84	35	87.60	39	214.86	39	55.19	43	160.23	43	-16.23	35
15	15	415	Max	0.00	-3106.85	43	131.53	35	-134.72	39	-40.94	39	38.96	43	-12.32	43
15	15	415	Max	365.09	-2536.40	43	131.53	35	339.69	35	-40.94	39	-136.99	39	-12.32	43
15	15	415	Min.	0.00	-3343.26	35	124.05	39	-140.53	35	-61.57	43	12.48	39	-13.20	35
15	15	415	Min.	365.09	-2772.81	35	124.05	39	318.16	39	-61.57	43	-185.84	43	-13.20	35
16	16	416	Max	0.00	-3095.85	39	124.58	35	-124.68	43	85.73	35	-39.81	43	13.68	35
16	16	416	Max	365.09	-2525.41	39	124.58	35	323.77	35	85.73	35	245.00	35	13.68	35
16	16	416	Min.	0.00	-3327.54	35	116.72	43	-131.04	35	62.54	43	-67.98	35	13.20	39
16	16	416	Min.	365.09	-2757.09	35	116.72	43	301.45	43	62.54	43	188.52	43	13.20	39
17	17	317	Max	0.00	-2943.50	43	94.30	35	-83.05	43	-31.17	39	27.12	43	14.26	35
17	17	317	Max	340.58	-2411.35	43	94.30	35	232.81	35	-31.17	39	-107.33	39	14.26	35
17	17	317	Min.	0.00	-3213.27	35	87.65	43	-88.34	35	-54.68	43	-1.16	39	13.80	39
17	17	317	Min.	340.58	-2681.12	35	87.65	43	215.45	43	-54.68	43	-159.09	43	13.80	39
18	18	118	Max	17.00	-1880.70	43	-31.87	35	112.08	43	264.56	35	-68.59	43	0.08	43
18	18	118	Max	310.53	-1422.06	43	-31.87	35	6.48	35	150.19	43	452.45	35	0.08	43
18	18	118	Min.	17.00	-2022.97	35	-40.21	43	99.92	39	150.19	43	-117.33	35	-0.42	39
18	18	118	Min.	310.53	-1564.33	35	-40.21	43	-5.96	43	101.20	39	372.27	43	-0.42	39
19	19	119	Max	17.00	-2442.99	43	69.10	43	-75.75	39	-21.99	39	79.59	43	0.08	43
19	19	119	Max	310.53	-1984.35	43	69.10	43	116.22	43	-182.15	43	-445.19	39	0.08	43
19	19	119	Min.	17.00	-2621.87	35	62.33	39	-86.61	43	-182.15	43	32.93	39	-0.42	39
19	19	119	Min.	310.53	-2163.23	35	62.33	39	107.20	39	-331.83	35	-515.55	35	-0.42	39
20	20	320	Max	0.00	-3367.52	39	102.26	35	-88.25	39	96.82	35	-32.90	43	-15.33	43
20	20	320	Max	340.58	-2835.37	39	102.26	35	256.22	35	96.82	35	263.81	35	-15.33	43
20	20	320	Min.	0.00	-3696.07	35	96.64	39	-92.06	35	65.51	43	-65.93	35	-16.18	35
20	20	320	Min.	340.58	-3163.92	35	96.64	39	240.87	39	65.51	43	190.21	43	-16.18	35
21	21	421	Max	0.00	-3683.49	43	136.90	35	-138.12	39	-64.49	39	54.20	43	-11.57	43
21	21	421	Max	365.09	-3113.04	43	136.90	35	356.21	35	-64.49	39	-208.88	39	-11.57	43
21	21	421	Min.	0.00	-4004.54	35	130.00	39	-143.60	35	-86.08	43	26.56	39	-12.41	35
21	21	421	Min.	365.09	-3434.09	35	130.00	39	336.51	39	-86.08	43	-260.08	43	-12.41	35
22	22	422	Max	0.00	-3681.01	39	129.53	35	-128.09	43	112.74	35	-54.42	43	13.20	35
22	22	422	Max	365.09	-3110.56	39	129.53	35	338.74	35	112.74	35	326.37	35	13.20	35
22	22	422	Min.	0.00	-3994.29	35	122.19	43	-134.16	35	86.23	43	-85.23	35	12.77	39
22	22	422	Min.	365.09	-3423.84	35	122.19	43	318.00	43	86.23	43	260.39	43	12.77	39
23	23	323	Max	0.00	-3385.00	43	103.05	35	-87.32	43	-40.16	39	32.42	43	14.07	35
23	23	323	Max	340.58	-2852.85	43	103.05	35	258.14	35	-40.16	39	-133.95	39	14.07	35
23	23	323	Min.	0.00	-3721.21	35	96.01	43	-92.82	35	-64.89	43	2.81	39	13.63	39
23	23	323	Min.	340.58	-3189.06	35	96.01	43	239.68	43	-64.89	43	-188.60	43	13.63	39
24	24	124	Max	17.00	-2446.81	43	76.73	35	-83.17	43	304.40	35	-80.05	43	0.08	43
24	24	124	Max	310.53	-1988.17	43	76.73	35	128.43	35	183.07	43	555.56	35	0.08	43
24	24	124	Min.	17.00	-2630.47	35	66.66	43	-96.79	35	183.07	43	-131.15	35	-0.42	39
24	24	124	Min.	310.53	-2171.83	35	66.66	43	112.50	43	135.30	39	457.30	43	-0.42	39
25	25	125	Max	17.00	-2757.09	39	3.74	43	15.95	35	-47.93	39	122.73	43	0.08	43
25	25	125	Max	310.53	-2298.45	39	3.74	43	14.56	43	-217.41	43	-499.16	39	0.08	43
25	25	125	Min.	17.00	-2969.71	35	-3.64	39	3.58	43	-217.41	43	55.11	39	-0.42	39
25	25	125	Min.	310.53	-2511.07	35	-3.64	39	4.55	39	-363.73	35	-581.13	35	-0.42	39
26	26	326	Max	0.00	-3836.36	39	69.43	35	-72.74	39	106.45	35	-35.89	43	-16.53	43
26	26	326	Max	340.58	-3304.22	39	69.43	35	161.75	35	106.45	35	291.14	35	-16.53	43
26	26	326	Min.	0.00	-4224.40	35	67.30	39	-74.72	35	72.25	43	-71.39	35	-17.39	35
26	26	326	Min.	340.58	-3692.26	35	67.30	39	156.46	39	72.25	43	210.18	43	-17.39	35
27	27	427	Max	0.00	-4266.79	43	105.39	35	-121.36	39	-79.07	39	64.26	43	-12.22	43
27	27	427	Max	365.09	-3696.34	43	105.39	35	259.81	35	-79.07	39	-253.59	39	-12.22	43
27	27	427	Min.	0.00	-4651.29	35	101.71	39	-124.95	35	-101.80	43	35.08	39	-13.07	35
27	27	427	Min.	365.09	-4080.85	35	101.71	39	249.98	39	-101.80	43	-307.41	43	-13.07	35
28	28	428	Max	0.00	-4259.97	39	98.51	35	-111.89	43	130.40	35	-64.03	43	14.02	35
28	28	428	Max	365.09	-3689.52	39	98.51	35	243.58	35	130.40	35	378.98	35	14.02	35
28	28	428	Min.	0.00	-4636.87	35	94.40	43	-116.06	35	101.60	43	-97.11	35	13.56	39
28	28	428	Min.	365.09	-4066.42	35	94.40	43	232.74	43	101.60	43	306.91	43	13.56	39
29	29	329	Max	0.00	-3850.15	43	69.86	35	-71.57	43	-45.63	39	35.91	43	15.00	35
29	29	329	Max	340.58	-3318.00	43	69.86	35	162.76	35	-45.63	39	-150.94	39	15.00	35
29	29	329	Min.	0.00	-4245.11	35	66.44	43	-75.17	35	-72.05	43	4.45	39	14.56	39
29	29	329	Min.	340.58	-3712.96	35	66.44	43	154.70	43	-72.05	43	-209.47	43	14.56	39
30	30	130	Max	17.00	-2762.13	43	9.11	35	6.84	43	352.68	35	-122.56	43	0.08	43
30	30	130	Max	310.53	-2303.49	43	9.11	35	23.09	35	217.90	43	632.53	35	0.08	43
30	30	130	Min.	17.00	-2986.11	35	1.84	43	-4.51	39	217.90	43	-195.90	35	-0.42	39
30	30	130	Min.	310.53	-2527.47	35	1.84	43	12.24	43	177.62	39	517.05	43	-0.42	39
31	31	231	Max	17.00	-1702.39	39	-248.76	43	299.13	35	7.88	39	208.48	43	0.08	43
31	31	231	Max	25.20					270.63	39			47.21	39		
31	31	231	Max	310.53	-1243.75	39	-248.76	43	-451.33	43	-202.58	43	-343.56	39	0.08	43
31	31	231	Min.	17.00	-1799.64	35	-266.92	35	278.85	43	-202.58	43	46.89	39	-0.42	39
31	31	231	Min.	25.20					270.63	39			47.21	39		
31	31	231	Min.	310.53	-1341.00	35	-266.92	35	-484.36	35	-294.83	35	-387.89	35	-0.42	39
32	32	332	Max	17.00	-2296.20	39	-135.07	43	55.83	35	141.50	35	-68.87	43	-14.25	43
32	32	332	Max	340.58	-1790.62	39	-135.07	43	-392.41	43	141.50	35	271.55	35	-14.25	43
32	32	332	Min.	17.00	-2482.67	35	-153.57	35	44.64	43	71.46	43	-186.33	35	-14.73	39
32	32	332	Min.	340.58	-1977.09	35	-153.57	35	-441.09	35	71.46	43	162.35	43	-14.73	39
33	33	433	Max	17.00	-2441.98	43	-120.87	43	2.49	35	22.25	39	-10.87	43	-2.77	35
33	33	433														

34	34	434	Min.	365.09	-2054.27	35	-152.90	35	-511.36	35	28.94	43	114.03	43	3.93	35
35	35	335	Max	17.00	-2317.00	43	-135.53	39	52.40	35	-8.35	39	71.05	43	12.22	43
35	35	335	Max	340.58	-1811.42	43	-135.53	39	-394.09	39	-8.35	39	-68.00	39	12.22	43
35	35	335	Min.	17.00	-2515.34	35	-152.56	35	44.47	39	-72.62	43	-40.98	39	11.66	35
35	35	335	Min.	340.58	-2009.75	35	-152.56	35	-441.24	35	-72.62	43	-163.91	43	11.66	35
36	36	136	Max	17.00	-1708.66	43	-242.34	39	279.74	43	355.19	35	-206.45	43	0.08	43
36	36	136	Max	310.53	-1250.02	43	-242.34	39	-443.51	39	214.30	35	484.87	35	0.08	43
36	36	136	Min.	17.00	-1818.36	35	-253.43	35	267.84	39	201.71	43	-350.95	35	-0.42	39
36	36	136	Min.	310.53	-1359.72	35	-253.43	35	-468.61	35	193.33	39	385.63	43	-0.42	39
101	101	302	Max	12.50	0.00	43	0.00	35	0.00	35	355.91	43	-228.31	39	-149.41	39
101	101	302	Max	240.28									144.42	43		
101	101	302	Max	416.50	0.00	43	0.00	35	0.00	35	-275.34	43	-98.19	43	-149.41	39
101	101	302	Min.	12.50	0.00	35	0.00	35	0.00	35	337.15	39	-260.93	43	-152.91	35
101	101	302	Min.	228.27									135.42	39		
101	101	302	Min.	416.50	0.00	35	0.00	35	0.00	35	-294.10	39	-141.37	39	-152.91	35
101	302	403	Max	12.50	0.00	35	0.00	35	0.00	35	252.60	43	-75.84	39	-10.16	39
101	302	403	Max	146.82									65.11	39		
101	302	403	Max	337.50	0.00	35	0.00	35	0.00	35	-255.22	43	-151.17	43	-10.16	39
101	302	403	Min.	12.50	0.00	43	0.00	35	0.00	35	209.87	39	-146.91	43	-10.48	43
101	302	403	Min.	174.16									57.27	43		
101	302	403	Min.	337.50	0.00	43	0.00	35	0.00	35	-297.94	39	-218.95	39	-10.48	43
101	403	-8	Max	12.50	0.00	43	0.00	35	0.00	35	316.42	43	-134.54	35	25.24	39
101	403	-8	Max	198.69									136.29	35		
101	403	-8	Max	220.50	0.00	43	0.00	35	0.00	35	-8.58	43	132.58	35	25.24	39
101	403	-8	Min.	12.50	0.00	35	0.00	35	0.00	35	290.92	35	-187.65	43	24.97	43
101	403	-8	Min.	215.01									132.75	43		
101	403	-8	Min.	220.50	0.00	35	0.00	35	0.00	35	-34.08	35	132.35	39	24.97	43
101	-8	404	Max	0.00	0.00	35	0.00	35	0.00	35	-8.58	43	132.58	35	25.24	39
101	-8	404	Max	208.00	0.00	35	0.00	35	0.00	35	-333.58	43	-223.33	43	25.24	39
101	-8	404	Min.	0.00	0.00	43	0.00	35	0.00	35	-34.08	35	132.35	39	24.97	43
101	-8	404	Min.	208.00	0.00	43	0.00	35	0.00	35	-359.08	35	-276.49	39	24.97	43
101	404	305	Max	12.50	0.00	35	0.00	35	0.00	35	265.24	43	-103.77	35	-17.47	35
101	404	305	Max	155.88									56.63	39		
101	404	305	Max	337.50	0.00	35	0.00	35	0.00	35	-242.57	43	-133.47	43	-17.47	35
101	404	305	Min.	12.50	0.00	35	0.00	35	0.00	35	223.80	35	-170.31	43	-18.04	43
101	404	305	Min.	182.25									54.82	43		
101	404	305	Min.	337.50	0.00	35	0.00	35	0.00	35	-284.01	35	-201.60	35	-18.04	43
101	305	106	Max	12.50	0.00	43	0.00	35	0.00	35	273.77	43	-40.65	35	150.21	35
101	305	106	Max	171.12									155.92	35		
101	305	106	Max	416.50	0.00	43	0.00	35	0.00	35	-357.48	43	-262.98	43	150.21	35
101	305	106	Min.	12.50	0.00	35	0.00	35	0.00	35	247.85	35	-93.89	43	146.23	43
101	305	106	Min.	187.71									145.95	43		
101	305	106	Min.	416.50	0.00	35	0.00	35	0.00	35	-383.40	35	-314.48	35	146.23	43
107	101	-120	Max	20.00	0.00	43	0.00	43	0.00	35	4155.52	35	-3055.69	39	-3.13	43
107	101	-120	Max	105.83	0.00	43	0.00	43	0.00	43	2925.68	35	-89.54	39	-3.13	43
107	101	-120	Min.	20.00	0.00	35	0.00	35	0.00	43	4055.90	39	-3130.99	35	-5.50	39
107	101	-120	Min.	105.83	0.00	35	0.00	35	0.00	35	2855.52	39	-95.71	43	-5.50	39
107	-120	-121	Max	0.00	0.00	43	0.00	35	0.00	35	2925.68	35	-89.54	39	-3.13	43
107	-120	-121	Max	122.83	0.00	43	0.00	35	0.00	35	1165.70	35	2420.82	35	-3.13	43
107	-120	-121	Min.	0.00	0.00	35	0.00	35	0.00	35	2855.52	39	-95.71	43	-5.50	39
107	-120	-121	Min.	122.83	0.00	35	0.00	35	0.00	35	1137.69	39	2360.62	43	-5.50	39
107	-121	-122	Max	0.00	0.00	43	0.00	43	0.00	35	1165.70	35	2420.82	35	-3.13	43
107	-121	-122	Max	81.36									2895.01	35		
107	-121	-122	Max	105.83	0.00	43	0.00	43	0.00	43	-339.27	43	2852.09	35	-3.13	43
107	-121	-122	Min.	0.00	0.00	35	0.00	35	0.00	43	1137.69	39	2360.62	43	-5.50	39
107	-121	-122	Min.	81.35									2825.72	39		
107	-121	-122	Min.	105.83	0.00	35	0.00	35	0.00	35	-350.70	35	2783.81	39	-5.50	39
107	-122	-123	Max	0.00	0.00	43	0.00	43	0.00	35	-339.27	43	2852.09	35	-3.13	43
107	-122	-123	Max	105.83	0.00	43	0.00	43	0.00	43	-1819.35	43	1678.50	35	-3.13	43
107	-122	-123	Min.	0.00	0.00	35	0.00	35	0.00	43	-350.70	35	2783.81	39	-5.50	39
107	-122	-123	Min.	105.83	0.00	35	0.00	35	0.00	35	-1867.10	35	1638.24	39	-5.50	39
107	-123	-124	Max	0.00	0.00	43	0.00	43	0.00	35	-1819.34	43	1678.51	35	-3.13	43
107	-123	-124	Max	105.83	0.00	43	0.00	43	0.00	43	-3299.42	43	-1066.18	43	-3.13	43
107	-123	-124	Min.	0.00	0.00	35	0.00	35	0.00	43	-1867.10	35	1638.25	39	-5.50	39
107	-123	-124	Min.	105.83	0.00	35	0.00	35	0.00	35	-3383.50	35	-1099.93	35	-5.50	39
107	-124	107	Max	0.00	0.00	35	0.00	35	0.00	43	-3299.43	43	-1066.20	43	-3.13	43
107	-124	107	Max	68.83	0.00	35	0.00	35	0.00	35	-4262.07	43	-3668.62	43	-3.13	43
107	-124	107	Min.	0.00	0.00	43	0.00	43	0.00	35	-3383.51	35	-1099.95	35	-5.50	39
107	-124	107	Min.	68.83	0.00	43	0.00	43	0.00	43	-4369.76	35	-3768.37	35	-5.50	39
110	302	-115	Max	20.00	0.00	43	0.00	43	0.00	35	7809.10	35	-6323.98	39	12.52	39
110	302	-115	Max	105.83	0.00	43	0.00	43	0.00	43	5729.08	35	-652.75	39	12.52	39
110	302	-115	Min.	20.00	0.00	35	0.00	35	0.00	43	7620.52	39	-6477.31	35	9.60	43
110	302	-115	Min.	105.83	0.00	35	0.00	35	0.00	35	5594.00	39	-667.18	35	9.60	43
110	-115	-116	Max	0.00	0.00	43	0.00	35	0.00	35	5729.08	35	-652.75	39	12.52	39
110	-115	-116	Max	122.83	0.00	43	0.00	35	0.00	35	2752.44	35	4541.89	35	12.52	39
110	-115	-116	Min.	0.00	0.00	35	0.00	35	0.00	35	5594.00	39	-667.18	35	9.60	43
110	-115	-116	Min.	122.83	0.00	35	0.00	35	0.00	35	2693.90	39	4434.96	43	9.60	43
110	-116	-117	Max	0.00	0.00	43	0.00	43	0.00	35	2752.43	35	4541.90	35	12.52	39
110	-116	-117	Max	105.83	0.00	43	0.00	43	0.00	43	197.63	43	6097.75	35	12.52	39
110	-116	-117	Min.	0.00	0.00	35	0.00	35	0.00	43	2693.89	39	4434.97	43	9.60	43
110	-116	-117	Min.	105.83	0.00	35	0.00	35	0.00	35	187.75	35	5966.21	39	9.60	43
110	-117	-118	Max	0.00	0.00	43	0.00	43	0.00	35	-502.36	43	6097.75	35	12.52	39
110	-117	-118	Max	105.83	0.00	43	0.00	43	0.00	43	-3001.09	43	4198.48	35	12.52	39
110	-117	-118	Min.	0.00	0.00	35	0.00	35	0.00	43	-512.24	35	5966.21	39	9.60	43
110	-117	-118	Min.	105.83	0.00	35	0.00	35	0.00	35	-3076.92	35	4109.69	39	9.60	43
110	-118	-119	Max	0.00	0.00	35	0.00	43	0.00	35	-3701.08	43	4198.49	35	12.52	39
110	-118	-119	Max	105.83	0.00	35	0.00	43	0.00	43	-6199.81	43	-1126.75	43	12.52	39
110	-118	-119	Min.	0.00	0.00	43	0.00	35	0.00	43	-3776.91	35				

110	-119	-155	Max	68.83	0.00	43	0.00	35	0.00	35	-8524.98	43	-6435.50	43	12.52	39
110	-119	-155	Min.	0.00	0.00	35	0.00	43	0.00	35	-7041.61	35	-1155.93	35	9.60	43
110	-119	-155	Min.	68.83	0.00	35	0.00	43	0.00	43	-8709.66	35	-6576.99	35	9.60	43
112	403	-95	Max	20.00	0.00	43	0.00	43	0.00	35	7868.79	35	-6295.25	39	-3.50	35
112	403	-95	Max	105.83	0.00	43	0.00	43	0.00	43	5759.63	35	-586.26	39	-3.50	35
112	403	-95	Min.	20.00	0.00	35	0.00	35	0.00	43	7678.69	39	-6446.61	35	-6.98	43
112	403	-95	Min.	105.83	0.00	35	0.00	35	0.00	35	5623.84	39	-597.75	35	-6.98	43
112	-95	-96	Max	0.00	0.00	35	0.00	43	0.00	35	5759.63	35	-586.26	39	-3.50	35
112	-95	-96	Max	122.83	0.00	35	0.00	43	0.00	43	2741.27	35	4623.21	35	-3.50	35
112	-95	-96	Min.	0.00	0.00	35	0.00	35	0.00	35	5623.84	39	-597.75	35	-6.98	43
112	-95	-96	Min.	122.83	0.00	35	0.00	35	0.00	35	2683.21	39	4514.64	43	-6.98	43
112	-96	-97	Max	0.00	0.00	43	0.00	43	0.00	35	2741.26	35	4623.23	35	-3.50	35
112	-96	-97	Max	105.83	0.00	43	0.00	43	0.00	43	150.55	43	6148.23	35	-3.50	35
112	-96	-97	Min.	0.00	0.00	35	0.00	35	0.00	43	2683.20	39	4514.65	43	-6.98	43
112	-96	-97	Min.	105.83	0.00	35	0.00	35	0.00	35	140.64	35	6014.65	39	-6.98	43
112	-97	-98	Max	0.00	0.00	43	0.00	43	0.00	35	-549.44	43	6148.23	35	-3.50	35
112	-97	-98	Max	105.83	0.00	43	0.00	43	0.00	43	-3083.09	43	4180.09	35	-3.50	35
112	-97	-98	Min.	0.00	0.00	35	0.00	35	0.00	43	-559.35	35	6014.65	39	-6.98	43
112	-97	-98	Min.	105.83	0.00	35	0.00	35	0.00	35	-3159.97	35	4091.38	39	-6.98	43
112	-98	-99	Max	0.00	0.00	43	0.00	43	0.00	35	-3783.09	43	4180.10	35	-3.50	35
112	-98	-99	Max	105.83	0.00	43	0.00	43	0.00	43	-6316.74	43	-1251.99	43	-3.50	35
112	-98	-99	Min.	0.00	0.00	35	0.00	35	0.00	43	-3859.97	35	4091.39	39	-6.98	43
112	-98	-99	Min.	105.83	0.00	35	0.00	35	0.00	35	-6460.59	35	-1281.20	35	-6.98	43
112	-99	-15	Max	0.00	0.00	43	0.00	35	0.00	43	-7016.75	43	-1252.03	43	-3.50	35
112	-99	-15	Max	68.83	0.00	43	0.00	35	0.00	35	-8664.62	43	-6649.04	43	-3.50	35
112	-99	-15	Min.	0.00	0.00	35	0.00	43	0.00	35	-7160.60	35	-1281.24	35	-6.98	43
112	-99	-15	Min.	68.83	0.00	35	0.00	43	0.00	43	-8852.03	35	-6792.26	35	-6.98	43
114	404	-100	Max	20.00	0.00	35	0.00	43	0.00	35	7345.72	35	-5583.07	43	4.49	39
114	404	-100	Max	105.83	0.00	35	0.00	43	0.00	43	5236.56	35	-323.90	43	4.49	39
114	404	-100	Min.	20.00	0.00	43	0.00	35	0.00	43	7154.61	43	-5737.54	35	1.31	43
114	404	-100	Min.	105.83	0.00	43	0.00	35	0.00	35	5099.76	43	-337.64	35	1.31	43
114	-100	-101	Max	0.00	0.00	35	0.00	43	0.00	35	5236.56	35	-323.90	43	4.49	39
114	-100	-101	Max	122.83	0.00	35	0.00	43	0.00	43	2218.20	35	4240.82	35	4.49	39
114	-100	-101	Min.	0.00	0.00	35	0.00	35	0.00	35	5099.76	43	-337.64	35	1.31	43
114	-100	-101	Min.	122.83	0.00	35	0.00	35	0.00	35	2159.13	43	4133.25	39	1.31	43
114	-101	-102	Max	0.00	0.00	35	0.00	43	0.00	35	2218.19	35	4240.83	35	4.49	39
114	-101	-102	Max	90.27									5242.01	35		
114	-101	-102	Max	105.83	0.00	35	0.00	43	0.00	43	-373.51	39	5212.25	35	4.49	39
114	-101	-102	Min.	0.00	0.00	43	0.00	35	0.00	43	2159.12	43	4133.26	39	1.31	43
114	-101	-102	Min.	90.23									5107.83	39		
114	-101	-102	Min.	105.83	0.00	43	0.00	35	0.00	35	-382.43	35	5078.63	43	1.31	43
114	-102	-103	Max	0.00	0.00	35	0.00	43	0.00	35	-373.50	39	5212.25	35	4.49	39
114	-102	-103	Max	105.83	0.00	35	0.00	43	0.00	43	-2907.15	39	3431.36	35	4.49	39
114	-102	-103	Min.	0.00	0.00	43	0.00	35	0.00	43	-382.42	35	5078.63	43	1.31	43
114	-102	-103	Min.	105.83	0.00	43	0.00	35	0.00	35	-2983.04	35	3341.54	43	1.31	43
114	-103	-104	Max	0.00	0.00	43	0.00	43	0.00	35	-2907.14	39	3431.37	35	4.49	39
114	-103	-104	Max	105.83	0.00	43	0.00	43	0.00	43	-5440.79	39	-1074.76	39	4.49	39
114	-103	-104	Min.	0.00	0.00	35	0.00	35	0.00	43	-2983.04	35	3341.55	43	1.31	43
114	-103	-104	Min.	105.83	0.00	35	0.00	35	0.00	35	-5583.66	35	-1101.84	35	1.31	43
114	-104	-16	Max	0.00	0.00	35	0.00	35	0.00	43	-5440.81	39	-1074.79	39	4.49	39
114	-104	-16	Max	68.83	0.00	35	0.00	35	0.00	35	-7088.68	39	-5387.03	39	4.49	39
114	-104	-16	Min.	0.00	0.00	43	0.00	43	0.00	35	-5583.67	35	-1101.88	35	1.31	43
114	-104	-16	Min.	68.83	0.00	43	0.00	43	0.00	43	-7275.10	35	-5527.44	35	1.31	43
116	305	-105	Max	20.00	0.00	35	0.00	43	0.00	35	7795.23	35	-6301.39	43	3.84	35
116	305	-105	Max	105.83	0.00	35	0.00	43	0.00	43	5715.21	35	-643.93	43	3.84	35
116	305	-105	Min.	20.00	0.00	43	0.00	35	0.00	43	7604.48	43	-6461.56	35	-0.62	43
116	305	-105	Min.	105.83	0.00	43	0.00	35	0.00	35	5577.95	43	-663.34	35	-0.62	43
116	-105	-106	Max	0.00	0.00	43	0.00	35	0.00	35	5715.21	35	-643.93	43	3.84	35
116	-105	-106	Max	122.83	0.00	43	0.00	35	0.00	35	2738.57	35	4528.69	35	3.84	35
116	-105	-106	Min.	0.00	0.00	35	0.00	35	0.00	35	5577.95	43	-663.34	35	-0.62	43
116	-105	-106	Min.	122.83	0.00	35	0.00	35	0.00	35	2677.86	43	4424.23	39	-0.62	43
116	-106	-107	Max	0.00	0.00	43	0.00	43	0.00	35	2738.56	35	4528.70	35	3.84	35
116	-106	-107	Max	105.83	0.00	43	0.00	43	0.00	43	181.42	39	6069.87	35	3.84	35
116	-106	-107	Min.	0.00	0.00	35	0.00	35	0.00	35	2677.85	43	4424.24	39	-0.62	43
116	-106	-107	Min.	105.83	0.00	35	0.00	35	0.00	35	173.88	35	5938.34	43	-0.62	43
116	-107	-108	Max	0.00	0.00	43	0.00	43	0.00	35	-518.57	39	6069.86	35	3.84	35
116	-107	-108	Max	105.83	0.00	43	0.00	43	0.00	43	-3017.30	39	4155.92	35	3.84	35
116	-107	-108	Min.	0.00	0.00	35	0.00	35	0.00	43	-526.12	35	5938.33	43	-0.62	43
116	-107	-108	Min.	105.83	0.00	35	0.00	35	0.00	35	-3090.79	35	4064.84	43	-0.62	43
116	-108	-109	Max	0.00	0.00	35	0.00	43	0.00	35	-3717.29	39	4155.93	35	3.84	35
116	-108	-109	Max	105.83	0.00	35	0.00	43	0.00	43	-6216.01	39	-1188.94	39	3.84	35
116	-108	-109	Min.	0.00	0.00	43	0.00	35	0.00	43	-3790.79	35	4064.85	43	-0.62	43
116	-108	-109	Min.	105.83	0.00	43	0.00	35	0.00	35	-6355.47	35	-1213.13	35	-0.62	43
116	-109	-7	Max	0.00	0.00	43	0.00	35	0.00	43	-6916.03	39	-1188.98	39	3.84	35
116	-109	-7	Max	68.83	0.00	43	0.00	35	0.00	35	-8541.19	39	-6508.84	39	3.84	35
116	-109	-7	Min.	0.00	0.00	35	0.00	43	0.00	35	-7055.48	35	-1213.17	35	-0.62	43
116	-109	-7	Min.	68.83	0.00	35	0.00	43	0.00	43	-8723.54	35	-6643.79	35	-0.62	43
119	106	-110	Max	20.00	0.00	43	0.00	43	0.00	35	4174.58	35	-3083.64	43	1.87	39
119	106	-110	Max	105.83	0.00	43	0.00	43	0.00	43	2944.75	35	-104.17	43	1.87	39
119	106	-110	Min.	20.00	0.00	35	0.00	35	0.00	43	4071.42	43	-3168.78	35	0.04	35
119	106	-110	Min.	105.83	0.00	35	0.00	35	0.00	35	2871.04	43	-113.40	35	0.04	35
119	-110	-111	Max	0.00	0.00	43	0.00	35	0.00	35	2944.75	35	-104.17	43	1.87	39
119	-110	-111	Max	122.83	0.00	43	0.00	35	0.00	35	1184.77	35	2422.81	35	1.87	39
119	-110	-111	Min.	0.00	0.00	35	0.00	35	0.00	35	2871.04	43	-113.40	35	0.04	35
119	-110	-111	Min.	122.83	0.00	35	0.00	35	0.00	35	1153.21	43	2364.75	39	0.04	35
119	-111	-112	Max													

119	-111	-112	Min.	105.83	0.00	43	0.00	35	0.00	35	-331.64	35	2804.66	43	0.04	35
119	-112	-113	Max	0.00	0.00	35	0.00	43	0.00	35	-323.56	39	2874.25	35	1.87	39
119	-112	-113	Max	105.83	0.00	35	0.00	43	0.00	43	-1803.64	39	1720.84	35	1.87	39
119	-112	-113	Min.	0.00	0.00	43	0.00	35	0.00	43	-331.64	35	2804.66	43	0.04	35
119	-112	-113	Min.	105.83	0.00	43	0.00	35	0.00	35	-1848.04	35	1675.52	43	0.04	35
119	-113	-114	Max	0.00	0.00	35	0.00	43	0.00	35	-1803.64	39	1720.85	35	1.87	39
119	-113	-114	Max	105.83	0.00	35	0.00	43	0.00	43	-3283.72	39	-1012.18	39	1.87	39
119	-113	-114	Min.	0.00	0.00	43	0.00	35	0.00	43	-1848.03	35	1675.52	43	0.04	35
119	-113	-114	Min.	105.83	0.00	43	0.00	35	0.00	35	-3364.44	35	-1037.42	35	0.04	35
119	-114	112	Max	0.00	0.00	35	0.00	35	0.00	43	-3283.73	39	-1012.20	39	1.87	39
119	-114	112	Max	68.83	0.00	35	0.00	35	0.00	35	-4246.36	39	-3603.81	39	1.87	39
119	-114	112	Min.	0.00	0.00	43	0.00	43	0.00	35	-3364.44	35	-1037.44	35	0.04	35
119	-114	112	Min.	68.83	0.00	43	0.00	43	0.00	43	-4350.70	35	-3692.74	35	0.04	35
207	107	113	Max	0.00	0.00	35	0.00	35	0.00	35	578.04	35	-738.47	39	41.41	35
207	107	113	Max	268.74									8.45	35		
207	107	113	Max	397.50	0.00	35	0.00	35	0.00	35	-255.60	43	-154.59	43	41.41	35
207	107	113	Min.	0.00	0.00	43	0.00	35	0.00	35	549.88	39	-768.27	35	34.57	39
207	107	113	Min.	270.22									4.47	39		
207	107	113	Min.	397.50	0.00	43	0.00	35	0.00	35	-276.94	35	-169.84	35	34.57	39
207	113	119	Max	12.50	0.00	35	0.00	35	0.00	35	352.44	35	-140.75	39	15.91	35
207	113	119	Max	176.36									138.04	35		
207	113	119	Max	397.50	0.00	35	0.00	35	0.00	35	-448.05	43	-362.42	43	15.91	35
207	113	119	Min.	12.50	0.00	35	0.00	35	0.00	35	332.79	39	-150.71	35	13.52	39
207	113	119	Min.	177.32									130.84	43		
207	113	119	Min.	397.50	0.00	35	0.00	35	0.00	35	-475.65	35	-387.89	35	13.52	39
207	119	125	Max	12.50	0.00	35	0.00	35	0.00	35	591.02	35	-483.42	39	6.38	35
207	119	125	Max	287.28									302.14	35		
207	119	125	Max	577.50	0.00	35	0.00	35	0.00	35	-588.96	43	-566.80	43	6.38	35
207	119	125	Min.	12.50	0.00	43	0.00	35	0.00	35	559.47	39	-509.86	35	4.37	43
207	119	125	Min.	288.07									285.50	43		
207	119	125	Min.	577.50	0.00	43	0.00	35	0.00	35	-624.24	35	-603.71	35	4.37	43
207	125	231	Max	12.50	0.00	35	0.00	35	0.00	35	649.10	35	-589.62	39	-17.36	39
207	125	231	Max	314.28									354.96	35		
207	125	231	Max	577.50	0.00	35	0.00	35	0.00	35	-533.79	43	-364.24	43	-17.36	39
207	125	231	Min.	12.50	0.00	39	0.00	35	0.00	35	613.39	39	-624.46	35	-21.74	35
207	125	231	Min.	313.93									334.85	39		
207	125	231	Min.	577.50	0.00	39	0.00	35	0.00	35	-566.16	35	-390.18	35	-21.74	35
219	112	118	Max	0.00	0.00	35	0.00	35	0.00	35	591.86	35	-773.34	43	-38.75	43
219	112	118	Max	276.73									7.78	35		
219	112	118	Max	397.50	-0.00	39	0.00	35	0.00	35	-241.02	39	-139.17	39	-38.75	43
219	112	118	Min.	0.00	0.00	35	0.00	35	0.00	35	560.56	43	-811.16	35	-49.84	35
219	112	118	Min.	276.80									2.48	43		
219	112	118	Min.	397.50	-0.00	35	0.00	35	0.00	35	-258.29	35	-148.18	35	-49.84	35
219	118	124	Max	12.50	0.00	35	0.00	35	0.00	35	352.69	35	-137.76	43	-13.64	43
219	118	124	Max	177.41									138.77	35		
219	118	124	Max	397.50	0.00	35	0.00	35	0.00	35	-446.15	39	-359.30	39	-13.64	43
219	118	124	Min.	12.50	0.00	43	0.00	35	0.00	35	330.95	43	-152.03	35	-16.05	35
219	118	124	Min.	177.19									132.15	39		
219	118	124	Min.	397.50	0.00	43	0.00	35	0.00	35	-470.73	35	-379.25	35	-16.05	35
219	124	130	Max	12.50	0.00	43	0.00	35	0.00	35	589.85	35	-483.87	43	-3.66	39
219	124	130	Max	288.29									299.92	35		
219	124	130	Max	577.50	0.00	43	0.00	35	0.00	35	-585.23	39	-561.79	39	-3.66	39
219	124	130	Min.	12.50	0.00	35	0.00	35	0.00	35	557.67	43	-513.46	35	-4.67	35
219	124	130	Min.	288.52									283.82	39		
219	124	130	Min.	577.50	0.00	35	0.00	35	0.00	35	-618.54	35	-594.51	35	-4.67	35
219	130	136	Max	12.50	0.00	35	0.00	35	0.00	35	649.60	35	-591.47	43	27.24	35
219	130	136	Max	316.23									354.78	35		
219	130	136	Max	577.50	0.00	35	0.00	35	0.00	35	-529.56	39	-357.33	39	27.24	35
219	130	136	Min.	12.50	0.00	43	0.00	35	0.00	35	612.27	43	-631.73	35	20.50	43
219	130	136	Min.	314.84									334.08	43		
219	130	136	Min.	577.50	0.00	43	0.00	35	0.00	35	-558.79	35	-375.19	35	20.50	43
303	113	-131	Max	12.47	-1161.19	43	155.04	35	-213.62	43	757.11	35	-328.10	43	0.59	39
303	113	-131	Max	145.35	-1146.68	43	155.04	35	-12.01	43	549.98	35	483.52	35	0.59	39
303	113	-131	Min.	12.47	-1322.54	35	151.69	39	-218.41	35	670.61	39	-384.94	35	-0.97	35
303	113	-131	Min.	145.35	-1308.03	35	151.69	39	-12.39	35	463.49	39	420.50	39	-0.97	35
303	-131	-132	Max	0.00	-1114.70	43	29.59	35	-24.22	43	38.58	43	483.94	35	-0.27	39
303	-131	-132	Max	18.37					-19.44	35			486.57	35		
303	-131	-132	Max	142.35	-1099.16	43	29.59	35	17.25	35	-183.29	43	366.79	35	-0.27	39
303	-131	-132	Min.	0.00	-1269.42	35	28.87	43	-24.87	35	28.64	35	420.92	39	-1.85	35
303	-131	-132	Min.	23.13					-17.63	39			425.09	39		
303	-131	-132	Min.	142.35	-1253.88	35	28.87	43	16.85	39	-193.24	35	314.31	39	-1.85	35
303	-132	314	Max	0.00	-1067.76	43	90.30	35	3.68	35	-606.75	43	367.29	35	-1.20	39
303	-132	314	Max	129.88	-1053.58	43	90.30	35	120.95	35	-809.19	43	-592.91	43	-1.20	39
303	-132	314	Min.	0.00	-1215.90	35	87.94	43	3.51	39	-709.62	35	314.79	39	-2.80	35
303	-132	314	Min.	129.88	-1201.72	35	87.94	43	117.80	43	-912.06	35	-685.82	35	-2.80	35
303	314	-147	Max	12.47	-1056.47	43	76.92	35	-101.12	43	550.64	35	-414.73	39	-0.65	39
303	314	-147	Max	175.93	-1038.63	43	76.92	35	21.22	35	295.86	35	214.74	35	-0.65	39
303	314	-147	Min.	12.47	-1185.11	35	74.52	43	-104.52	35	488.67	39	-477.10	35	-1.75	35
303	314	-147	Min.	175.93	-1167.27	35	74.52	43	20.67	39	233.88	39	173.12	43	-1.75	35
303	-147	415	Max	0.00	-1001.44	43	50.72	35	7.96	35	-258.21	43	214.85	35	-1.55	39
303	-147	415	Max	162.46	-983.70	43	50.72	35	90.36	35	-511.44	43	-452.03	43	-1.55	39
303	-147	415	Min.	0.00	-1122.02	35	49.17	43	7.79	39	-330.09	35	173.15	43	-2.68	35
303	-147	415	Min.	162.46	-1104.28	35	49.17	43	87.72	43	-583.31	35	-527.10	35	-2.68	35
303	415	-10	Max	12.47	-1096.59	39	127.78	35	-78.12	43	854.75	35	-609.95	39	-70.03	39
303	415	-10	Max	221.04	-1073.82	39	127.78	35	182.85	35	529.65	35	778.85	35	-70.03	39
303	415	-10	Min.	12.47	-1208.41	35	120.55	43	-83.67	35	797.73	39	-664.87	35	-76.88	35
303	415	-10	Min.	221.04	-1185.64	35	120.55	43	173.31	43	472.63	39	714.86	39	-76.88	35
303	-10	416	Max	0.00	-1065.79	43	-186.18	39	241.32	35	-481.75	43	782.69	35	74.88	35
303	-10	416	Max	208.57	-1088.55	43	-186.18	39	-156.23	39	-806.85	43	-629.03			

303	-10	416	Min.	208.57	-1200.47	35	-193.08	35	-161.38	35	-876.61	35	-706.63	35	67.81	43
303	416	-149	Max	12.47	-946.80	39	-19.52	39	43.33	35	547.35	35	-426.37	39	4.11	35
303	416	-149	Max	174.93	-964.53	39	-19.52	39	9.55	35	294.12	35	210.43	35	4.11	35
303	416	-149	Min.	12.47	-1049.21	35	-20.79	35	41.03	39	494.57	39	-473.08	35	2.79	43
303	416	-149	Min.	174.93	-1066.94	35	-20.79	35	9.28	43	241.35	39	171.41	39	2.79	43
303	-149	317	Max	0.00	-1001.88	39	-53.84	39	19.53	35	-252.34	43	210.50	35	3.41	35
303	-149	317	Max	163.46	-1019.72	39	-53.84	39	-69.10	39	-507.13	43	-448.18	43	3.41	35
303	-149	317	Min.	0.00	-1112.36	35	-56.07	35	18.91	43	-331.81	35	171.48	39	2.12	43
303	-149	317	Min.	163.46	-1130.21	35	-56.07	35	-72.12	35	-586.60	35	-540.12	35	2.12	43
303	317	-151	Max	12.47	-986.89	39	-98.61	39	136.44	35	891.21	35	-566.11	39	2.63	35
303	317	-151	Max	145.35	-1001.40	39	-98.61	39	2.58	35	684.08	35	402.77	35	2.63	35
303	317	-151	Min.	12.47	-1094.01	35	-100.73	35	133.51	39	791.96	39	-643.89	35	0.89	43
303	317	-151	Min.	145.35	-1108.52	35	-100.73	35	2.40	43	584.83	39	339.30	43	0.89	43
303	-151	-152	Max	0.00	-1033.38	39	-43.58	39	16.04	35	168.54	43	402.48	35	1.68	35
303	-151	-152	Max	104.41					-30.48	35			487.44	35		
303	-151	-152	Max	142.35	-1048.92	39	-43.58	39	-46.35	39	-53.34	43	476.23	35	1.68	35
303	-151	-152	Min.	0.00	-1147.17	35	-44.55	35	15.65	43	157.39	39	338.96	43	-0.03	43
303	-151	-152	Min.	100.98					-28.32	39			427.86	39		
303	-151	-152	Min.	142.35	-1162.71	35	-44.55	35	-47.38	35	-64.48	39	414.52	39	-0.03	43
303	-152	118	Max	0.00	-1079.85	39	-112.92	43	-34.09	39	-476.83	43	475.90	35	0.81	35
303	-152	118	Max	129.88	-1094.02	39	-112.92	43	-180.92	43	-679.27	43	-330.19	43	0.81	35
303	-152	118	Min.	0.00	-1200.18	35	-115.72	35	-34.85	35	-575.55	35	414.19	39	-0.89	43
303	-152	118	Min.	129.88	-1214.36	35	-115.72	35	-185.15	35	-777.99	35	-403.07	35	-0.89	43
304	119	-129	Max	12.47	-1613.29	43	117.15	35	-188.38	43	877.75	35	-389.17	43	0.23	39
304	119	-129	Max	145.35	-1598.79	43	117.15	35	-36.84	43	670.63	35	572.25	35	0.23	39
304	119	-129	Min.	12.47	-1835.17	35	114.03	43	-193.33	35	772.45	39	-456.54	35	-0.78	35
304	119	-129	Min.	145.35	-1820.66	35	114.03	43	-37.66	35	565.32	39	494.43	39	-0.78	35
304	-129	-130	Max	0.00	-1562.97	43	59.14	35	-50.91	43	36.46	43	572.22	35	-0.75	39
304	-129	-130	Max	15.92					-42.65	35			574.19	35		
304	-129	-130	Max	142.35	-1547.43	43	59.14	35	32.12	35	-185.41	43	449.63	35	-0.75	39
304	-129	-130	Min.	0.00	-1776.85	35	57.82	43	-52.07	35	24.82	35	494.40	39	-1.79	35
304	-129	-130	Min.	21.84					-38.36	39			498.11	39		
304	-129	-130	Min.	142.35	-1761.31	35	57.82	43	31.40	43	-197.05	35	384.93	39	-1.79	35
304	-130	320	Max	0.00	-1511.94	43	80.74	35	16.42	35	-711.82	43	449.61	35	-1.82	39
304	-130	320	Max	129.88	-1497.76	43	80.74	35	121.28	35	-914.26	43	-659.12	43	-1.82	39
304	-130	320	Min.	0.00	-1717.93	35	78.51	43	16.09	43	-836.79	35	384.91	39	-2.89	35
304	-130	320	Min.	129.88	-1703.75	35	78.51	43	118.05	43	-1039.23	35	-768.66	35	-2.89	35
304	320	-137	Max	12.47	-1568.52	43	77.63	35	-103.93	43	606.02	35	-468.47	39	0.72	39
304	320	-137	Max	175.93	-1550.68	43	77.63	35	19.57	35	351.23	35	238.78	35	0.72	39
304	320	-137	Min.	12.47	-1756.72	35	75.24	43	-107.32	35	532.19	39	-543.59	35	0.13	35
304	320	-137	Min.	175.93	-1738.88	35	75.24	43	18.99	39	277.40	39	190.46	43	0.13	35
304	-137	421	Max	0.00	-1507.69	43	59.19	35	5.30	35	-336.73	43	238.78	35	-0.25	39
304	-137	421	Max	162.46	-1489.96	43	59.19	35	101.46	35	-589.95	43	-562.27	43	-0.25	39
304	-137	421	Min.	0.00	-1686.17	35	57.58	43	5.13	39	-422.09	35	190.47	43	-0.87	35
304	-137	421	Min.	162.46	-1668.43	35	57.58	43	98.76	43	-675.31	35	-652.62	35	-0.87	35
304	421	-11	Max	12.47	-1716.22	39	121.54	35	-76.72	43	1069.43	35	-768.54	39	-40.62	39
304	421	-11	Max	221.04	-1693.45	39	121.54	35	172.18	35	744.33	35	1046.49	35	-40.62	39
304	421	-11	Min.	12.47	-1892.19	35	115.69	43	-81.31	35	988.02	39	-845.00	35	-44.16	35
304	421	-11	Min.	221.04	-1869.42	35	115.69	43	164.56	43	662.93	39	953.15	39	-44.16	35
304	-11	422	Max	0.00	-1689.71	39	-165.51	39	212.33	35	-673.08	43	1046.59	35	43.22	35
304	-11	422	Max	208.57	-1712.48	39	-165.51	39	-140.38	39	-998.18	43	-789.69	43	43.22	35
304	-11	422	Min.	0.00	-1865.68	35	-171.21	35	204.82	39	-765.00	35	953.18	43	39.56	43
304	-11	422	Min.	208.57	-1888.45	35	-171.21	35	-144.77	35	-1090.09	35	-887.99	35	39.56	43
304	422	-140	Max	12.47	-1460.70	39	-32.12	39	58.12	35	638.16	35	-534.16	39	1.86	35
304	422	-140	Max	174.93	-1478.44	39	-32.12	39	3.62	35	384.94	35	235.44	35	1.86	35
304	422	-140	Min.	12.47	-1619.86	35	-33.55	35	55.59	39	572.24	39	-595.61	35	1.12	43
304	422	-140	Min.	174.93	-1637.60	35	-33.55	35	3.35	43	319.02	39	189.81	39	1.12	43
304	-140	323	Max	0.00	-1521.72	39	-53.27	39	15.14	35	-296.80	43	235.44	35	1.06	35
304	-140	323	Max	163.46	-1539.56	39	-53.27	39	-72.56	39	-551.58	43	-502.57	43	1.06	35
304	-140	323	Min.	0.00	-1690.61	35	-55.64	35	14.47	43	-388.36	35	189.80	39	0.34	43
304	-140	323	Min.	163.46	-1708.45	35	-55.64	35	-75.81	35	-643.14	35	-607.60	35	0.34	43
304	323	-145	Max	12.47	-1445.94	39	-87.64	39	132.54	35	1017.50	35	-633.50	39	3.98	35
304	323	-145	Max	145.35	-1460.45	39	-87.64	39	13.06	35	810.37	35	486.80	35	3.98	35
304	323	-145	Min.	12.47	-1608.33	35	-89.91	35	129.32	39	896.34	39	-727.70	35	2.50	43
304	323	-145	Min.	145.35	-1622.83	35	-89.91	35	12.85	43	689.22	39	410.63	43	2.50	43
304	-145	-146	Max	0.00	-1496.19	39	-62.52	39	28.84	35	168.96	43	486.81	35	2.88	35
304	-145	-146	Max	105.58					-38.56	35			573.68	35		
304	-145	-146	Max	142.35	-1511.73	39	-62.52	39	-60.74	39	-52.91	43	563.14	35	2.88	35
304	-145	-146	Min.	0.00	-1666.56	35	-63.83	35	28.26	43	157.93	39	410.64	43	1.42	43
304	-145	-146	Min.	101.32					-35.09	39			500.02	39		
304	-145	-146	Min.	142.35	-1682.10	35	-63.83	35	-62.03	35	-63.95	39	486.90	39	1.42	43
304	-146	124	Max	0.00	-1547.32	39	-94.15	43	-47.49	39	-579.32	43	563.18	35	1.93	35
304	-146	124	Max	129.88	-1561.50	39	-94.15	43	-169.81	39	-781.75	43	-390.59	43	1.93	35
304	-146	124	Min.	0.00	-1725.60	35	-96.82	35	-48.47	35	-697.04	35	486.93	39	0.49	43
304	-146	124	Min.	129.88	-1739.78	35	-96.82	35	-174.22	35	-899.48	35	-473.59	35	0.49	43
305	125	-127	Max	12.47	-1942.53	43	98.14	35	-170.96	43	993.26	35	-454.30	39	5.34	35
305	125	-127	Max	145.35	-1928.02	43	98.14	35	-43.82	43	786.13	35	651.99	35	5.34	35
305	125	-127	Min.	12.47	-2206.64	35	95.59	39	-175.19	35	868.14	39	-530.29	35	5.06	43
305	125	-127	Min.	145.35	-2192.14	35	95.59	39	-44.78	35	661.01	39	561.72	39	5.06	43
305	-127	-128	Max	0.00	-1883.85	43	62.75	35	-56.39	43	31.66	43	651.72	35	4.44	35
305	-127	-128	Max	10.38					-51.12	35			652.56	35		
305	-127	-128	Max	142.35	-1868.31	43	62.75	35	31.69	35	-190.21	43	516.84	35	4.44	35
305	-127	-128	Min.	0.00	-2138.51	35	61.48	43	-57.64	35	16.19	35	561.50	39	4.18	43
305	-127	-128	Min.	16.81					-46.19	39			563.71	39		
305																

305	326	-136	Max	175.93	-1837.63	43	61.73	35	18.55	35	417.00	35	275.67	35	2.18	39
305	326	-136	Min.	12.47	-2082.11	35	60.28	43	-82.36	35	585.25	39	-614.19	35	1.67	35
305	326	-136	Min.	175.93	-2064.27	35	60.28	43	18.02	39	330.46	39	219.39	43	1.67	35
305	-136	427	Max	0.00	-1785.30	43	43.87	35	6.91	35	-404.81	43	275.58	35	1.38	39
305	-136	427	Max	162.46	-1767.56	43	43.87	35	78.19	35	-658.03	43	-644.02	43	1.38	39
305	-136	427	Min.	0.00	-2000.44	35	43.33	43	6.62	39	-503.44	35	219.32	43	0.85	35
305	-136	427	Min.	162.46	-1982.71	35	43.33	43	77.11	43	-756.66	35	-747.98	35	0.85	35
305	427	-12	Max	12.47	-2006.53	39	87.03	35	-43.07	43	1243.39	35	-906.30	39	-32.11	39
305	427	-12	Max	221.04	-1983.76	39	87.03	35	136.37	35	918.29	35	1255.59	35	-32.11	39
305	427	-12	Min.	12.47	-2221.25	35	83.70	43	-45.14	35	1144.85	39	-998.73	35	-34.40	35
305	427	-12	Min.	221.04	-2198.49	35	83.70	43	131.51	43	819.75	39	1142.40	43	-34.40	35
305	-12	428	Max	0.00	-1985.80	39	-127.97	39	171.16	35	-830.77	43	1255.22	35	33.40	35
305	-12	428	Max	208.57	-2008.57	39	-127.97	39	-100.44	39	-1155.87	43	-929.32	43	33.40	35
305	-12	428	Min.	0.00	-2200.53	35	-131.08	35	166.46	39	-940.37	35	1142.11	39	30.99	43
305	-12	428	Min.	208.57	-2223.29	35	-131.08	35	-102.24	35	-1265.47	35	-1045.15	35	30.99	43
305	428	-139	Max	12.47	-1746.31	39	-21.76	39	39.01	35	718.27	35	-614.91	39	0.28	35
305	428	-139	Max	174.93	-1764.05	39	-21.76	39	3.13	35	465.05	35	272.90	35	0.28	35
305	428	-139	Min.	12.47	-1940.92	35	-22.09	35	38.16	39	639.89	39	-688.29	35	-0.43	43
305	428	-139	Min.	174.93	-1958.65	35	-22.09	35	2.73	43	386.67	39	218.96	39	-0.43	43
305	-139	329	Max	0.00	-1816.41	39	-39.10	39	12.35	35	-350.21	43	272.97	35	-0.37	35
305	-139	329	Max	163.46	-1834.25	39	-39.10	39	-52.12	39	-604.99	43	-560.91	43	-0.37	35
305	-139	329	Min.	0.00	-2022.51	35	-40.52	35	11.73	43	-455.39	35	219.03	39	-1.06	43
305	-139	329	Min.	163.46	-2040.35	35	-40.52	35	-53.89	35	-710.17	35	-679.64	35	-1.06	43
305	329	-143	Max	12.47	-1761.96	39	-69.97	39	110.40	35	1142.31	35	-713.37	39	-2.82	35
305	329	-143	Max	145.35	-1776.47	39	-69.97	39	15.34	35	935.18	35	556.60	35	-2.82	35
305	329	-143	Min.	12.47	-1960.88	35	-71.54	35	108.20	39	1000.21	39	-823.75	35	-3.10	43
305	329	-143	Min.	145.35	-1975.38	35	-71.54	35	15.19	43	793.08	39	468.60	43	-3.10	43
305	-143	-144	Max	0.00	-1820.60	39	-63.25	39	29.47	35	171.89	43	556.29	35	-3.79	39
305	-143	-144	Max	106.01					-38.82	35			643.87	35		
305	-143	-144	Max	142.35	-1836.14	39	-63.25	39	-61.01	39	-49.98	43	633.58	35	-3.79	39
305	-143	-144	Min.	0.00	-2028.97	35	-64.41	35	29.02	43	158.27	39	468.33	43	-4.07	43
305	-143	-144	Min.	101.54					-35.20	39			558.23	39		
305	-143	-144	Min.	142.35	-2044.50	35	-64.41	35	-62.22	35	-63.61	39	545.25	39	-4.07	43
305	-144	130	Max	0.00	-1879.93	39	-85.40	43	-49.07	39	-679.04	43	633.87	35	-4.62	39
305	-144	130	Max	129.88	-1894.11	39	-85.40	43	-160.14	39	-881.48	43	-458.07	43	-4.62	39
305	-144	130	Min.	0.00	-2097.65	35	-87.84	35	-50.01	35	-819.42	35	545.47	39	-4.90	43
305	-144	130	Min.	129.88	-2111.83	35	-87.84	35	-164.10	35	-1021.86	35	-561.84	35	-4.90	43
306	231	-125	Max	12.47	-815.56	43	49.03	39	-118.45	43	640.53	35	-287.64	39	46.34	35
306	231	-125	Max	145.35	-801.06	43	49.03	39	-53.68	43	433.41	35	390.97	35	46.34	35
306	231	-125	Min.	12.47	-1002.19	35	48.57	35	-119.62	35	579.42	39	-322.58	35	41.19	43
306	231	-125	Min.	145.35	-987.68	35	48.57	35	-55.08	35	372.29	39	337.83	43	41.19	43
306	-125	-126	Max	0.00	-780.78	43	61.75	35	-59.19	43	70.54	43	391.18	35	45.95	35
306	-125	-126	Max	30.99					-41.56	35			398.66	35		
306	-125	-126	Max	142.35	-765.24	43	61.75	35	27.20	35	-151.34	43	302.02	35	45.95	35
306	-125	-126	Min.	0.00	-962.72	35	60.54	43	-60.69	35	48.30	35	337.99	43	40.81	43
306	-125	-126	Min.	45.25					-31.79	43			353.95	43		
306	-125	-126	Min.	142.35	-947.18	35	60.54	43	26.99	43	-173.57	35	264.89	39	40.81	43
306	-126	332	Max	0.00	-745.40	43	29.33	35	20.91	35	-466.01	43	301.77	35	45.51	35
306	-126	332	Max	129.88	-731.22	43	29.33	35	59.00	35	-668.45	43	-456.45	43	45.51	35
306	-126	332	Min.	0.00	-922.70	35	28.48	43	20.81	39	-555.11	35	264.68	39	40.38	43
306	-126	332	Min.	129.88	-908.52	35	28.48	43	57.81	43	-757.55	35	-550.65	35	40.38	43
306	332	-135	Max	12.47	-763.42	43	20.83	39	-30.07	35	426.68	35	-269.88	39	48.28	35
306	332	-135	Max	175.93	-745.58	43	20.83	39	3.51	43	171.90	35	173.85	35	48.28	35
306	332	-135	Min.	12.47	-877.87	35	20.07	35	-30.62	39	382.17	39	-326.74	43	43.19	43
306	332	-135	Min.	175.93	-860.02	35	20.07	35	2.73	35	127.39	39	143.55	43	43.19	43
306	-135	433	Max	0.00	-720.70	43	48.75	35	-0.79	43	-217.59	43	173.93	35	47.98	35
306	-135	433	Max	162.46	-702.97	43	48.75	35	77.61	35	-470.81	43	-415.56	43	47.98	35
306	-135	433	Min.	0.00	-829.40	35	46.22	43	-1.59	35	-288.41	35	143.62	43	42.89	43
306	-135	433	Min.	162.46	-811.67	35	46.22	43	74.31	43	-541.63	35	-500.31	35	42.89	43
306	433	-13	Max	12.47	-824.57	39	-29.71	39	38.76	35	671.22	35	-456.65	39	151.63	35
306	433	-13	Max	221.04	-801.80	39	-29.71	39	-27.76	39	346.12	35	565.60	35	151.63	35
306	433	-13	Min.	12.47	-889.45	35	-37.77	35	34.20	39	630.49	39	-495.34	35	133.17	43
306	433	-13	Min.	221.04	-866.68	35	-37.77	35	-40.01	35	305.39	39	519.34	39	133.17	43
306	-13	434	Max	0.00	-796.50	43	5.83	35	-8.76	43	-322.12	43	566.09	35	-136.45	39
306	-13	434	Max	208.57	-819.26	43	5.83	35	-8.97	35	-647.21	43	-491.00	43	-136.45	39
306	-13	434	Min.	0.00	-862.80	35	-2.42	43	-21.14	35	-380.08	35	519.83	39	-154.54	35
306	-13	434	Min.	208.57	-885.57	35	-2.42	43	-13.81	43	-705.17	35	-565.67	35	-154.54	35
306	434	-138	Max	12.47	-644.61	39	-26.21	39	40.22	35	478.65	35	-367.89	39	-40.34	39
306	434	-138	Max	174.93	-662.35	39	-26.21	39	-5.41	39	225.43	35	169.67	35	-40.34	39
306	434	-138	Min.	12.47	-702.95	35	-28.51	35	37.18	39	440.69	39	-416.67	43	-44.88	35
306	434	-138	Min.	174.93	-720.69	35	-28.51	35	-6.09	35	187.47	39	142.36	39	-44.88	35
306	-138	335	Max	0.00	-687.61	39	-2.06	35	-2.26	39	-159.49	43	169.60	35	-40.56	39
306	-138	335	Max	163.46	-705.45	39	-2.06	35	-6.30	35	-414.27	43	-325.18	43	-40.56	39
306	-138	335	Min.	0.00	-751.71	35	-2.90	43	-2.94	35	-234.85	35	142.30	39	-45.10	35
306	-138	335	Min.	163.46	-769.55	35	-2.90	43	-7.07	43	-489.63	35	-422.51	35	-45.10	35
306	335	-141	Max	12.47	-613.42	39	-36.97	39	69.46	35	714.94	35	-412.99	39	-39.91	39
306	335	-141	Max	145.35	-627.92	39	-36.97	39	19.45	39	507.81	35	341.42	35	-39.91	39
306	335	-141	Min.	12.47	-728.12	43	-37.65	35	68.57	39	642.41	39	-471.01	35	-44.75	35
306	335	-141	Min.	145.35	-742.62	43	-37.65	35	19.42	43	435.28	39	289.33	43	-44.75	35
306	-141	-142	Max	0.00	-648.01	39	-61.53	39	25.60	35	140.47	43	341.67	35	-40.34	39
306	-141	-142	Max	78.72					-23.71	35			389.96	35		
306	-141	-142	Max	142.35	-663.55	39	-61.53	39	-62.09	39	-81.41	43	358.41	35	-40.34	39
306	-141	-142	Min.	0.00	-762.70	43	-62.63	35	25.49	43	117.74	39	289.54	43	-45.18	35
306	-141	-142	Min.	75.54					-20.98	39	</					

308	-133	-131	Max	205.00					-1.58	35			267.92	35		
308	-133	-131	Max	410.00	205.65	35	-1.58	43	-4.79	43	-214.31	39	0.00	35	-0.27	43
308	-133	-131	Min.	0.00	201.37	39	-1.62	35	1.70	43	214.31	39	0.00	35	-0.33	39
308	-133	-131	Min.	205.00					-1.55	39			219.67	39		
308	-133	-131	Min.	410.00	201.37	39	-1.62	35	-4.90	35	-261.38	35	0.00	39	-0.33	39
308	-131	-129	Max	0.00	80.21	35	-3.63	43	7.61	35	261.38	35	0.00	35	0.11	35
308	-131	-129	Max	205.00					0.00	35			267.92	35		
308	-131	-129	Max	410.00	80.21	35	-3.63	43	-7.43	43	-214.31	39	0.00	35	0.11	35
308	-131	-129	Min.	0.00	78.60	39	-3.71	35	7.44	43	214.31	39	0.00	35	0.09	43
308	-131	-129	Min.	205.00					0.01	39			219.67	39		
308	-131	-129	Min.	410.00	78.60	39	-3.71	35	-7.61	35	-261.38	35	0.00	39	0.09	43
308	-129	-127	Max	0.00	22.41	39	-2.24	43	6.84	35	385.91	35	0.00	35	0.07	35
308	-129	-127	Max	295.00					0.06	35			569.21	35		
308	-129	-127	Max	590.00	22.41	39	-2.24	43	-6.56	43	-318.17	39	0.00	39	0.07	35
308	-129	-127	Min.	0.00	22.20	35	-2.30	35	6.68	43	318.17	39	0.00	35	0.06	43
308	-129	-127	Min.	295.00					0.06	39			469.31	39		
308	-129	-127	Min.	590.00	22.20	35	-2.30	35	-6.71	35	-385.91	35	0.00	35	0.06	43
308	-127	-125	Max	0.00	-11.59	39	-1.96	43	6.18	35	385.91	35	0.00	35	-0.16	39
308	-127	-125	Max	295.00					0.28	35			569.21	35		
308	-127	-125	Max	590.00	-11.59	39	-1.96	43	-5.52	43	-318.17	39	0.00	35	-0.16	39
308	-127	-125	Min.	0.00	-13.18	35	-2.00	35	6.04	43	318.17	39	0.00	35	-0.20	35
308	-127	-125	Min.	295.00					0.26	39			469.31	39		
308	-127	-125	Min.	590.00	-13.18	35	-2.00	35	-5.63	35	-385.90	35	0.00	39	-0.20	35
309	-134	-132	Max	0.00	-49.73	43	-2.12	43	3.27	39	258.89	35	0.00	35	-0.47	43
309	-134	-132	Max	205.00					-1.15	35			265.36	35		
309	-134	-132	Max	410.00	-49.73	43	-2.12	43	-5.47	43	-212.31	39	0.00	35	-0.47	43
309	-134	-132	Min.	0.00	-52.29	35	-2.15	35	3.24	43	212.31	39	0.00	35	-0.55	35
309	-134	-132	Min.	205.00					-1.12	39			217.62	39		
309	-134	-132	Min.	410.00	-52.29	35	-2.15	35	-5.56	35	-258.89	35	0.00	39	-0.55	35
309	-132	-130	Max	0.00	9.35	43	-3.86	43	8.05	35	258.89	35	0.00	35	-0.04	39
309	-132	-130	Max	205.00					-0.07	35			265.36	35		
309	-132	-130	Max	410.00	9.35	43	-3.86	43	-7.98	43	-212.31	39	0.00	35	-0.04	39
309	-132	-130	Min.	0.00	8.42	35	-3.96	35	7.85	43	212.31	39	0.00	35	-0.05	35
309	-132	-130	Min.	205.00					-0.07	39			217.62	39		
309	-132	-130	Min.	410.00	8.42	35	-3.96	35	-8.19	35	-258.89	35	0.00	39	-0.05	35
309	-130	-128	Max	0.00	30.03	43	-2.48	43	7.55	35	382.31	35	0.00	35	-0.06	43
309	-130	-128	Max	295.00					0.04	35			563.91	35		
309	-130	-128	Max	590.00	30.03	43	-2.48	43	-7.29	43	-315.29	39	0.00	39	-0.06	43
309	-130	-128	Min.	0.00	29.78	39	-2.55	35	7.37	43	315.29	39	0.00	35	-0.07	35
309	-130	-128	Min.	295.00					0.04	39			465.05	39		
309	-130	-128	Min.	590.00	29.78	39	-2.55	35	-7.47	35	-382.31	35	0.00	35	-0.07	35
309	-128	-126	Max	0.00	32.42	35	-2.19	43	6.87	35	382.31	35	0.00	35	0.24	35
309	-128	-126	Max	295.00					0.28	35			563.91	35		
309	-128	-126	Max	590.00	32.42	35	-2.19	43	-6.19	43	-315.29	39	0.00	35	0.24	35
309	-128	-126	Min.	0.00	31.89	39	-2.23	35	6.72	43	315.29	39	0.00	35	0.21	39
309	-128	-126	Min.	295.00					0.26	39			465.05	39		
309	-128	-126	Min.	590.00	31.89	39	-2.23	35	-6.31	35	-382.31	35	0.00	39	0.21	39
310	308	314	Max	0.00	148.00	43	-31.15	43	39.10	35	566.62	35	0.00	39	-19.87	43
310	308	314	Max	198.75					-24.47	35			563.08	35		
310	308	314	Max	397.50	148.00	43	-31.15	43	-85.77	43	-516.13	39	0.00	39	-19.87	43
310	308	314	Min.	0.00	140.34	35	-31.99	35	38.04	43	516.13	39	0.00	35	-23.04	35
310	308	314	Min.	198.75					-23.84	39			512.91	39		
310	308	314	Min.	397.50	140.34	35	-31.99	35	-88.05	35	-566.62	35	0.00	35	-23.04	35
310	314	320	Max	12.50	45.77	43	-65.05	39	129.00	35	503.54	35	-249.91	39	-5.49	39
310	314	320	Max	189.12					10.70	35			177.25	35		
310	314	320	Max	397.50	45.77	43	-65.05	39	-125.19	39	-536.97	43	-395.00	43	-5.49	39
310	314	320	Min.	12.50	33.92	35	-66.98	35	125.25	39	461.69	39	-267.43	35	-6.33	35
310	314	320	Min.	190.72					9.35	43			160.16	43		
310	314	320	Min.	397.50	33.92	35	-66.98	35	-128.88	35	-594.06	35	-441.68	35	-6.33	35
310	320	326	Max	12.50	-55.56	43	-31.42	39	90.07	35	795.21	35	-645.95	39	-2.72	39
310	320	326	Max	291.43					0.07	35			403.19	35		
310	320	326	Max	577.50	-55.56	43	-31.42	39	-89.84	39	-741.45	43	-691.48	43	-2.72	39
310	320	326	Min.	12.50	-71.45	35	-32.27	35	87.68	39	725.31	39	-705.87	35	-3.12	35
310	320	326	Min.	291.80					-0.08	39			366.93	39		
310	320	326	Min.	577.50	-71.45	35	-32.27	35	-92.24	35	-815.55	35	-763.31	35	-3.12	35
310	326	332	Max	12.50	-127.34	43	-27.88	43	82.64	35	906.95	35	-859.34	39	12.65	35
310	326	332	Max	330.63					-7.05	35			508.13	35		
310	326	332	Max	577.50	-127.34	43	-27.88	43	-76.21	43	-637.62	43	-318.12	43	12.65	35
310	326	332	Min.	12.50	-144.31	35	-28.19	35	81.29	43	829.08	39	-934.51	35	9.96	43
310	326	332	Min.	331.76					-7.73	39			464.11	39		
310	326	332	Min.	577.50	-144.31	35	-28.19	35	-76.65	35	-703.81	35	-360.62	35	9.96	43
311	-148	-147	Max	0.00	34.49	43	-2.20	43	3.58	35	313.79	35	0.00	35	-0.04	43
311	-148	-147	Max	205.00					-1.09	35			321.64	35		
311	-148	-147	Max	410.00	34.49	43	-2.20	43	-5.58	43	-256.39	39	0.00	39	-0.04	43
311	-148	-147	Min.	0.00	33.82	35	-2.28	35	3.46	43	256.39	39	0.00	35	-0.11	35
311	-148	-147	Min.	205.00					-1.06	39			262.80	39		
311	-148	-147	Min.	410.00	33.82	35	-2.28	35	-5.76	35	-313.79	35	0.00	35	-0.11	35
311	-147	-137	Max	0.00	9.14	43	-3.57	43	7.54	35	313.79	35	0.00	35	0.00	35
311	-147	-137	Max	205.00					-0.03	35			321.64	35		
311	-147	-137	Max	410.00	9.14	43	-3.57	43	-7.35	43	-256.39	39	0.00	35	0.00	35
311	-147	-137	Min.	0.00	7.61	35	-3.69	35	7.30	43	256.39	39	0.00	35	0.00	39
311	-147	-137	Min.	205.00					-0.03	39			262.80	39		
311	-147	-137	Min.	410.00	7.61	35	-3.69	35	-7.59	35	-313.79	35	0.00	35	0.00	39
311	-137	-136	Max	0.00	-8.51	43	-2.18	43	6.72	35	461.32	35	0.00	35	0.00	43
311	-137	-136	Max	295.00					0.11	35			680.45	35		
311	-137	-136	Max	590.00	-8.51	43	-2.18	43	-6.33	43	-378.72	39	0.00	39	0.00	43
311	-137	-136	Min.	0.00	-10.83	35	-2.24	35	6.52	43	378.72	39	0.00	35	0.00	39
311	-137	-136	Min.	295.00					0.10	39			558.62	39		
311	-137	-136	Min.	590.00	-10.83	35	-2.24	35	-6.50	35	-461.32	35	0.00	35	0.00	39
311	-136	-135	Max	0.00	-25.46	43	-1.59	43	5.17	35	461.32	35	0.00	35	-0.07	43

311	-136	-135	Max	295.00					0.42	35			680.45	35		
311	-136	-135	Max	590.00	-25.46	43	-1.59	43	-4.31	43	-378.72	39	0.00	35	-0.07	43
311	-136	-135	Min.	0.00	-28.68	35	-1.61	35	5.08	43	378.72	39	0.00	35	-0.08	35
311	-136	-135	Min.	295.00					0.38	39			558.62	39		
311	-136	-135	Min.	590.00	-28.68	35	-1.61	35	-4.33	35	-461.32	35	0.00	39	-0.08	35
312	409	415	Max	0.00	142.48	43	-16.38	43	5.69	35	629.12	35	0.00	39	37.43	43
312	409	415	Max	198.75					-29.80	35			625.19	35		
312	409	415	Max	397.50	142.48	43	-16.38	43	-61.51	43	-566.32	39	0.00	39	37.43	43
312	409	415	Min.	0.00	134.71	35	-17.86	35	3.59	43	566.32	39	0.00	35	33.90	39
312	409	415	Min.	198.75					-28.93	39			562.78	39		
312	409	415	Min.	397.50	134.71	35	-17.86	35	-65.30	35	-629.12	35	0.00	35	33.90	39
312	415	421	Max	12.50	89.43	43	-55.81	39	112.99	35	564.27	35	-285.06	39	14.72	35
312	415	421	Max	190.76					9.38	35			199.06	35		
312	415	421	Max	397.50	89.43	43	-55.81	39	-106.39	43	-583.26	43	-419.61	43	14.72	35
312	415	421	Min.	12.50	80.23	35	-58.12	35	108.46	39	513.40	39	-303.89	35	13.38	43
312	415	421	Min.	192.80					7.85	43			177.34	43		
312	415	421	Min.	397.50	80.23	35	-58.12	35	-110.78	35	-654.40	35	-477.38	35	13.38	43
312	421	427	Max	12.50	17.06	43	-25.46	43	74.06	35	886.00	35	-719.48	39	6.24	35
312	421	427	Max	292.40					0.05	35			447.07	35		
312	421	427	Max	577.50	17.06	43	-25.46	43	-72.55	39	-810.18	43	-749.49	43	6.24	35
312	421	427	Min.	12.50	5.68	35	-26.44	35	71.31	43	799.56	39	-792.88	35	5.68	43
312	421	427	Min.	293.17					-0.15	43			402.33	43		
312	421	427	Min.	577.50	5.68	35	-26.44	35	-75.33	35	-902.45	35	-839.37	35	5.68	43
312	427	433	Max	12.50	-44.75	43	-13.59	35	48.49	39	1028.98	35	-973.79	39	-20.52	39
312	427	433	Max	337.57					4.19	35			601.35	35		
312	427	433	Max	577.50	-44.75	43	-13.59	35	-28.42	35	-679.64	43	-266.44	43	-20.52	39
312	427	433	Min.	12.50	-56.56	35	-14.03	39	48.32	43	929.99	39	-1071.10	35	-21.97	35
312	427	433	Min.	338.88					2.69	39			543.87	39		
312	427	433	Min.	577.50	-56.56	35	-14.03	39	-30.79	39	-759.47	35	-309.75	35	-21.97	35
313	-9	-10	Max	0.00	788.12	35	20.64	43	-46.78	35	687.17	35	0.00	35	4.39	43
313	-9	-10	Max	205.00					-5.00	35			704.35	35		
313	-9	-10	Max	410.00	788.12	35	20.64	43	37.28	43	-614.85	39	0.00	39	4.39	43
313	-9	-10	Min.	0.00	772.82	39	20.38	35	-47.36	43	614.85	39	0.00	35	-4.07	39
313	-9	-10	Min.	205.00					-5.01	39			630.22	39		
313	-9	-10	Min.	410.00	772.82	39	20.38	35	36.78	35	-687.17	35	0.00	35	-4.07	39
313	-10	-11	Max	0.00	467.26	35	11.00	43	-21.69	39	556.47	35	-166.07	39	0.22	43
313	-10	-11	Max	166.01					-3.56	35			280.87	35		
313	-10	-11	Max	410.00	467.26	35	11.00	43	23.26	43	-730.22	43	-639.09	43	0.22	43
313	-10	-11	Min.	0.00	465.74	39	10.92	39	-21.83	43	499.47	39	-181.02	35	-0.22	35
313	-10	-11	Min.	166.53					-3.51	43			249.82	43		
313	-10	-11	Min.	410.00	465.74	39	10.92	39	23.10	39	-817.88	35	-716.92	35	-0.22	35
313	-11	-41	Max	0.00	184.42	43	5.79	43	-17.00	39	948.71	35	-745.02	43	-0.02	43
313	-11	-41	Max	176.67	184.42	43	5.79	43	-6.84	39	356.51	35	322.00	35	-0.02	43
313	-11	-41	Min.	0.00	174.51	35	5.75	39	-17.10	43	849.35	43	-830.96	35	-0.12	39
313	-11	-41	Min.	176.67	174.51	35	5.75	39	-6.88	43	319.48	43	287.44	43	-0.12	39
313	-41	-42	Max	0.00	184.42	43	5.79	43	-6.84	39	356.50	35	322.01	35	-0.02	43
313	-41	-42	Max	106.35					-0.72	35			511.58	35		
313	-41	-42	Max	191.67	184.42	43	5.79	43	4.21	43	-255.39	39	389.60	35	-0.02	43
313	-41	-42	Min.	0.00	174.51	35	5.75	39	-6.88	43	319.47	43	287.45	43	-0.12	39
313	-41	-42	Min.	106.52					-0.72	43			457.59	43		
313	-41	-42	Min.	191.67	174.51	35	5.75	39	4.19	39	-285.97	35	348.85	43	-0.12	39
313	-42	-12	Max	0.00	184.42	43	5.79	43	4.21	43	-255.37	39	389.62	35	-0.02	43
313	-42	-12	Max	221.67	184.42	43	5.79	43	17.03	43	-920.20	39	-954.04	39	-0.02	43
313	-42	-12	Min.	0.00	174.51	35	5.75	39	4.19	39	-285.95	35	348.87	43	-0.12	39
313	-42	-12	Min.	221.67	174.51	35	5.75	39	16.94	39	-1028.99	35	-1067.78	35	-0.12	39
313	-12	-43	Max	0.00	-27.47	43	6.34	43	-17.83	39	1132.46	35	-1037.96	39	0.04	43
313	-12	-43	Max	161.67	-27.47	43	6.34	43	-7.73	39	590.54	35	235.82	35	0.04	43
313	-12	-43	Min.	0.00	-43.60	35	6.25	39	-18.11	43	1014.63	39	-1156.94	35	-0.49	39
313	-12	-43	Min.	161.67	-43.60	35	6.25	39	-7.85	43	529.75	39	210.38	43	-0.49	39
313	-43	-44	Max	0.00	-27.47	43	6.34	43	-7.73	39	590.53	35	235.84	35	0.04	43
313	-43	-44	Max	176.17					3.28	35			756.01	35		
313	-43	-44	Max	191.67	-27.47	43	6.34	43	4.31	43	-45.11	43	751.98	35	0.04	43
313	-43	-44	Min.	0.00	-43.60	35	6.25	39	-7.85	43	529.74	39	210.40	43	-0.49	39
313	-43	-44	Min.	176.62					3.30	39			678.24	39		
313	-43	-44	Min.	191.67	-43.60	35	6.25	39	4.24	39	-51.95	35	674.85	39	-0.49	39
313	-44	-13	Max	0.00	-27.47	43	6.34	43	4.31	43	-45.09	43	751.99	35	0.04	43
313	-44	-13	Max	236.67	-27.47	43	6.34	43	19.32	43	-754.91	43	-271.81	43	0.04	43
313	-44	-13	Min.	0.00	-43.60	35	6.25	39	4.24	39	-51.93	35	674.85	39	-0.49	39
313	-44	-13	Min.	236.67	-43.60	35	6.25	39	19.03	39	-845.25	35	-309.67	35	-0.49	39
314	410	416	Max	0.00	-178.90	39	29.80	35	-30.51	39	629.12	35	0.00	39	-28.45	43
314	410	416	Max	198.75					27.01	35			625.19	35		
314	410	416	Max	397.50	-178.90	39	29.80	35	86.23	35	-566.32	39	0.00	35	-28.45	43
314	410	416	Min.	0.00	-184.89	35	28.51	39	-32.21	35	566.32	39	0.00	35	-33.20	35
314	410	416	Min.	198.75					26.16	39			562.78	39		
314	410	416	Min.	397.50	-184.89	35	28.51	39	82.83	39	-629.12	35	0.00	35	-33.20	35
314	416	422	Max	12.50	-129.33	39	64.12	35	-119.58	43	559.34	35	-274.05	43	-13.00	39
314	416	422	Max	189.20					-10.80	35			200.59	35		
314	416	422	Max	397.50	-129.33	39	64.12	35	122.76	35	-588.54	39	-428.92	39	-13.00	39
314	416	422	Min.	12.50	-137.18	35	61.81	39	-124.11	35	508.13	43	-293.60	35	-14.29	35
314	416	422	Min.	190.95					-9.29	39			178.90	39		
314	416	422	Min.	397.50	-137.18	35	61.81	39	118.38	39	-659.34	35	-486.10	35	-14.29	35
314	422	428	Max	12.50	-118.58	39	29.68	35	-80.31	39	884.12	35	-713.76	43	-5.57	39
314	422	428	Max	291.81					-0.17	35			447.11	35		
314	422	428	Max	577.50	-118.58	39	29.68	35	84.62	35	-812.22	39	-755.26	39	-5.57	39
314	422	428	Min.	12.50	-129.04	35	28.70	39	-83.06	35	797.53	43	-787.60	35	-5.99	35
314	422	428	Min.	292.39					0.01	43			402.36	43		
314	422	428	Min.	577.50	-129.04	35	28.70	39	81.83	39	-904.33	35	-844.69	35	-5.99	35
314	428	434	Max	12.50	-107.21	39	17.50	43	-57.80	35	1025.89	35	-965.64	43	23.86	35
314	428	434	Max	336.60					-2.74	35			598.91	35		
314	428	434	Max	577.50	-107.21	39	17.50	43	40.75	43	-683.00	39	-277.20	39	23.86	35

314	428	434	Min.	12.50	-118.56	35	16.99	35	-58.12	43	926.66	43	-1063.52	35	21.41	43
314	428	434	Min.	337.71					-1.21	43			541.18	43		
314	428	434	Min.	577.50	-118.56	35	16.99	35	38.18	35	-762.56	35	-319.60	35	21.41	43
315	-150	-149	Max	0.00	49.43	39	1.38	35	-1.59	39	313.79	35	0.00	35	0.00	43
315	-150	-149	Max	205.00					1.15	35			321.64	35		
315	-150	-149	Max	410.00	49.43	39	1.38	35	3.98	35	-256.39	39	0.00	35	0.00	43
315	-150	-149	Min.	0.00	49.11	43	1.32	39	-1.68	35	256.39	39	0.00	35	-0.07	35
315	-150	-149	Min.	205.00					1.12	39			262.80	39		
315	-150	-149	Min.	410.00	49.11	43	1.32	39	3.82	39	-313.79	35	0.00	35	-0.07	35
315	-149	-140	Max	0.00	15.10	39	2.96	35	-5.79	39	313.79	35	0.00	35	0.00	39
315	-149	-140	Max	205.00					0.04	35			321.64	35		
315	-149	-140	Max	410.00	15.10	39	2.96	35	6.11	35	-256.39	39	0.00	35	0.00	39
315	-149	-140	Min.	0.00	14.08	35	2.85	39	-6.02	35	256.39	39	0.00	35	0.00	35
315	-149	-140	Min.	205.00					0.04	39			262.80	39		
315	-149	-140	Min.	410.00	14.08	35	2.85	39	5.88	39	-313.79	35	0.00	39	0.00	35
315	-140	-139	Max	0.00	-6.05	39	1.81	35	-5.25	39	461.32	35	0.00	35	-0.00	43
315	-140	-139	Max	295.00					-0.09	35			680.45	35		
315	-140	-139	Max	590.00	-6.05	39	1.81	35	5.27	35	-378.72	39	0.00	39	-0.00	43
315	-140	-139	Min.	0.00	-8.02	35	1.75	39	-5.44	35	378.72	39	0.00	35	-0.00	35
315	-140	-139	Min.	295.00					-0.08	39			558.62	39		
315	-140	-139	Min.	590.00	-8.02	35	1.75	39	5.10	39	-461.32	35	0.00	35	-0.00	35
315	-139	-138	Max	0.00	-23.40	39	1.21	35	-3.90	39	461.32	35	0.00	35	0.07	43
315	-139	-138	Max	295.00					-0.41	35			680.45	35		
315	-139	-138	Max	590.00	-23.40	39	1.21	35	3.17	43	-378.72	39	0.00	35	0.07	43
315	-139	-138	Min.	0.00	-26.45	35	1.20	39	-3.98	35	378.72	39	0.00	35	0.06	39
315	-139	-138	Min.	295.00					-0.37	39			558.62	39		
315	-139	-138	Min.	590.00	-26.45	35	1.20	39	3.16	39	-461.32	35	0.00	39	0.06	39
316	311	317	Max	0.00	262.62	39	32.19	35	-44.37	39	569.04	35	0.00	39	18.42	43
316	311	317	Max	198.75					18.87	35			565.48	35		
316	311	317	Max	397.50	262.62	39	32.19	35	82.84	35	-518.08	39	0.00	35	18.42	43
316	311	317	Min.	0.00	257.47	43	31.54	39	-45.11	35	518.08	39	0.00	35	15.31	39
316	311	317	Min.	198.75					18.31	39			514.84	39		
316	311	317	Min.	397.50	257.47	43	31.54	39	81.00	39	-569.04	35	0.00	39	15.31	39
316	317	323	Max	12.50	129.01	39	61.58	35	-114.88	43	505.33	35	-247.72	43	6.20	35
316	317	323	Max	189.00					-10.10	35			178.26	35		
316	317	323	Max	397.50	129.01	39	61.58	35	118.29	35	-540.46	39	-398.94	39	6.20	35
316	317	323	Min.	12.50	121.22	35	59.57	43	-118.78	35	461.99	43	-267.69	35	5.32	43
316	317	323	Min.	190.16					-9.07	39			161.33	39		
316	317	323	Min.	397.50	121.22	35	59.57	43	114.47	43	-596.95	35	-444.06	35	5.32	43
316	323	329	Max	12.50	-2.77	39	29.33	35	-79.56	43	798.51	35	-646.86	43	3.13	35
316	323	329	Max	291.40					-0.22	35			404.91	35		
316	323	329	Max	577.50	-2.77	39	29.33	35	83.69	35	-744.82	39	-695.79	39	3.13	35
316	323	329	Min.	12.50	-16.09	35	28.46	43	-82.02	35	727.48	43	-708.60	35	2.69	43
316	323	329	Min.	291.58					-0.14	43			368.28	43		
316	323	329	Min.	577.50	-16.09	35	28.46	43	81.22	43	-819.13	35	-766.87	35	2.69	43
316	329	335	Max	12.50	-101.38	39	24.49	35	-71.24	39	910.29	35	-859.58	43	-8.65	39
316	329	335	Max	330.44					5.28	35			510.15	35		
316	329	335	Max	577.50	-101.38	39	24.49	35	65.77	35	-641.07	39	-322.56	39	-8.65	39
316	329	335	Min.	12.50	-116.97	35	24.18	39	-72.58	35	831.05	43	-936.95	35	-10.11	35
316	329	335	Min.	331.32					5.88	43			465.19	43		
316	329	335	Min.	577.50	-116.97	35	24.18	39	65.37	39	-707.35	35	-363.62	35	-10.11	35
317	-153	-151	Max	0.00	-62.29	39	1.90	43	-2.52	35	261.38	35	0.00	35	0.38	43
317	-153	-151	Max	205.00					1.36	35			267.92	35		
317	-153	-151	Max	410.00	-62.29	39	1.90	43	5.25	35	-214.31	39	0.00	35	0.38	43
317	-153	-151	Min.	0.00	-64.39	35	1.89	39	-2.57	43	214.31	39	0.00	35	0.31	39
317	-153	-151	Min.	205.00					1.33	39			219.67	39		
317	-153	-151	Min.	410.00	-64.39	35	1.89	39	5.21	39	-261.38	35	0.00	39	0.31	39
317	-151	-145	Max	0.00	-7.26	39	4.03	35	-8.04	39	261.38	35	0.00	35	0.05	35
317	-151	-145	Max	205.00					0.03	35			267.92	35		
317	-151	-145	Max	410.00	-7.26	39	4.03	35	8.29	35	-214.31	39	0.00	35	0.05	35
317	-151	-145	Min.	0.00	-8.22	35	3.93	39	-8.24	35	214.31	39	0.00	35	0.04	43
317	-151	-145	Min.	205.00					0.02	39			219.67	39		
317	-151	-145	Min.	410.00	-8.22	35	3.93	39	8.09	39	-261.38	35	0.00	39	0.04	43
317	-145	-143	Max	0.00	17.86	35	2.53	35	-7.35	39	385.91	35	0.00	35	0.06	35
317	-145	-143	Max	295.00					-0.06	35			569.21	35		
317	-145	-143	Max	590.00	17.86	35	2.53	35	7.41	35	-318.17	39	0.00	39	0.06	35
317	-145	-143	Min.	0.00	17.55	43	2.47	39	-7.53	35	318.17	39	0.00	35	0.05	39
317	-145	-143	Min.	295.00					-0.06	39			469.31	39		
317	-145	-143	Min.	590.00	17.55	43	2.47	39	7.24	39	-385.91	35	0.00	35	0.05	39
317	-143	-141	Max	0.00	24.99	35	2.19	35	-6.61	39	385.91	35	0.00	35	-0.21	43
317	-143	-141	Max	295.00					-0.29	35			569.21	35		
317	-143	-141	Max	590.00	24.99	35	2.19	35	6.18	35	-318.17	39	0.00	35	-0.21	43
317	-143	-141	Min.	0.00	24.37	43	2.15	39	-6.76	35	318.17	39	0.00	35	-0.25	35
317	-143	-141	Min.	295.00					-0.27	39			469.31	39		
317	-143	-141	Min.	590.00	24.37	43	2.15	39	6.07	39	-385.90	35	0.00	39	-0.25	35
318	-154	-152	Max	0.00	105.01	35	2.17	35	-3.37	39	258.89	35	0.00	35	0.29	43
318	-154	-152	Max	205.00					1.01	35			265.36	35		
318	-154	-152	Max	410.00	105.01	35	2.17	35	5.46	35	-212.31	39	0.00	39	0.29	43
318	-154	-152	Min.	0.00	102.16	43	2.13	39	-3.43	35	212.31	39	0.00	35	0.22	35
318	-154	-152	Min.	205.00					0.99	39			217.62	39		
318	-154	-152	Min.	410.00	102.16	43	2.13	39	5.35	39	-258.89	35	0.00	35	0.22	35
318	-152	-146	Max	0.00	33.84	35	3.47	35	-6.94	39	258.89	35	0.00	35	-0.09	39
318	-152	-146	Max	205.00					0.01	35			265.36	35		
318	-152	-146	Max	410.00	33.84	35	3.47	35	7.13	35	-212.31	39	0.00	39	-0.09	39
318	-152	-146	Min.	0.00	32.92	43	3.39	39	-7.10	35	212.31	39	0.00	35	-0.11	35
318	-152	-146	Min.	205.00					0.01	39			217.62	39		
318	-152	-146	Min.	410.00	32.92	43	3.39	39	6.96	39	-258.89	35	0.00	35	-0.11	35
318	-146	-144	Max	0.00	1.44	39	2.17	35	-6.31	39	382.31	35	0.00	35	-0.06	39
318	-146	-144	Max	295.00					-0.05	35			563.91	35		
318	-146	-144	Max	590.00	1.44	39	2.17	35	6.37	35	-315.29	39	0.00	39	-0.06	39

318	-146	-144	Min.	0.00	0.85	35	2.12	39	-6.47	35	315.29	39	0.00	35	-0.07	35
318	-146	-144	Min.	295.00					-0.05	39			465.05	39		
318	-146	-144	Min.	590.00	0.85	35	2.12	39	6.22	39	-382.31	35	0.00	35	-0.07	35
318	-144	-142	Max	0.00	-20.65	43	1.90	35	-5.74	39	382.31	35	0.00	35	0.21	35
318	-144	-142	Max	295.00					-0.27	35			563.91	35		
318	-144	-142	Max	590.00	-20.65	43	1.90	35	5.33	35	-315.29	39	0.00	35	0.21	35
318	-144	-142	Min.	0.00	-22.58	35	1.86	39	-5.88	35	315.29	39	0.00	35	0.17	43
318	-144	-142	Min.	295.00					-0.25	39			465.05	39		
318	-144	-142	Min.	590.00	-22.58	35	1.86	39	5.24	39	-382.31	35	0.00	39	0.17	43
501	1	2	Max	12.50	0.00	35	0.00	35	0.00	35	-43.30	43	-84.63	39	500.16	35
501	1	2	Max	131.69									-165.60	39		
501	1	2	Max	416.50	0.00	35	0.00	35	0.00	35	676.86	43	681.99	43	500.16	35
501	1	2	Min.	12.50	0.00	35	0.00	35	0.00	35	-136.09	35	-297.40	43	487.69	43
501	1	2	Min.	59.03									-307.67	43		
501	1	2	Min.	416.50	0.00	35	0.00	35	0.00	35	606.04	39	585.21	39	487.69	43
501	2	3	Max	12.50	0.00	35	0.00	35	0.00	35	-552.90	43	598.92	35	85.88	35
501	2	3	Max	189.81									33.74	43		
501	2	3	Max	337.50	0.00	35	0.00	35	0.00	35	470.61	43	381.54	43	85.88	35
501	2	3	Min.	12.50	0.00	35	0.00	35	0.00	35	-612.98	35	528.99	43	80.96	43
501	2	3	Min.	200.47									17.46	35		
501	2	3	Min.	337.50	0.00	35	0.00	35	0.00	35	434.21	39	314.52	39	80.96	43
501	3	4	Max	12.50	0.00	35	0.00	35	0.00	35	-635.62	43	501.50	35	-48.11	39
501	3	4	Max	234.46									-277.48	43		
501	3	4	Max	428.50	0.00	35	0.00	35	0.00	35	530.28	43	230.20	43	-48.11	39
501	3	4	Min.	12.50	0.00	35	0.00	35	0.00	35	-701.93	35	407.42	43	-51.31	43
501	3	4	Min.	246.79									-295.34	35		
501	3	4	Min.	428.50	0.00	35	0.00	35	0.00	35	490.54	39	152.86	39	-51.31	43
501	4	5	Max	12.50	0.00	35	0.00	35	0.00	35	-372.30	43	316.29	35	-30.39	39
501	4	5	Max	152.11									12.87	39		
501	4	5	Max	337.50	0.00	35	0.00	35	0.00	35	591.57	43	585.00	43	-30.39	39
501	4	5	Min.	12.50	0.00	35	0.00	35	0.00	35	-431.87	35	233.89	43	-33.33	43
501	4	5	Min.	139.07									-2.86	43		
501	4	5	Min.	337.50	0.00	35	0.00	35	0.00	35	551.67	39	525.65	39	-33.33	43
501	5	6	Max	12.50	0.00	35	0.00	35	0.00	35	-682.98	43	826.40	35	-471.97	39
501	5	6	Max	379.44									-309.53	43		
501	5	6	Max	416.50	0.00	35	0.00	35	0.00	35	34.59	43	-303.02	43	-471.97	39
501	5	6	Min.	12.50	0.00	35	0.00	35	0.00	35	-771.73	35	714.94	43	-482.47	35
501	5	6	Min.	379.44									-309.53	43		
501	5	6	Min.	416.50	0.00	35	0.00	35	0.00	35	-29.11	39	-471.91	35	-482.47	35
506	31	32	Max	12.50	0.00	35	0.00	35	0.00	35	397.57	43	-77.18	39	-60.21	43
506	31	32	Max	416.50	0.00	35	0.00	35	0.00	35	-307.37	43	-168.45	43	-60.21	43
506	31	32	Min.	12.50	0.00	35	0.00	35	0.00	35	311.04	35	-298.54	43	-71.17	35
506	31	32	Min.	416.50	0.00	35	0.00	35	0.00	35	-372.70	39	-252.56	39	-71.17	35
506	32	33	Max	12.50	0.00	35	0.00	35	0.00	35	341.70	43	-29.77	35	-1.48	39
506	32	33	Max	337.50	0.00	35	0.00	35	0.00	35	-202.10	43	174.20	43	-1.48	39
506	32	33	Min.	12.50	0.00	35	0.00	35	0.00	35	295.34	35	-88.22	43	-5.60	35
506	32	33	Min.	337.50	0.00	35	0.00	35	0.00	35	-224.51	39	128.90	39	-5.60	35
506	33	-6	Max	12.50	0.00	35	0.00	35	0.00	35	-245.82	43	238.99	35	2.64	35
506	33	-6	Max	220.50	0.00	35	0.00	35	0.00	35	-790.17	43	-880.83	43	2.64	35
506	33	-6	Min.	12.50	0.00	35	0.00	35	0.00	35	-311.65	35	166.70	43	-2.22	43
506	33	-6	Min.	220.50	0.00	35	0.00	35	0.00	35	-840.22	35	-926.82	35	-2.22	43
506	-6	34	Max	0.00	0.00	35	0.00	35	0.00	35	793.86	35	-879.70	39	-11.59	39
506	-6	34	Max	208.00	0.00	35	0.00	35	0.00	35	260.40	35	169.30	43	-11.59	39
506	-6	34	Min.	0.00	0.00	35	0.00	35	0.00	35	767.73	39	-925.12	35	-15.27	35
506	-6	34	Min.	208.00	0.00	35	0.00	35	0.00	35	221.09	39	119.22	39	-15.27	35
506	34	35	Max	12.50	0.00	35	0.00	35	0.00	35	201.94	43	241.40	35	9.83	35
506	34	35	Max	337.50	0.00	35	0.00	35	0.00	35	-341.45	43	-87.80	43	9.83	35
506	34	35	Min.	12.50	0.00	35	0.00	35	0.00	35	161.19	35	174.33	43	5.17	43
506	34	35	Min.	337.50	0.00	35	0.00	35	0.00	35	-368.89	39	-125.84	39	5.17	43
506	35	36	Max	12.50	0.00	35	0.00	35	0.00	35	308.16	43	-71.64	35	70.27	35
506	35	36	Max	416.50	0.00	35	0.00	35	0.00	35	-396.53	43	-296.88	43	70.27	35
506	35	36	Min.	12.50	0.00	35	0.00	35	0.00	35	223.63	35	-170.20	43	62.03	39
506	35	36	Min.	416.50	0.00	35	0.00	35	0.00	35	-462.61	39	-494.82	35	62.03	39
507	1	7	Max	20.00	0.00	35	0.00	35	0.00	35	346.10	39	-1165.62	39	-12.61	39
507	1	7	Max	615.00	0.00	35	0.00	35	0.00	35	110.90	35	2.64	35	-12.61	39
507	1	7	Min.	20.00	0.00	35	0.00	35	0.00	35	337.73	43	-1188.30	35	-55.72	43
507	1	7	Min.	615.00	0.00	35	0.00	35	0.00	35	88.15	39	-15.60	39	-55.72	43
507	7	13	Max	20.00	0.00	35	0.00	35	0.00	35	-684.60	43	1554.35	35	-47.68	39
507	7	13	Max	397.50	0.00	35	0.00	35	0.00	35	-709.38	35	-839.37	43	-47.68	39
507	7	13	Min.	20.00	0.00	35	0.00	35	0.00	35	-723.71	35	1496.95	43	-69.20	43
507	7	13	Min.	397.50	0.00	35	0.00	35	0.00	35	-718.27	39	-847.17	39	-69.20	43
507	13	19	Max	12.50	0.00	35	0.00	35	0.00	35	482.80	43	-697.84	35	-27.14	39
507	13	19	Max	397.50	0.00	35	0.00	35	0.00	35	-171.25	35	-137.70	35	-27.14	39
507	13	19	Min.	12.50	0.00	35	0.00	35	0.00	35	466.79	35	-702.71	43	-32.88	35
507	13	19	Min.	397.50	0.00	35	0.00	35	0.00	35	-196.85	39	-160.44	39	-32.88	35
507	19	25	Max	12.50	0.00	35	0.00	35	0.00	35	346.82	43	-225.90	35	8.18	43
507	19	25	Max	577.50	0.00	35	0.00	35	0.00	35	-288.86	35	-235.05	35	8.18	43
507	19	25	Min.	12.50	0.00	35	0.00	35	0.00	35	318.75	35	-250.43	43	-1.17	35
507	19	25	Min.	577.50	0.00	35	0.00	35	0.00	35	-323.49	39	-272.89	39	-1.17	35
507	25	31	Max	12.50	0.00	35	0.00	35	0.00	35	333.58	43	-215.23	35	103.05	43
507	25	31	Max	577.50	0.00	35	0.00	35	0.00	35	-432.46	43	-344.06	43	103.05	43
507	25	31	Min.	12.50	0.00	35	0.00	35	0.00	35	298.74	35	-262.46	43	50.68	39
507	25	31	Min.	577.50	0.00	35	0.00	35	0.00	35	-447.27	39	-375.86	35	50.68	39
519	6	12	Max	20.00	0.00	35	0.00	35	0.00	35	332.06	43	-1161.21	43	92.24	35
519	6	12	Max	615.00	0.00	35	0.00	35	0.00	35	122.94	35	17.12	35	92.24	35
519	6	12	Min.	20.00	0.00	35	0.00	35	0.00	35	320.61	35	-1190.58	35	56.47	43
519	6	12	Min.	615.00	0.00	35	0.00	35	0.00	35	93.09	43	-12.05	43	56.47	43
519	12	18	Max	20.00	0.00	35	0.00	35	0.00	35	-680.79	39	1531.03	35	95.71	35
519	12	18	Max	397.50	0.00	35	0.00	35	0.00	35	-701.22	35	-833.88	35	95.71	35
519	12	18	Min.	20.00	0.00	35	0.00	35	0.00	35	-712.42	35	1489.13	39	68.	

519	12	18	Min.	397.50	0.00	35	0.00	35	0.00	35	-716.43	43	-843.31	43	68.91	43
519	18	24	Max	12.50	0.00	35	0.00	35	0.00	35	486.73	39	-706.73	43	40.97	35
519	18	24	Max	397.50	0.00	35	0.00	35	0.00	35	-164.63	35	-125.33	35	40.97	35
519	18	24	Min.	12.50	0.00	35	0.00	35	0.00	35	473.76	35	-710.18	39	31.28	43
519	18	24	Min.	397.50	0.00	35	0.00	35	0.00	35	-193.72	43	-154.55	43	31.28	43
519	24	30	Max	12.50	0.00	35	0.00	35	0.00	35	346.28	39	-231.88	35	-8.82	43
519	24	30	Max	577.50	0.00	35	0.00	35	0.00	35	-284.13	35	-226.37	35	-8.82	43
519	24	30	Min.	12.50	0.00	35	0.00	35	0.00	35	320.41	35	-251.22	39	-15.29	39
519	24	30	Min.	577.50	0.00	35	0.00	35	0.00	35	-322.00	43	-269.90	43	-15.29	39
519	30	36	Max	12.50	0.00	35	0.00	35	0.00	35	332.55	43	-227.46	35	-103.40	43
519	30	36	Max	577.50	0.00	35	0.00	35	0.00	35	-412.64	35	-334.17	39	-103.40	43
519	30	36	Min.	12.50	0.00	35	0.00	35	0.00	35	297.57	35	-266.62	39	-154.93	35
519	30	36	Min.	577.50	0.00	35	0.00	35	0.00	35	-434.02	43	-350.16	35	-154.93	35

Tipo di combinazione di carico: SLE Q

Asta	N1	N2		X <cm>	N <daN>	CC	Ty <daN>	CC	Mz <daNm>	CC	Tz <daN>	CC	My <daNm>	CC	Mx <daNm>	CC
1	1	101	Max	17.00	-5479.15	36	1534.58	36	-641.59	36	-163.13	36	195.69	36	0.20	36
1	1	101	Max	310.50	-4745.40	36	1534.58	36	3862.40	36	-163.13	36	-283.11	36	0.20	36
1	1	101	Min.	17.00	-5479.15	36	1534.58	36	-641.59	36	-163.13	36	195.69	36	0.20	36
1	1	101	Min.	310.50	-4745.40	36	1534.58	36	3862.40	36	-163.13	36	-283.11	36	0.20	36
2	2	302	Max	17.00	-9427.18	36	2647.77	36	-338.25	36	-59.74	36	127.31	36	0.20	36
2	2	302	Max	310.50	-8693.43	36	2647.77	36	7432.96	36	-59.74	36	-48.02	36	0.20	36
2	2	302	Min.	17.00	-9427.18	36	2647.77	36	-338.25	36	-59.74	36	127.31	36	0.20	36
2	2	302	Min.	310.50	-8693.43	36	2647.77	36	7432.96	36	-59.74	36	-48.02	36	0.20	36
3	3	403	Max	17.00	-9534.19	36	2598.29	36	-104.05	36	-1.47	36	-32.64	36	0.20	36
3	3	403	Max	310.50	-8800.44	36	2598.29	36	7521.93	36	-1.47	36	-36.97	36	0.20	36
3	3	403	Min.	17.00	-9534.19	36	2598.29	36	-104.05	36	-1.47	36	-32.64	36	0.20	36
3	3	403	Min.	310.50	-8800.44	36	2598.29	36	7521.93	36	-1.47	36	-36.97	36	0.20	36
4	4	404	Max	17.00	-9036.29	36	2314.10	36	23.72	36	17.29	36	7.34	36	0.20	36
4	4	404	Max	310.50	-8302.54	36	2314.10	36	6815.62	36	17.29	36	58.09	36	0.20	36
4	4	404	Min.	17.00	-9036.29	36	2314.10	36	23.72	36	17.29	36	7.34	36	0.20	36
4	4	404	Min.	310.50	-8302.54	36	2314.10	36	6815.62	36	17.29	36	58.09	36	0.20	36
5	5	305	Max	17.00	-9397.08	36	2637.81	36	-366.46	36	46.96	36	-107.39	36	0.20	36
5	5	305	Max	310.50	-8663.33	36	2637.81	36	7375.51	36	46.96	36	30.43	36	0.20	36
5	5	305	Min.	17.00	-9397.08	36	2637.81	36	-366.46	36	46.96	36	-107.39	36	0.20	36
5	5	305	Min.	310.50	-8663.33	36	2637.81	36	7375.51	36	46.96	36	30.43	36	0.20	36
6	6	106	Max	17.00	-5493.13	36	1541.05	36	-643.50	36	166.30	36	-201.66	36	0.20	36
6	6	106	Max	310.50	-4759.38	36	1541.05	36	3879.49	36	166.30	36	286.43	36	0.20	36
6	6	106	Min.	17.00	-5493.13	36	1541.05	36	-643.50	36	166.30	36	-201.66	36	0.20	36
6	6	106	Min.	310.50	-4759.38	36	1541.05	36	3879.49	36	166.30	36	286.43	36	0.20	36
7	7	107	Max	17.00	-6163.22	36	-1708.75	36	1380.72	36	-57.23	36	0.70	36	0.20	36
7	7	107	Max	305.50	-5441.97	36	-1708.75	36	-3549.02	36	-57.23	36	-164.41	36	0.20	36
7	7	107	Min.	17.00	-6163.22	36	-1708.75	36	1380.72	36	-57.23	36	0.70	36	0.20	36
7	7	107	Min.	305.50	-5441.97	36	-1708.75	36	-3549.02	36	-57.23	36	-164.41	36	0.20	36
8	8	-155	Max	0.00	-11575.50	36	-2632.11	36	440.07	36	-18.99	36	6.16	36	0.20	36
8	8	-155	Max	305.50	-10811.80	36	-2632.11	36	-7601.02	36	-18.99	36	-51.85	36	0.20	36
8	8	-155	Min.	0.00	-11575.50	36	-2632.11	36	440.07	36	-18.99	36	6.16	36	0.20	36
8	8	-155	Min.	305.50	-10811.80	36	-2632.11	36	-7601.02	36	-18.99	36	-51.85	36	0.20	36
9	9	-15	Max	0.00	-11836.50	36	-2577.04	36	431.07	36	-2.39	36	0.43	36	0.20	36
9	9	-15	Max	305.50	-11072.80	36	-2577.04	36	-7441.78	36	-2.39	36	-6.87	36	0.20	36
9	9	-15	Min.	0.00	-11836.50	36	-2577.04	36	431.07	36	-2.39	36	0.43	36	0.20	36
9	9	-15	Min.	305.50	-11072.80	36	-2577.04	36	-7441.78	36	-2.39	36	-6.87	36	0.20	36
10	10	-16	Max	0.00	-11242.10	36	-2292.42	36	384.01	36	20.43	36	-7.45	36	0.20	36
10	10	-16	Max	305.50	-10478.40	36	-2292.42	36	-6619.34	36	20.43	36	54.98	36	0.20	36
10	10	-16	Min.	0.00	-11242.10	36	-2292.42	36	384.01	36	20.43	36	-7.45	36	0.20	36
10	10	-16	Min.	305.50	-10478.40	36	-2292.42	36	-6619.34	36	20.43	36	54.98	36	0.20	36
11	11	-7	Max	0.00	-11207.90	36	-2578.71	36	431.69	36	-8.51	36	2.54	36	0.20	36
11	11	-7	Max	305.50	-10444.20	36	-2578.71	36	-7446.27	36	-8.51	36	-23.44	36	0.20	36
11	11	-7	Min.	0.00	-11207.90	36	-2578.71	36	431.69	36	-8.51	36	2.54	36	0.20	36
11	11	-7	Min.	305.50	-10444.20	36	-2578.71	36	-7446.27	36	-8.51	36	-23.44	36	0.20	36
12	12	112	Max	17.00	-6164.92	36	-1717.54	36	1395.85	36	58.78	36	-2.56	36	0.20	36
12	12	112	Max	310.50	-5431.16	36	-1717.54	36	-3645.12	36	58.78	36	169.96	36	0.20	36
12	12	112	Min.	17.00	-6164.92	36	-1717.54	36	1395.85	36	58.78	36	-2.56	36	0.20	36
12	12	112	Min.	310.50	-5431.16	36	-1717.54	36	-3645.12	36	58.78	36	169.96	36	0.20	36
13	13	113	Max	17.00	-1892.10	36	-41.71	36	111.90	36	-148.78	36	67.49	36	0.08	36
13	13	113	Max	310.53	-1433.46	36	-41.71	36	-10.54	36	-148.78	36	-369.23	36	0.08	36
13	13	113	Min.	17.00	-1892.10	36	-41.71	36	111.90	36	-148.78	36	67.49	36	0.08	36
13	13	113	Min.	310.53	-1433.46	36	-41.71	36	-10.54	36	-148.78	36	-369.23	36	0.08	36
14	14	314	Max	0.00	-2948.67	36	88.81	36	-85.10	36	55.19	36	-27.73	36	-15.37	36
14	14	314	Max	340.58	-2416.52	36	88.81	36	217.35	36	55.19	36	160.23	36	-15.37	36
14	14	314	Min.	0.00	-2948.67	36	88.81	36	-85.10	36	55.19	36	-27.73	36	-15.37	36
14	14	314	Min.	340.58	-2416.52	36	88.81	36	217.35	36	55.19	36	160.23	36	-15.37	36
15	15	415	Max	0.00	-3106.85	36	124.43	36	-135.30	36	-61.57	36	38.96	36	-12.32	36
15	15	415	Max	365.09	-2536.40	36	124.43	36	318.99	36	-61.57	36	-185.84	36	-12.32	36
15	15	415	Min.	0.00	-3106.85	36	124.43	36	-135.30	36	-61.57	36	38.96	36	-12.32	36
15	15	415	Min.	365.09	-2536.40	36	124.43	36	318.99	36	-61.57	36	-185.84	36	-12.32	36
16	16	416	Max	0.00	-3099.03	36	116.72	36	-124.68	36	62.54	36	-39.81	36	13.60	36
16	16	416	Max	365.09	-2528.58	36	116.72	36	301.45	36	62.54	36	188.52	36	13.60	36
16	16	416	Min.	0.00	-3099.03	36	116.72	36	-124.68	36	62.54	36	-39.81	36	13.60	36
16	16	416	Min.	365.09	-2528.58	36	116.72	36	301.45	36	62.54	36	188.52	36	13.60	36
17	17	317	Max	0.00	-2943.50	36	87.65	36	-83.05	36	-54.68	36	27.12	36	14.22	36
17	17	317	Max	340.58	-2411.35	36	87.65	36	215.45	36	-54.68	36	-159.09	36	14.22	36
17	17	317	Min.	0.00	-2943.50	36	87.65	36	-83.05	36	-54.68	36	27.12	36	14.22	36
17	17	317	Min.	340.58	-2411.35	36	87.65	36	215.45	36	-54.68	36	-159.09	36	14.22	36
18	18	118	Max	17.00	-1880.70	36	-40.21	36	112.08	36	150.19	36	-68.59	36	0.08	36

19	19	119	Max	17.00	-2442.99	36	69.10	36	-86.61	36	-182.15	36	79.59	36	0.08	36
19	19	119	Max	310.53	-1984.35	36	69.10	36	116.22	36	-182.15	36	-455.08	36	0.08	36
19	19	119	Min.	17.00	-2442.99	36	69.10	36	-86.61	36	-182.15	36	79.59	36	0.08	36
19	19	119	Min.	310.53	-1984.35	36	69.10	36	116.22	36	-182.15	36	-455.08	36	0.08	36
20	20	320	Max	0.00	-3385.62	36	98.06	36	-89.97	36	65.51	36	-32.90	36	-15.33	36
20	20	320	Max	340.58	-2853.47	36	98.06	36	244.00	36	65.51	36	190.21	36	-15.33	36
20	20	320	Min.	0.00	-3385.62	36	98.06	36	-89.97	36	65.51	36	-32.90	36	-15.33	36
20	20	320	Min.	340.58	-2853.47	36	98.06	36	244.00	36	65.51	36	190.21	36	-15.33	36
21	21	421	Max	0.00	-3683.49	36	130.48	36	-138.75	36	-86.08	36	54.20	36	-11.57	36
21	21	421	Max	365.09	-3113.04	36	130.48	36	337.60	36	-86.08	36	-260.08	36	-11.57	36
21	21	421	Min.	0.00	-3683.49	36	130.48	36	-138.75	36	-86.08	36	54.20	36	-11.57	36
21	21	421	Min.	365.09	-3113.04	36	130.48	36	337.60	36	-86.08	36	-260.08	36	-11.57	36
22	22	422	Max	0.00	-3687.03	36	122.19	36	-128.09	36	86.23	36	-54.42	36	13.18	36
22	22	422	Max	365.09	-3116.59	36	122.19	36	318.00	36	86.23	36	260.39	36	13.18	36
22	22	422	Min.	0.00	-3687.03	36	122.19	36	-128.09	36	86.23	36	-54.42	36	13.18	36
22	22	422	Min.	365.09	-3116.59	36	122.19	36	318.00	36	86.23	36	260.39	36	13.18	36
23	23	323	Max	0.00	-3385.00	36	96.01	36	-87.32	36	-64.89	36	32.42	36	14.06	36
23	23	323	Max	340.58	-2852.85	36	96.01	36	239.68	36	-64.89	36	-188.60	36	14.06	36
23	23	323	Min.	0.00	-3385.00	36	96.01	36	-87.32	36	-64.89	36	32.42	36	14.06	36
23	23	323	Min.	340.58	-2852.85	36	96.01	36	239.68	36	-64.89	36	-188.60	36	14.06	36
24	24	124	Max	17.00	-2446.81	36	66.66	36	-83.17	36	183.07	36	-80.05	36	0.08	36
24	24	124	Max	310.53	-1988.17	36	66.66	36	112.50	36	183.07	36	457.30	36	0.08	36
24	24	124	Min.	17.00	-2446.81	36	66.66	36	-83.17	36	183.07	36	-80.05	36	0.08	36
24	24	124	Min.	310.53	-1988.17	36	66.66	36	112.50	36	183.07	36	457.30	36	0.08	36
25	25	125	Max	17.00	-2760.55	36	3.74	36	3.58	36	-217.41	36	122.73	36	0.08	36
25	25	125	Max	310.53	-2301.90	36	3.74	36	14.56	36	-217.41	36	-515.42	36	0.08	36
25	25	125	Min.	17.00	-2760.55	36	3.74	36	3.58	36	-217.41	36	122.73	36	0.08	36
25	25	125	Min.	310.53	-2301.90	36	3.74	36	14.56	36	-217.41	36	-515.42	36	0.08	36
26	26	326	Max	0.00	-3853.09	36	68.56	36	-74.37	36	72.25	36	-35.89	36	-16.53	36
26	26	326	Max	340.58	-3320.95	36	68.56	36	159.14	36	72.25	36	210.18	36	-16.53	36
26	26	326	Min.	0.00	-3853.09	36	68.56	36	-74.37	36	72.25	36	-35.89	36	-16.53	36
26	26	326	Min.	340.58	-3320.95	36	68.56	36	159.14	36	72.25	36	210.18	36	-16.53	36
27	27	427	Max	0.00	-4266.79	36	102.18	36	-121.98	36	-101.80	36	64.26	36	-12.22	36
27	27	427	Max	365.09	-3696.34	36	102.18	36	251.06	36	-101.80	36	-307.41	36	-12.22	36
27	27	427	Min.	0.00	-4266.79	36	102.18	36	-121.98	36	-101.80	36	64.26	36	-12.22	36
27	27	427	Min.	365.09	-3696.34	36	102.18	36	251.06	36	-101.80	36	-307.41	36	-12.22	36
28	28	428	Max	0.00	-4266.04	36	94.40	36	-111.89	36	101.60	36	-64.03	36	13.96	36
28	28	428	Max	365.09	-3695.59	36	94.40	36	232.74	36	101.60	36	306.91	36	13.96	36
28	28	428	Min.	0.00	-4266.04	36	94.40	36	-111.89	36	101.60	36	-64.03	36	13.96	36
28	28	428	Min.	365.09	-3695.59	36	94.40	36	232.74	36	101.60	36	306.91	36	13.96	36
29	29	329	Max	0.00	-3850.15	36	66.44	36	-71.57	36	-72.05	36	35.91	36	14.99	36
29	29	329	Max	340.58	-3318.00	36	66.44	36	154.70	36	-72.05	36	-209.47	36	14.99	36
29	29	329	Min.	0.00	-3850.15	36	66.44	36	-71.57	36	-72.05	36	35.91	36	14.99	36
29	29	329	Min.	340.58	-3318.00	36	66.44	36	154.70	36	-72.05	36	-209.47	36	14.99	36
30	30	130	Max	17.00	-2762.13	36	1.84	36	6.84	36	217.90	36	-122.56	36	0.08	36
30	30	130	Max	310.53	-2303.49	36	1.84	36	12.24	36	217.90	36	517.05	36	0.08	36
30	30	130	Min.	17.00	-2762.13	36	1.84	36	6.84	36	217.90	36	-122.56	36	0.08	36
30	30	130	Min.	310.53	-2303.49	36	1.84	36	12.24	36	217.90	36	517.05	36	0.08	36
31	31	231	Max	17.00	-1707.56	36	-248.76	36	278.85	36	-202.58	36	208.48	36	0.08	36
31	31	231	Max	310.53	-1248.91	36	-248.76	36	-451.33	36	-202.58	36	-386.16	36	0.08	36
31	31	231	Min.	17.00	-1707.56	36	-248.76	36	278.85	36	-202.58	36	208.48	36	0.08	36
31	31	231	Min.	310.53	-1248.91	36	-248.76	36	-451.33	36	-202.58	36	-386.16	36	0.08	36
32	32	332	Max	17.00	-2317.27	36	-135.07	36	44.64	36	71.46	36	-68.87	36	-14.25	36
32	32	332	Max	340.58	-1811.68	36	-135.07	36	-392.41	36	71.46	36	162.35	36	-14.25	36
32	32	332	Min.	17.00	-2317.27	36	-135.07	36	44.64	36	71.46	36	-68.87	36	-14.25	36
32	32	332	Min.	340.58	-1811.68	36	-135.07	36	-392.41	36	71.46	36	162.35	36	-14.25	36
33	33	433	Max	17.00	-2441.98	36	-120.87	36	-10.80	36	-30.27	36	-10.87	36	-3.10	36
33	33	433	Max	365.09	-1898.09	36	-120.87	36	-431.53	36	-30.27	36	-116.25	36	-3.10	36
33	33	433	Min.	17.00	-2441.98	36	-120.87	36	-10.80	36	-30.27	36	-10.87	36	-3.10	36
33	33	433	Min.	365.09	-1898.09	36	-120.87	36	-431.53	36	-30.27	36	-116.25	36	-3.10	36
34	34	434	Max	17.00	-2446.02	36	-131.66	36	9.48	36	28.94	36	13.31	36	5.09	36
34	34	434	Max	365.09	-1902.13	36	-131.66	36	-448.79	36	28.94	36	114.03	36	5.09	36
34	34	434	Min.	17.00	-2446.02	36	-131.66	36	9.48	36	28.94	36	13.31	36	5.09	36
34	34	434	Min.	365.09	-1902.13	36	-131.66	36	-448.79	36	28.94	36	114.03	36	5.09	36
35	35	335	Max	17.00	-2317.00	36	-137.20	36	47.78	36	-72.62	36	71.05	36	12.22	36
35	35	335	Max	340.58	-1811.42	36	-137.20	36	-396.17	36	-72.62	36	-163.91	36	12.22	36
35	35	335	Min.	17.00	-2317.00	36	-137.20	36	47.78	36	-72.62	36	71.05	36	12.22	36
35	35	335	Min.	340.58	-1811.42	36	-137.20	36	-396.17	36	-72.62	36	-163.91	36	12.22	36
36	36	136	Max	17.00	-1708.66	36	-248.83	36	279.74	36	201.71	36	-206.45	36	0.08	36
36	36	136	Max	310.53	-1250.02	36	-248.83	36	-450.65	36	201.71	36	385.63	36	0.08	36
36	36	136	Min.	17.00	-1708.66	36	-248.83	36	279.74	36	201.71	36	-206.45	36	0.08	36
36	36	136	Min.	310.53	-1250.02	36	-248.83	36	-450.65	36	201.71	36	385.63	36	0.08	36
101	101	302	Max	12.50	0.00	36	0.00	36	0.00	36	355.91	36	-260.93	36	-149.92	36
101	101	302	Max	240.28									144.42	36		
101	101	302	Max	416.50	0.00	36	0.00	36	0.00	36	-275.34	36	-98.19	36	-149.92	36
101	101	302	Min.	12.50	0.00	36	0.00	36	0.00	36	355.91	36	-260.93	36	-149.92	36
101	101	302	Min.	240.28									144.42	36		
101	101	302	Min.	416.50	0.00	36	0.00	36	0.00	36	-275.34	36	-98.19	36	-149.92	36
101	302	403	Max	12.50	0.00	36	0.00	36	0.00	36	252.60	36	-146.91	36	-10.48	36
101	302	403	Max	174.16									57.27	36		
101	302	403	Max	337.50	0.00	36	0.00	36	0.00	36	-255.22	36	-151.17	36	-10.48	36
101	302	403	Min.	12.50	0.00	36	0.00	36	0.00	36	252.60	36	-146.91	36	-10.48	36
101	302	403	Min.	174.16									57.27	36		
101	302	403	Min.	337.50	0.00	36	0.00	36	0.00	36	-255.22	36	-151.17	36	-10.48	36
101	403	-8	Max	12.50	0.00	36</										

101	-8	404	Max	0.00	0.00	36	0.00	36	0.00	36	-8.58	36	132.51	36	24.97	36
101	-8	404	Max	208.00	0.00	36	0.00	36	0.00	36	-333.58	36	-223.33	36	24.97	36
101	-8	404	Min.	0.00	0.00	36	0.00	36	0.00	36	-8.58	36	132.51	36	24.97	36
101	-8	404	Min.	208.00	0.00	36	0.00	36	0.00	36	-333.58	36	-223.33	36	24.97	36
101	404	305	Max	12.50	0.00	36	0.00	36	0.00	36	265.24	36	-170.31	36	-18.04	36
101	404	305	Max	182.25									54.82	36		
101	404	305	Max	337.50	0.00	36	0.00	36	0.00	36	-242.57	36	-133.47	36	-18.04	36
101	404	305	Min.	12.50	0.00	36	0.00	36	0.00	36	265.24	36	-170.31	36	-18.04	36
101	404	305	Min.	182.25									54.82	36		
101	404	305	Min.	337.50	0.00	36	0.00	36	0.00	36	-242.57	36	-133.47	36	-18.04	36
101	305	106	Max	12.50	0.00	36	0.00	36	0.00	36	273.77	36	-93.89	36	146.23	36
101	305	106	Max	187.71									145.95	36		
101	305	106	Max	416.50	0.00	36	0.00	36	0.00	36	-357.48	36	-262.98	36	146.23	36
101	305	106	Min.	12.50	0.00	36	0.00	36	0.00	36	273.77	36	-93.89	36	146.23	36
101	305	106	Min.	187.71									145.95	36		
101	305	106	Min.	416.50	0.00	36	0.00	36	0.00	36	-357.48	36	-262.98	36	146.23	36
107	101	-120	Max	20.00	0.00	36	0.00	36	0.00	36	4059.01	36	-3064.53	36	-3.13	36
107	101	-120	Max	105.83	0.00	36	0.00	36	0.00	36	2858.63	36	-95.71	36	-3.13	36
107	101	-120	Min.	20.00	0.00	36	0.00	36	0.00	36	4059.01	36	-3064.53	36	-3.13	36
107	101	-120	Min.	105.83	0.00	36	0.00	36	0.00	36	2858.63	36	-95.71	36	-3.13	36
107	-120	-121	Max	0.00	0.00	36	0.00	36	0.00	36	2858.63	36	-95.71	36	-3.13	36
107	-120	-121	Max	122.83	0.00	36	0.00	36	0.00	36	1140.81	36	2360.62	36	-3.13	36
107	-120	-121	Min.	0.00	0.00	36	0.00	36	0.00	36	2858.63	36	-95.71	36	-3.13	36
107	-120	-121	Min.	122.83	0.00	36	0.00	36	0.00	36	1140.81	36	2360.62	36	-3.13	36
107	-121	-122	Max	0.00	0.00	36	0.00	36	0.00	36	1140.80	36	2360.62	36	-3.13	36
107	-121	-122	Max	81.57									2825.92	36		
107	-121	-122	Max	105.83	0.00	36	0.00	36	0.00	36	-339.27	36	2784.77	36	-3.13	36
107	-121	-122	Min.	0.00	0.00	36	0.00	36	0.00	36	1140.80	36	2360.62	36	-3.13	36
107	-121	-122	Min.	81.57									2825.92	36		
107	-121	-122	Min.	105.83	0.00	36	0.00	36	0.00	36	-339.27	36	2784.77	36	-3.13	36
107	-122	-123	Max	0.00	0.00	36	0.00	36	0.00	36	-339.27	36	2784.77	36	-3.13	36
107	-122	-123	Max	105.83	0.00	36	0.00	36	0.00	36	-1819.35	36	1642.50	36	-3.13	36
107	-122	-123	Min.	0.00	0.00	36	0.00	36	0.00	36	-339.27	36	2784.77	36	-3.13	36
107	-122	-123	Min.	105.83	0.00	36	0.00	36	0.00	36	-1819.35	36	1642.50	36	-3.13	36
107	-123	-124	Max	0.00	0.00	36	0.00	36	0.00	36	-1819.34	36	1642.50	36	-3.13	36
107	-123	-124	Max	105.83	0.00	36	0.00	36	0.00	36	-3299.42	36	-1066.18	36	-3.13	36
107	-123	-124	Min.	0.00	0.00	36	0.00	36	0.00	36	-1819.34	36	1642.50	36	-3.13	36
107	-123	-124	Min.	105.83	0.00	36	0.00	36	0.00	36	-3299.42	36	-1066.18	36	-3.13	36
107	-124	107	Max	0.00	0.00	36	0.00	36	0.00	36	-3299.43	36	-1066.20	36	-3.13	36
107	-124	107	Max	68.83	0.00	36	0.00	36	0.00	36	-4262.07	36	-3668.62	36	-3.13	36
107	-124	107	Min.	0.00	0.00	36	0.00	36	0.00	36	-3299.43	36	-1066.20	36	-3.13	36
107	-124	107	Min.	68.83	0.00	36	0.00	36	0.00	36	-4262.07	36	-3668.62	36	-3.13	36
110	302	-115	Max	20.00	0.00	36	0.00	36	0.00	36	7622.98	36	-6331.56	36	9.60	36
110	302	-115	Max	105.83	0.00	36	0.00	36	0.00	36	5596.46	36	-658.22	36	9.60	36
110	302	-115	Min.	20.00	0.00	36	0.00	36	0.00	36	7622.98	36	-6331.56	36	9.60	36
110	302	-115	Min.	105.83	0.00	36	0.00	36	0.00	36	5596.46	36	-658.22	36	9.60	36
110	-115	-116	Max	0.00	0.00	36	0.00	36	0.00	36	5596.46	36	-658.22	36	9.60	36
110	-115	-116	Max	122.83	0.00	36	0.00	36	0.00	36	2696.36	36	4434.96	36	9.60	36
110	-115	-116	Min.	0.00	0.00	36	0.00	36	0.00	36	5596.46	36	-658.22	36	9.60	36
110	-115	-116	Min.	122.83	0.00	36	0.00	36	0.00	36	2696.36	36	4434.96	36	9.60	36
110	-116	-117	Max	0.00	0.00	36	0.00	36	0.00	36	2696.35	36	4434.97	36	9.60	36
110	-116	-117	Max	105.83	0.00	36	0.00	36	0.00	36	197.63	36	5966.37	36	9.60	36
110	-116	-117	Min.	0.00	0.00	36	0.00	36	0.00	36	2696.35	36	4434.97	36	9.60	36
110	-116	-117	Min.	105.83	0.00	36	0.00	36	0.00	36	197.63	36	5966.37	36	9.60	36
110	-117	-118	Max	0.00	0.00	36	0.00	36	0.00	36	-502.36	36	5966.37	36	9.60	36
110	-117	-118	Max	105.83	0.00	36	0.00	36	0.00	36	-3001.09	36	4112.46	36	9.60	36
110	-117	-118	Min.	0.00	0.00	36	0.00	36	0.00	36	-502.36	36	5966.37	36	9.60	36
110	-117	-118	Min.	105.83	0.00	36	0.00	36	0.00	36	-3001.09	36	4112.46	36	9.60	36
110	-118	-119	Max	0.00	0.00	36	0.00	36	0.00	36	-3701.08	36	4112.47	36	9.60	36
110	-118	-119	Max	105.83	0.00	36	0.00	36	0.00	36	-6199.81	36	-1126.75	36	9.60	36
110	-118	-119	Min.	0.00	0.00	36	0.00	36	0.00	36	-3701.08	36	4112.47	36	9.60	36
110	-118	-119	Min.	105.83	0.00	36	0.00	36	0.00	36	-6199.81	36	-1126.75	36	9.60	36
110	-119	-155	Max	0.00	0.00	36	0.00	36	0.00	36	-6899.82	36	-1126.79	36	9.60	36
110	-119	-155	Max	68.83	0.00	36	0.00	36	0.00	36	-8524.98	36	-6435.50	36	9.60	36
110	-119	-155	Min.	0.00	0.00	36	0.00	36	0.00	36	-6899.82	36	-1126.79	36	9.60	36
110	-119	-155	Min.	68.83	0.00	36	0.00	36	0.00	36	-8524.98	36	-6435.50	36	9.60	36
112	403	-95	Max	20.00	0.00	36	0.00	36	0.00	36	7679.69	36	-6298.35	36	-6.98	36
112	403	-95	Max	105.83	0.00	36	0.00	36	0.00	36	5624.84	36	-588.50	36	-6.98	36
112	403	-95	Min.	20.00	0.00	36	0.00	36	0.00	36	7679.69	36	-6298.35	36	-6.98	36
112	403	-95	Min.	105.83	0.00	36	0.00	36	0.00	36	5624.84	36	-588.50	36	-6.98	36
112	-95	-96	Max	0.00	0.00	36	0.00	36	0.00	36	5624.84	36	-588.50	36	-6.98	36
112	-95	-96	Max	122.83	0.00	36	0.00	36	0.00	36	2684.21	36	4514.64	36	-6.98	36
112	-95	-96	Min.	0.00	0.00	36	0.00	36	0.00	36	5624.84	36	-588.50	36	-6.98	36
112	-95	-96	Min.	122.83	0.00	36	0.00	36	0.00	36	2684.21	36	4514.64	36	-6.98	36
112	-96	-97	Max	0.00	0.00	36	0.00	36	0.00	36	2684.20	36	4514.65	36	-6.98	36
112	-96	-97	Max	105.83	0.00	36	0.00	36	0.00	36	150.55	36	6014.70	36	-6.98	36
112	-96	-97	Min.	0.00	0.00	36	0.00	36	0.00	36	2684.20	36	4514.65	36	-6.98	36
112	-96	-97	Min.	105.83	0.00	36	0.00	36	0.00	36	150.55	36	6014.70	36	-6.98	36
112	-97	-98	Max	0.00	0.00	36	0.00	36	0.00	36	-549.44	36	6014.70	36	-6.98	36
112	-97	-98	Max	105.83	0.00	36	0.00	36	0.00	36	-3083.09	36	4092.49	36	-6.98	36
112	-97	-98	Min.	0.00	0.00	36	0.00	36	0.00	36	-549.44	36	6014.70	36	-6.98	36
112	-97	-98	Min.	105.83	0.00	36	0.00	36	0.00	36	-3083.09	36	4092.49	36	-6.98	36
112	-98	-99	Max	0.00	0.00	36	0.00	36	0.00	36	-3783.09	36	4092.50	36	-6.98	36
112	-98	-99	Max	105.83	0.00	36	0.00	36	0.00	36	-6316.74	36	-1251.99	36	-6.98	36
112	-98	-99	Min.	0.00	0.00	36	0.00	36	0.00	36	-3783.09	36	4092.50	36	-6.98	36
112	-98	-99	Min.	105.83	0.00	36	0.00	36	0.00	36	-6316.74	36	-1251.99	36	-6.98	36
112	-99	-15	Max	0.00	0.00	36										

114	404	-100	Max	20.00	0.00	36	0.00	36	0.00	36	7154.61	36	-5583.07	36	1.31	36
114	404	-100	Max	105.83	0.00	36	0.00	36	0.00	36	5099.76	36	-323.90	36	1.31	36
114	404	-100	Min.	20.00	0.00	36	0.00	36	0.00	36	7154.61	36	-5583.07	36	1.31	36
114	404	-100	Min.	105.83	0.00	36	0.00	36	0.00	36	5099.76	36	-323.90	36	1.31	36
114	-100	-101	Max	0.00	0.00	36	0.00	36	0.00	36	5099.76	36	-323.90	36	1.31	36
114	-100	-101	Max	122.83	0.00	36	0.00	36	0.00	36	2159.13	36	4134.27	36	1.31	36
114	-100	-101	Min.	0.00	0.00	36	0.00	36	0.00	36	5099.76	36	-323.90	36	1.31	36
114	-100	-101	Min.	122.83	0.00	36	0.00	36	0.00	36	2159.13	36	4134.27	36	1.31	36
114	-101	-102	Max	0.00	0.00	36	0.00	36	0.00	36	2159.12	36	4134.28	36	1.31	36
114	-101	-102	Max	90.19									5107.92	36		
114	-101	-102	Max	105.83	0.00	36	0.00	36	0.00	36	-374.53	36	5078.63	36	1.31	36
114	-101	-102	Min.	0.00	0.00	36	0.00	36	0.00	36	2159.12	36	4134.28	36	1.31	36
114	-101	-102	Min.	90.19									5107.92	36		
114	-101	-102	Min.	105.83	0.00	36	0.00	36	0.00	36	-374.53	36	5078.63	36	1.31	36
114	-102	-103	Max	0.00	0.00	36	0.00	36	0.00	36	-374.52	36	5078.63	36	1.31	36
114	-102	-103	Max	105.83	0.00	36	0.00	36	0.00	36	-2908.17	36	3341.54	36	1.31	36
114	-102	-103	Min.	0.00	0.00	36	0.00	36	0.00	36	-374.52	36	5078.63	36	1.31	36
114	-102	-103	Min.	105.83	0.00	36	0.00	36	0.00	36	-2908.17	36	3341.54	36	1.31	36
114	-103	-104	Max	0.00	0.00	36	0.00	36	0.00	36	-2908.16	36	3341.55	36	1.31	36
114	-103	-104	Max	105.83	0.00	36	0.00	36	0.00	36	-5441.81	36	-1076.98	36	1.31	36
114	-103	-104	Min.	0.00	0.00	36	0.00	36	0.00	36	-2908.16	36	3341.55	36	1.31	36
114	-103	-104	Min.	105.83	0.00	36	0.00	36	0.00	36	-5441.81	36	-1076.98	36	1.31	36
114	-104	-16	Max	0.00	0.00	36	0.00	36	0.00	36	-5441.83	36	-1077.01	36	1.31	36
114	-104	-16	Max	68.83	0.00	36	0.00	36	0.00	36	-7089.70	36	-5389.95	36	1.31	36
114	-104	-16	Min.	0.00	0.00	36	0.00	36	0.00	36	-5441.83	36	-1077.01	36	1.31	36
114	-104	-16	Min.	68.83	0.00	36	0.00	36	0.00	36	-7089.70	36	-5389.95	36	1.31	36
116	305	-105	Max	20.00	0.00	36	0.00	36	0.00	36	7604.48	36	-6301.39	36	-0.62	36
116	305	-105	Max	105.83	0.00	36	0.00	36	0.00	36	5577.95	36	-643.93	36	-0.62	36
116	305	-105	Min.	20.00	0.00	36	0.00	36	0.00	36	7604.48	36	-6301.39	36	-0.62	36
116	305	-105	Min.	105.83	0.00	36	0.00	36	0.00	36	5577.95	36	-643.93	36	-0.62	36
116	-105	-106	Max	0.00	0.00	36	0.00	36	0.00	36	5577.95	36	-643.93	36	-0.62	36
116	-105	-106	Max	122.83	0.00	36	0.00	36	0.00	36	2677.86	36	4426.51	36	-0.62	36
116	-105	-106	Min.	0.00	0.00	36	0.00	36	0.00	36	5577.95	36	-643.93	36	-0.62	36
116	-105	-106	Min.	122.83	0.00	36	0.00	36	0.00	36	2677.86	36	4426.51	36	-0.62	36
116	-106	-107	Max	0.00	0.00	36	0.00	36	0.00	36	2677.85	36	4426.52	36	-0.62	36
116	-106	-107	Max	105.83	0.00	36	0.00	36	0.00	36	179.12	36	5938.34	36	-0.62	36
116	-106	-107	Min.	0.00	0.00	36	0.00	36	0.00	36	2677.85	36	4426.52	36	-0.62	36
116	-106	-107	Min.	105.83	0.00	36	0.00	36	0.00	36	179.12	36	5938.34	36	-0.62	36
116	-107	-108	Max	0.00	0.00	36	0.00	36	0.00	36	-520.87	36	5938.33	36	-0.62	36
116	-107	-108	Max	105.83	0.00	36	0.00	36	0.00	36	-3019.59	36	4064.84	36	-0.62	36
116	-107	-108	Min.	0.00	0.00	36	0.00	36	0.00	36	-520.87	36	5938.33	36	-0.62	36
116	-107	-108	Min.	105.83	0.00	36	0.00	36	0.00	36	-3019.59	36	4064.84	36	-0.62	36
116	-108	-109	Max	0.00	0.00	36	0.00	36	0.00	36	-3719.59	36	4064.85	36	-0.62	36
116	-108	-109	Max	105.83	0.00	36	0.00	36	0.00	36	-6218.31	36	-1193.95	36	-0.62	36
116	-108	-109	Min.	0.00	0.00	36	0.00	36	0.00	36	-3719.59	36	4064.85	36	-0.62	36
116	-108	-109	Min.	105.83	0.00	36	0.00	36	0.00	36	-6218.31	36	-1193.95	36	-0.62	36
116	-109	-7	Max	0.00	0.00	36	0.00	36	0.00	36	-6918.33	36	-1194.00	36	-0.62	36
116	-109	-7	Max	68.83	0.00	36	0.00	36	0.00	36	-8543.48	36	-6515.44	36	-0.62	36
116	-109	-7	Min.	0.00	0.00	36	0.00	36	0.00	36	-6918.33	36	-1194.00	36	-0.62	36
116	-109	-7	Min.	68.83	0.00	36	0.00	36	0.00	36	-8543.48	36	-6515.44	36	-0.62	36
119	106	-110	Max	20.00	0.00	36	0.00	36	0.00	36	4071.42	36	-3083.64	36	1.67	36
119	106	-110	Max	105.83	0.00	36	0.00	36	0.00	36	2871.04	36	-104.17	36	1.67	36
119	106	-110	Min.	20.00	0.00	36	0.00	36	0.00	36	4071.42	36	-3083.64	36	1.67	36
119	106	-110	Min.	105.83	0.00	36	0.00	36	0.00	36	2871.04	36	-104.17	36	1.67	36
119	-110	-111	Max	0.00	0.00	36	0.00	36	0.00	36	2871.04	36	-104.17	36	1.67	36
119	-110	-111	Max	122.83	0.00	36	0.00	36	0.00	36	1153.21	36	2367.39	36	1.67	36
119	-110	-111	Min.	0.00	0.00	36	0.00	36	0.00	36	2871.04	36	-104.17	36	1.67	36
119	-110	-111	Min.	122.83	0.00	36	0.00	36	0.00	36	1153.21	36	2367.39	36	1.67	36
119	-111	-112	Max	0.00	0.00	36	0.00	36	0.00	36	1153.21	36	2367.39	36	1.67	36
119	-111	-112	Max	82.46									2842.86	36		
119	-111	-112	Max	105.83	0.00	36	0.00	36	0.00	36	-326.87	36	2804.66	36	1.67	36
119	-111	-112	Min.	0.00	0.00	36	0.00	36	0.00	36	1153.21	36	2367.39	36	1.67	36
119	-111	-112	Min.	82.46									2842.86	36		
119	-111	-112	Min.	105.83	0.00	36	0.00	36	0.00	36	-326.87	36	2804.66	36	1.67	36
119	-112	-113	Max	0.00	0.00	36	0.00	36	0.00	36	-326.87	36	2804.66	36	1.67	36
119	-112	-113	Max	105.83	0.00	36	0.00	36	0.00	36	-1806.95	36	1675.52	36	1.67	36
119	-112	-113	Min.	0.00	0.00	36	0.00	36	0.00	36	-326.87	36	2804.66	36	1.67	36
119	-112	-113	Min.	105.83	0.00	36	0.00	36	0.00	36	-1806.95	36	1675.52	36	1.67	36
119	-113	-114	Max	0.00	0.00	36	0.00	36	0.00	36	-1806.94	36	1675.52	36	1.67	36
119	-113	-114	Max	105.83	0.00	36	0.00	36	0.00	36	-3287.02	36	-1020.03	36	1.67	36
119	-113	-114	Min.	0.00	0.00	36	0.00	36	0.00	36	-1806.94	36	1675.52	36	1.67	36
119	-113	-114	Min.	105.83	0.00	36	0.00	36	0.00	36	-3287.02	36	-1020.03	36	1.67	36
119	-114	112	Max	0.00	0.00	36	0.00	36	0.00	36	-3287.03	36	-1020.05	36	1.67	36
119	-114	112	Max	68.83	0.00	36	0.00	36	0.00	36	-4249.67	36	-3613.93	36	1.67	36
119	-114	112	Min.	0.00	0.00	36	0.00	36	0.00	36	-3287.03	36	-1020.05	36	1.67	36
119	-114	112	Min.	68.83	0.00	36	0.00	36	0.00	36	-4249.67	36	-3613.93	36	1.67	36
207	107	113	Max	0.00	0.00	36	0.00	36	0.00	36	553.27	36	-746.21	36	39.05	36
207	107	113	Max	271.89									5.94	36		
207	107	113	Max	397.50	0.00	36	0.00	36	0.00	36	-255.60	36	-154.59	36	39.05	36
207	107	113	Min.	0.00	0.00	36	0.00	36	0.00	36	553.27	36	-746.21	36	39.05	36
207	107	113	Min.	271.89									5.94	36		
207	107	113	Min.	397.50	0.00	36	0.00	36	0.00	36	-255.60	36	-154.59	36	39.05	36
207	113	119	Max	12.50	0.00	36	0.00	36	0.00	36	335.39	36	-145.55	36	13.58	36
207	113	119	Max	177.32									130.84	36		
207	113	119	Max	397.50	0.00	36	0.00	36	0.00	36	-448.05	36	-362.42	36	13.58	36
207	113	119	Min.	12.50	0.00	36	0.00	36	0.00	36	335.39	36	-145.55	36	13.58	36
207	113	119	Min.	177.32					</							

207	119	125	Max	577.50	0.00	36	0.00	36	0.00	36	-588.96	36	-566.80	36	4.37	36
207	119	125	Min.	12.50	0.00	36	0.00	36	0.00	36	560.76	36	-487.16	36	4.37	36
207	119	125	Min.	288.07									285.50	36		
207	119	125	Min.	577.50	0.00	36	0.00	36	0.00	36	-588.96	36	-566.80	36	4.37	36
207	125	231	Max	12.50	0.00	36	0.00	36	0.00	36	615.93	36	-596.28	36	-20.50	36
207	125	231	Max	315.18									335.87	36		
207	125	231	Max	577.50	0.00	36	0.00	36	0.00	36	-533.79	36	-364.24	36	-20.50	36
207	125	231	Min.	12.50	0.00	36	0.00	36	0.00	36	615.93	36	-596.28	36	-20.50	36
207	125	231	Min.	315.18									335.87	36		
207	125	231	Min.	577.50	0.00	36	0.00	36	0.00	36	-533.79	36	-364.24	36	-20.50	36
219	112	118	Max	0.00	0.00	36	0.00	36	0.00	36	560.56	36	-773.34	36	-38.75	36
219	112	118	Max	276.80									2.48	36		
219	112	118	Max	397.50	-0.00	36	0.00	36	0.00	36	-244.43	36	-145.03	36	-38.75	36
219	112	118	Min.	0.00	0.00	36	0.00	36	0.00	36	560.56	36	-773.34	36	-38.75	36
219	112	118	Min.	276.80									2.48	36		
219	112	118	Min.	397.50	-0.00	36	0.00	36	0.00	36	-244.43	36	-145.03	36	-38.75	36
219	118	124	Max	12.50	0.00	36	0.00	36	0.00	36	330.95	36	-137.76	36	-13.64	36
219	118	124	Max	175.92									132.67	36		
219	118	124	Max	397.50	0.00	36	0.00	36	0.00	36	-448.72	36	-364.47	36	-13.64	36
219	118	124	Min.	12.50	0.00	36	0.00	36	0.00	36	330.95	36	-137.76	36	-13.64	36
219	118	124	Min.	175.92									132.67	36		
219	118	124	Min.	397.50	0.00	36	0.00	36	0.00	36	-448.72	36	-364.47	36	-13.64	36
219	124	130	Max	12.50	0.00	36	0.00	36	0.00	36	557.67	36	-483.87	36	-4.49	36
219	124	130	Max	287.87									283.97	36		
219	124	130	Max	577.50	0.00	36	0.00	36	0.00	36	-586.53	36	-565.40	36	-4.49	36
219	124	130	Min.	12.50	0.00	36	0.00	36	0.00	36	557.67	36	-483.87	36	-4.49	36
219	124	130	Min.	287.87									283.97	36		
219	124	130	Min.	577.50	0.00	36	0.00	36	0.00	36	-586.53	36	-565.40	36	-4.49	36
219	130	136	Max	12.50	0.00	36	0.00	36	0.00	36	612.27	36	-591.47	36	20.50	36
219	130	136	Max	314.84									334.08	36		
219	130	136	Max	577.50	0.00	36	0.00	36	0.00	36	-531.93	36	-364.51	36	20.50	36
219	130	136	Min.	12.50	0.00	36	0.00	36	0.00	36	612.27	36	-591.47	36	20.50	36
219	130	136	Min.	314.84									334.08	36		
219	130	136	Min.	577.50	0.00	36	0.00	36	0.00	36	-531.93	36	-364.51	36	20.50	36
303	113	-131	Max	12.47	-1161.19	36	151.71	36	-213.62	36	673.15	36	-328.10	36	0.43	36
303	113	-131	Max	145.35	-1146.68	36	151.71	36	-12.01	36	466.02	36	428.80	36	0.43	36
303	113	-131	Min.	12.47	-1161.19	36	151.71	36	-213.62	36	673.15	36	-328.10	36	0.43	36
303	113	-131	Min.	145.35	-1146.68	36	151.71	36	-12.01	36	466.02	36	428.80	36	0.43	36
303	-131	-132	Max	0.00	-1114.70	36	28.87	36	-24.22	36	38.58	36	429.16	36	-0.42	36
303	-131	-132	Max	24.75					-17.07	36			433.94	36		
303	-131	-132	Max	142.35	-1099.16	36	28.87	36	16.88	36	-183.29	36	326.17	36	-0.42	36
303	-131	-132	Min.	0.00	-1114.70	36	28.87	36	-24.22	36	38.58	36	429.16	36	-0.42	36
303	-131	-132	Min.	24.75					-17.07	36			433.94	36		
303	-131	-132	Min.	142.35	-1099.16	36	28.87	36	16.88	36	-183.29	36	326.17	36	-0.42	36
303	-132	314	Max	0.00	-1067.76	36	87.94	36	3.58	36	-606.75	36	326.60	36	-1.35	36
303	-132	314	Max	129.88	-1053.58	36	87.94	36	117.80	36	-809.19	36	-592.91	36	-1.35	36
303	-132	314	Min.	0.00	-1067.76	36	87.94	36	3.58	36	-606.75	36	326.60	36	-1.35	36
303	-132	314	Min.	129.88	-1053.58	36	87.94	36	117.80	36	-809.19	36	-592.91	36	-1.35	36
303	314	-147	Max	12.47	-1056.47	36	74.52	36	-101.12	36	508.00	36	-449.03	36	-0.87	36
303	314	-147	Max	175.93	-1038.63	36	74.52	36	20.69	36	253.22	36	173.12	36	-0.87	36
303	314	-147	Min.	12.47	-1056.47	36	74.52	36	-101.12	36	508.00	36	-449.03	36	-0.87	36
303	314	-147	Min.	175.93	-1038.63	36	74.52	36	20.69	36	253.22	36	173.12	36	-0.87	36
303	-147	415	Max	0.00	-1001.44	36	49.17	36	7.84	36	-258.21	36	173.15	36	-1.77	36
303	-147	415	Max	162.46	-983.70	36	49.17	36	87.72	36	-511.44	36	-452.03	36	-1.77	36
303	-147	415	Min.	0.00	-1001.44	36	49.17	36	7.84	36	-258.21	36	173.15	36	-1.77	36
303	-147	415	Min.	162.46	-983.70	36	49.17	36	87.72	36	-511.44	36	-452.03	36	-1.77	36
303	415	-10	Max	12.47	-1098.48	36	120.55	36	-78.12	36	810.42	36	-632.31	36	-70.26	36
303	415	-10	Max	221.04	-1075.71	36	120.55	36	173.31	36	485.32	36	718.96	36	-70.26	36
303	415	-10	Min.	12.47	-1098.48	36	120.55	36	-78.12	36	810.42	36	-632.31	36	-70.26	36
303	415	-10	Min.	221.04	-1075.71	36	120.55	36	173.31	36	485.32	36	718.96	36	-70.26	36
303	-10	416	Max	0.00	-1065.79	36	-186.54	36	232.39	36	-481.75	36	714.79	36	67.81	36
303	-10	416	Max	208.57	-1088.55	36	-186.54	36	-156.67	36	-806.85	36	-629.03	36	67.81	36
303	-10	416	Min.	0.00	-1065.79	36	-186.54	36	232.39	36	-481.75	36	714.79	36	67.81	36
303	-10	416	Min.	208.57	-1088.55	36	-186.54	36	-156.67	36	-806.85	36	-629.03	36	67.81	36
303	416	-149	Max	12.47	-966.61	36	-19.76	36	41.38	36	512.30	36	-454.04	36	2.79	36
303	416	-149	Max	174.93	-984.35	36	-19.76	36	9.28	36	259.08	36	172.54	36	2.79	36
303	416	-149	Min.	12.47	-966.61	36	-19.76	36	41.38	36	512.30	36	-454.04	36	2.79	36
303	416	-149	Min.	174.93	-984.35	36	-19.76	36	9.28	36	259.08	36	172.54	36	2.79	36
303	-149	317	Max	0.00	-1021.69	36	-54.12	36	18.91	36	-252.34	36	172.54	36	2.12	36
303	-149	317	Max	163.46	-1039.53	36	-54.12	36	-69.56	36	-507.13	36	-448.18	36	2.12	36
303	-149	317	Min.	0.00	-1021.69	36	-54.12	36	18.91	36	-252.34	36	172.54	36	2.12	36
303	-149	317	Min.	163.46	-1039.53	36	-54.12	36	-69.56	36	-507.13	36	-448.18	36	2.12	36
303	317	-151	Max	12.47	-1030.38	36	-98.95	36	133.89	36	803.10	36	-590.29	36	0.89	36
303	317	-151	Max	145.35	-1044.89	36	-98.95	36	2.40	36	595.98	36	339.30	36	0.89	36
303	317	-151	Min.	12.47	-1030.38	36	-98.95	36	133.89	36	803.10	36	-590.29	36	0.89	36
303	317	-151	Min.	145.35	-1044.89	36	-98.95	36	2.40	36	595.98	36	339.30	36	0.89	36
303	-151	-152	Max	0.00	-1076.86	36	-43.68	36	15.65	36	168.54	36	338.96	36	-0.03	36
303	-151	-152	Max	108.13					-31.58	36			430.08	36		
303	-151	-152	Max	142.35	-1092.40	36	-43.68	36	-46.53	36	-53.34	36	420.95	36	-0.03	36
303	-151	-152	Min.	0.00	-1076.86	36	-43.68	36	15.65	36	168.54	36	338.96	36	-0.03	36
303	-151	-152	Min.	108.13					-31.58	36			430.08	36		
303	-151	-152	Min.	142.35	-1092.40	36	-43.68	36	-46.53	36	-53.34	36	420.95	36	-0.03	36
303	-152	118	Max	0.00	-1123.33	36	-112.92	36	-34.26	36	-476.83	36	420.57	36	-0.89	36
303	-152	118	Max	129.88	-1137.51	36	-112.92	36	-180.92	36	-679.27	36	-330.19	36	-0.89	36
303	-152	118	Min.	0.00	-1123.33	36	-112.92	36	-34.26	36	-476.83	36	420.57	36	-0.89	36
303	-152	118	Min.	129.88	-1137.51	36	-112.92	36	-180.92	36	-679.27	36	-330.19	36	-0.89	36
304	119	-129	Max	12.47	-1613.29	36	114.03	36	-188.38	36	774.88	36	-389.17	36	-0.16	36
304	119	-129	Max													

304	-129	-130	Max	0.00	-1562.97	36	57.82	36	-50.91	36	36.46	36	502.87	36	-1.15	36
304	-129	-130	Max	23.39					-37.38	36			507.14	36		
304	-129	-130	Max	142.35	-1547.43	36	57.82	36	31.40	36	-185.41	36	396.86	36	-1.15	36
304	-129	-130	Min.	0.00	-1562.97	36	57.82	36	-50.91	36	36.46	36	502.87	36	-1.15	36
304	-129	-130	Min.	23.39					-37.38	36			507.14	36		
304	-129	-130	Min.	142.35	-1547.43	36	57.82	36	31.40	36	-185.41	36	396.86	36	-1.15	36
304	-130	320	Max	0.00	-1511.94	36	78.51	36	16.09	36	-711.82	36	396.85	36	-2.22	36
304	-130	320	Max	129.88	-1497.76	36	78.51	36	118.05	36	-914.26	36	-659.12	36	-2.22	36
304	-130	320	Min.	0.00	-1511.94	36	78.51	36	16.09	36	-711.82	36	396.85	36	-2.22	36
304	-130	320	Min.	129.88	-1497.76	36	78.51	36	118.05	36	-914.26	36	-659.12	36	-2.22	36
304	320	-137	Max	12.47	-1568.52	36	75.24	36	-103.93	36	551.71	36	-503.13	36	0.58	36
304	320	-137	Max	175.93	-1550.68	36	75.24	36	19.05	36	296.93	36	190.46	36	0.58	36
304	320	-137	Min.	12.47	-1568.52	36	75.24	36	-103.93	36	551.71	36	-503.13	36	0.58	36
304	320	-137	Min.	175.93	-1550.68	36	75.24	36	19.05	36	296.93	36	190.46	36	0.58	36
304	-137	421	Max	0.00	-1507.69	36	57.58	36	5.21	36	-336.73	36	190.47	36	-0.39	36
304	-137	421	Max	162.46	-1489.96	36	57.58	36	98.76	36	-589.95	36	-562.27	36	-0.39	36
304	-137	421	Min.	0.00	-1507.69	36	57.58	36	5.21	36	-336.73	36	190.47	36	-0.39	36
304	-137	421	Min.	162.46	-1489.96	36	57.58	36	98.76	36	-589.95	36	-562.27	36	-0.39	36
304	421	-11	Max	12.47	-1717.92	36	115.69	36	-76.72	36	998.37	36	-789.86	36	-40.75	36
304	421	-11	Max	221.04	-1695.15	36	115.69	36	164.56	36	673.27	36	953.42	36	-40.75	36
304	421	-11	Min.	12.47	-1717.92	36	115.69	36	-76.72	36	998.37	36	-789.86	36	-40.75	36
304	421	-11	Min.	221.04	-1695.15	36	115.69	36	164.56	36	673.27	36	953.42	36	-40.75	36
304	-11	422	Max	0.00	-1689.91	36	-165.68	36	204.94	36	-673.08	36	953.18	36	39.56	36
304	-11	422	Max	208.57	-1712.68	36	-165.68	36	-140.61	36	-998.18	36	-789.69	36	39.56	36
304	-11	422	Min.	0.00	-1689.91	36	-165.68	36	204.94	36	-673.08	36	953.18	36	39.56	36
304	-11	422	Min.	208.57	-1712.68	36	-165.68	36	-140.61	36	-998.18	36	-789.69	36	39.56	36
304	422	-140	Max	12.47	-1481.81	36	-32.27	36	55.78	36	590.06	36	-562.09	36	1.12	36
304	422	-140	Max	174.93	-1499.55	36	-32.27	36	3.35	36	336.84	36	190.82	36	1.12	36
304	422	-140	Min.	12.47	-1481.81	36	-32.27	36	55.78	36	590.06	36	-562.09	36	1.12	36
304	422	-140	Min.	174.93	-1499.55	36	-32.27	36	3.35	36	336.84	36	190.82	36	1.12	36
304	-140	323	Max	0.00	-1542.83	36	-53.35	36	14.47	36	-296.80	36	190.82	36	0.34	36
304	-140	323	Max	163.46	-1560.67	36	-53.35	36	-72.74	36	-551.58	36	-502.57	36	0.34	36
304	-140	323	Min.	0.00	-1542.83	36	-53.35	36	14.47	36	-296.80	36	190.82	36	0.34	36
304	-140	323	Min.	163.46	-1560.67	36	-53.35	36	-72.74	36	-551.58	36	-502.57	36	0.34	36
304	323	-145	Max	12.47	-1492.35	36	-87.74	36	129.45	36	907.38	36	-657.52	36	2.50	36
304	323	-145	Max	145.35	-1506.86	36	-87.74	36	12.85	36	700.25	36	410.63	36	2.50	36
304	323	-145	Min.	12.47	-1492.35	36	-87.74	36	129.45	36	907.38	36	-657.52	36	2.50	36
304	323	-145	Min.	145.35	-1506.86	36	-87.74	36	12.85	36	700.25	36	410.63	36	2.50	36
304	-145	-146	Max	0.00	-1542.60	36	-62.61	36	28.26	36	168.96	36	410.64	36	1.42	36
304	-145	-146	Max	108.40					-39.61	36			502.22	36		
304	-145	-146	Max	142.35	-1558.14	36	-62.61	36	-60.87	36	-52.91	36	493.24	36	1.42	36
304	-145	-146	Min.	0.00	-1542.60	36	-62.61	36	28.26	36	168.96	36	410.64	36	1.42	36
304	-145	-146	Min.	108.40					-39.61	36			502.22	36		
304	-145	-146	Min.	142.35	-1558.14	36	-62.61	36	-60.87	36	-52.91	36	493.24	36	1.42	36
304	-146	124	Max	0.00	-1593.74	36	-94.15	36	-47.62	36	-579.32	36	493.27	36	0.49	36
304	-146	124	Max	129.88	-1607.91	36	-94.15	36	-169.89	36	-781.75	36	-390.59	36	0.49	36
304	-146	124	Min.	0.00	-1593.74	36	-94.15	36	-47.62	36	-579.32	36	493.27	36	0.49	36
304	-146	124	Min.	129.88	-1607.91	36	-94.15	36	-169.89	36	-781.75	36	-390.59	36	0.49	36
305	125	-127	Max	12.47	-1942.53	36	95.67	36	-170.96	36	873.60	36	-457.26	36	5.06	36
305	125	-127	Max	145.35	-1928.02	36	95.67	36	-43.82	36	666.48	36	566.01	36	5.06	36
305	125	-127	Min.	12.47	-1942.53	36	95.67	36	-170.96	36	873.60	36	-457.26	36	5.06	36
305	125	-127	Min.	145.35	-1928.02	36	95.67	36	-43.82	36	666.48	36	566.01	36	5.06	36
305	-127	-128	Max	0.00	-1883.85	36	61.48	36	-56.39	36	31.66	36	565.80	36	4.18	36
305	-127	-128	Max	20.31					-43.90	36			569.01	36		
305	-127	-128	Max	142.35	-1868.31	36	61.48	36	31.13	36	-190.21	36	452.95	36	4.18	36
305	-127	-128	Min.	0.00	-1883.85	36	61.48	36	-56.39	36	31.66	36	565.80	36	4.18	36
305	-127	-128	Min.	20.31					-43.90	36			569.01	36		
305	-127	-128	Min.	142.35	-1868.31	36	61.48	36	31.13	36	-190.21	36	452.95	36	4.18	36
305	-128	326	Max	0.00	-1824.55	36	63.50	36	17.15	36	-819.27	36	453.22	36	3.20	36
305	-128	326	Max	129.88	-1810.37	36	63.50	36	99.63	36	-1021.71	36	-742.30	36	3.20	36
305	-128	326	Min.	0.00	-1824.55	36	63.50	36	17.15	36	-819.27	36	453.22	36	3.20	36
305	-128	326	Min.	129.88	-1810.37	36	63.50	36	99.63	36	-1021.71	36	-742.30	36	3.20	36
305	326	-136	Max	12.47	-1855.47	36	60.28	36	-80.44	36	605.61	36	-562.30	36	1.95	36
305	326	-136	Max	175.93	-1837.63	36	60.28	36	18.10	36	350.82	36	219.39	36	1.95	36
305	326	-136	Min.	12.47	-1855.47	36	60.28	36	-80.44	36	605.61	36	-562.30	36	1.95	36
305	326	-136	Min.	175.93	-1837.63	36	60.28	36	18.10	36	350.82	36	219.39	36	1.95	36
305	-136	427	Max	0.00	-1785.30	36	43.33	36	6.72	36	-404.81	36	219.32	36	1.15	36
305	-136	427	Max	162.46	-1767.56	36	43.33	36	77.11	36	-658.03	36	-644.02	36	1.15	36
305	-136	427	Min.	0.00	-1785.30	36	43.33	36	6.72	36	-404.81	36	219.32	36	1.15	36
305	-136	427	Min.	162.46	-1767.56	36	43.33	36	77.11	36	-658.03	36	-644.02	36	1.15	36
305	427	-12	Max	12.47	-2008.17	36	83.70	36	-43.07	36	1155.78	36	-929.20	36	-32.25	36
305	427	-12	Max	221.04	-1985.40	36	83.70	36	131.51	36	830.69	36	1142.40	36	-32.25	36
305	427	-12	Min.	12.47	-2008.17	36	83.70	36	-43.07	36	1155.78	36	-929.20	36	-32.25	36
305	427	-12	Min.	221.04	-1985.40	36	83.70	36	131.51	36	830.69	36	1142.40	36	-32.25	36
305	-12	428	Max	0.00	-1985.97	36	-128.20	36	166.64	36	-830.77	36	1142.45	36	30.99	36
305	-12	428	Max	208.57	-2008.73	36	-128.20	36	-100.74	36	-1155.87	36	-929.32	36	30.99	36
305	-12	428	Min.	0.00	-1985.97	36	-128.20	36	166.64	36	-830.77	36	1142.45	36	30.99	36
305	-12	428	Min.	208.57	-2008.73	36	-128.20	36	-100.74	36	-1155.87	36	-929.32	36	30.99	36
305	428	-139	Max	12.47	-1768.57	36	-21.97	36	38.42	36	658.64	36	-644.62	36	-0.43	36
305	428	-139	Max	174.93	-1786.30	36	-21.97	36	2.73	36	405.42	36	219.71	36	-0.43	36
305	428	-139	Min.	12.47	-1768.57	36	-21.97	36	38.42	36	658.64	36	-644.62	36	-0.43	36
305	428	-139	Min.	174.93	-1786.30	36	-21.97	36	2.73	36	405.42	36	219.71	36	-0.43	36
305	-139	329	Max	0.00	-1838.67	36	-39.18	36	11.73	36	-350.21	36	219.78	36	-1.06	36
305	-139	329	Max	163.46	-1856.51	36	-39.18	36	-52.31</							

305	-143	-144	Max	0.00	-1869.76	36	-63.36	36	29.02	36	171.89	36	468.33	36	-4.07	36
305	-143	-144	Max	110.28					-40.86	36			563.11	36		
305	-143	-144	Max	142.35	-1885.29	36	-63.36	36	-61.18	36	-49.98	36	555.10	36	-4.07	36
305	-143	-144	Min.	0.00	-1869.76	36	-63.36	36	29.02	36	171.89	36	468.33	36	-4.07	36
305	-143	-144	Min.	110.28					-40.86	36			563.11	36		
305	-143	-144	Min.	142.35	-1885.29	36	-63.36	36	-61.18	36	-49.98	36	555.10	36	-4.07	36
305	-144	130	Max	0.00	-1929.09	36	-85.40	36	-49.24	36	-679.04	36	555.32	36	-4.90	36
305	-144	130	Max	129.88	-1943.27	36	-85.40	36	-160.16	36	-881.48	36	-458.07	36	-4.90	36
305	-144	130	Min.	0.00	-1929.09	36	-85.40	36	-49.24	36	-679.04	36	555.32	36	-4.90	36
305	-144	130	Min.	129.88	-1943.27	36	-85.40	36	-160.16	36	-881.48	36	-458.07	36	-4.90	36
306	231	-125	Max	12.47	-815.56	36	48.74	36	-118.45	36	595.20	36	-315.48	36	41.19	36
306	231	-125	Max	145.35	-801.06	36	48.74	36	-53.68	36	388.07	36	337.83	36	41.19	36
306	231	-125	Min.	12.47	-815.56	36	48.74	36	-118.45	36	595.20	36	-315.48	36	41.19	36
306	231	-125	Min.	145.35	-801.06	36	48.74	36	-53.68	36	388.07	36	337.83	36	41.19	36
306	-125	-126	Max	0.00	-780.78	36	60.54	36	-59.19	36	70.54	36	337.99	36	40.81	36
306	-125	-126	Max	45.25					-31.79	36			353.95	36		
306	-125	-126	Max	142.35	-765.24	36	60.54	36	26.99	36	-151.34	36	280.48	36	40.81	36
306	-125	-126	Min.	0.00	-780.78	36	60.54	36	-59.19	36	70.54	36	337.99	36	40.81	36
306	-125	-126	Min.	45.25					-31.79	36			353.95	36		
306	-125	-126	Min.	142.35	-765.24	36	60.54	36	26.99	36	-151.34	36	280.48	36	40.81	36
306	-126	332	Max	0.00	-745.40	36	28.48	36	20.81	36	-466.01	36	280.26	36	40.38	36
306	-126	332	Max	129.88	-731.22	36	28.48	36	57.81	36	-668.45	36	-456.45	36	40.38	36
306	-126	332	Min.	0.00	-745.40	36	28.48	36	20.81	36	-466.01	36	280.26	36	40.38	36
306	-126	332	Min.	129.88	-731.22	36	28.48	36	57.81	36	-668.45	36	-456.45	36	40.38	36
306	332	-135	Max	12.47	-763.42	36	20.76	36	-30.42	36	415.10	36	-326.74	36	43.19	36
306	332	-135	Max	175.93	-745.58	36	20.76	36	3.51	36	160.32	36	143.55	36	43.19	36
306	332	-135	Min.	12.47	-763.42	36	20.76	36	-30.42	36	415.10	36	-326.74	36	43.19	36
306	332	-135	Min.	175.93	-745.58	36	20.76	36	3.51	36	160.32	36	143.55	36	43.19	36
306	-135	433	Max	0.00	-720.70	36	46.22	36	-0.79	36	-217.59	36	143.62	36	42.89	36
306	-135	433	Max	162.46	-702.97	36	46.22	36	74.31	36	-470.81	36	-415.56	36	42.89	36
306	-135	433	Min.	0.00	-720.70	36	46.22	36	-0.79	36	-217.59	36	143.62	36	42.89	36
306	-135	433	Min.	162.46	-702.97	36	46.22	36	74.31	36	-470.81	36	-415.56	36	42.89	36
306	433	-13	Max	12.47	-825.66	36	-29.90	36	34.48	36	647.74	36	-492.06	36	133.17	36
306	433	-13	Max	221.04	-802.89	36	-29.90	36	-27.87	36	322.64	36	519.90	36	133.17	36
306	433	-13	Min.	12.47	-825.66	36	-29.90	36	34.48	36	647.74	36	-492.06	36	133.17	36
306	433	-13	Min.	221.04	-802.89	36	-29.90	36	-27.87	36	322.64	36	519.90	36	133.17	36
306	-13	434	Max	0.00	-796.50	36	-2.42	36	-8.76	36	-322.12	36	519.86	36	-136.76	36
306	-13	434	Max	208.57	-819.26	36	-2.42	36	-13.81	36	-647.21	36	-491.00	36	-136.76	36
306	-13	434	Min.	0.00	-796.50	36	-2.42	36	-8.76	36	-322.12	36	519.86	36	-136.76	36
306	-13	434	Min.	208.57	-819.26	36	-2.42	36	-13.81	36	-647.21	36	-491.00	36	-136.76	36
306	434	-138	Max	12.47	-694.36	36	-26.44	36	37.46	36	471.62	36	-416.67	36	-40.78	36
306	434	-138	Max	174.93	-712.09	36	-26.44	36	-5.50	36	218.39	36	143.82	36	-40.78	36
306	434	-138	Min.	12.47	-694.36	36	-26.44	36	37.46	36	471.62	36	-416.67	36	-40.78	36
306	434	-138	Min.	174.93	-712.09	36	-26.44	36	-5.50	36	218.39	36	143.82	36	-40.78	36
306	-138	335	Max	0.00	-737.35	36	-2.90	36	-2.34	36	-159.49	36	143.75	36	-41.00	36
306	-138	335	Max	163.46	-755.20	36	-2.90	36	-7.07	36	-414.27	36	-325.18	36	-41.00	36
306	-138	335	Min.	0.00	-737.35	36	-2.90	36	-2.34	36	-159.49	36	143.75	36	-41.00	36
306	-138	335	Min.	163.46	-755.20	36	-2.90	36	-7.07	36	-414.27	36	-325.18	36	-41.00	36
306	335	-141	Max	12.47	-728.12	36	-37.24	36	68.91	36	665.14	36	-456.92	36	-40.35	36
306	335	-141	Max	145.35	-742.62	36	-37.24	36	19.42	36	458.01	36	289.33	36	-40.35	36
306	335	-141	Min.	12.47	-728.12	36	-37.24	36	68.91	36	665.14	36	-456.92	36	-40.35	36
306	335	-141	Min.	145.35	-742.62	36	-37.24	36	19.42	36	458.01	36	289.33	36	-40.35	36
306	-141	-142	Max	0.00	-762.70	36	-61.61	36	25.49	36	140.47	36	289.54	36	-40.77	36
306	-141	-142	Max	90.12					-30.03	36			352.83	36		
306	-141	-142	Max	142.35	-778.24	36	-61.61	36	-62.21	36	-81.41	36	331.57	36	-40.77	36
306	-141	-142	Min.	0.00	-762.70	36	-61.61	36	25.49	36	140.47	36	289.54	36	-40.77	36
306	-141	-142	Min.	90.12					-30.03	36			352.83	36		
306	-141	-142	Min.	142.35	-778.24	36	-61.61	36	-62.21	36	-81.41	36	331.57	36	-40.77	36
306	-142	136	Max	0.00	-798.41	36	-40.96	36	-56.98	36	-396.06	36	331.41	36	-41.14	36
306	-142	136	Max	129.88	-812.59	36	-40.96	36	-110.18	36	-598.50	36	-314.45	36	-41.14	36
306	-142	136	Min.	0.00	-798.41	36	-40.96	36	-56.98	36	-396.06	36	331.41	36	-41.14	36
306	-142	136	Min.	129.88	-812.59	36	-40.96	36	-110.18	36	-598.50	36	-314.45	36	-41.14	36
308	-133	-131	Max	0.00	201.45	36	-1.58	36	1.70	36	214.31	36	0.00	36	-0.27	36
308	-133	-131	Max	205.00					-1.55	36			219.67	36		
308	-133	-131	Min.	410.00	201.45	36	-1.58	36	-4.79	36	-214.31	36	0.00	36	-0.27	36
308	-133	-131	Min.	0.00	201.45	36	-1.58	36	1.70	36	214.31	36	0.00	36	-0.27	36
308	-133	-131	Min.	205.00					-1.55	36			219.67	36		
308	-133	-131	Min.	410.00	201.45	36	-1.58	36	-4.79	36	-214.31	36	0.00	36	-0.27	36
308	-131	-129	Max	0.00	78.61	36	-3.63	36	7.44	36	214.31	36	0.00	36	0.09	36
308	-131	-129	Max	205.00					0.01	36			219.67	36		
308	-131	-129	Max	410.00	78.61	36	-3.63	36	-7.43	36	-214.31	36	0.00	36	0.09	36
308	-131	-129	Min.	0.00	78.61	36	-3.63	36	7.44	36	214.31	36	0.00	36	0.09	36
308	-131	-129	Min.	205.00					0.01	36			219.67	36		
308	-131	-129	Min.	410.00	78.61	36	-3.63	36	-7.43	36	-214.31	36	0.00	36	0.09	36
308	-129	-127	Max	0.00	22.40	36	-2.24	36	6.68	36	318.17	36	0.00	36	0.06	36
308	-129	-127	Max	295.00					0.06	36			469.31	36		
308	-129	-127	Max	590.00	22.40	36	-2.24	36	-6.56	36	-318.17	36	0.00	36	0.06	36
308	-129	-127	Min.	0.00	22.40	36	-2.24	36	6.68	36	318.17	36	0.00	36	0.06	36
308	-129	-127	Min.	295.00					0.06	36			469.31	36		
308	-129	-127	Min.	590.00	22.40	36	-2.24	36	-6.56	36	-318.17	36	0.00	36	0.06	36
308	-127	-125	Max	0.00	-11.80	36	-1.96	36	6.04	36	318.17	36	0.00	36	-0.16	36
308	-127	-125	Max	295.00					0.26	36			469.31	36		
308	-127	-125	Max	590.00	-11.80	36	-1.96	36	-5.52	36	-318.17	36	0.00	36	-0.16	36
308	-127	-125	Min.	0.00	-11.80	36	-1.96	36	6.04	36	318.17	36	0.00	36	-0.16	36
308	-127	-125	Min.	295.00					0.26	36			469.31	36		
308	-127	-125	Min.	590.00	-11.80	36	-1.96	36	-5.52	36	-318.17	36	0.00	36	-0.16	36
309	-134	-132	Max	0.00	-49.73	36	-2.12	36	3.24	36</						

309	-134	-132	Min.	205.00					-1.12	36			217.62	36		
309	-134	-132	Min.	410.00	-49.73	36	-2.12	36	-5.47	36	-212.31	36	0.00	36	-0.47	36
309	-132	-130	Max	0.00	9.35	36	-3.86	36	7.85	36	212.31	36	0.00	36	-0.04	36
309	-132	-130	Max	205.00					-0.07	36			217.62	36		
309	-132	-130	Max	410.00	9.35	36	-3.86	36	-7.98	36	-212.31	36	0.00	36	-0.04	36
309	-132	-130	Min.	0.00	9.35	36	-3.86	36	7.85	36	212.31	36	0.00	36	-0.04	36
309	-132	-130	Min.	205.00					-0.07	36			217.62	36		
309	-132	-130	Min.	410.00	9.35	36	-3.86	36	-7.98	36	-212.31	36	0.00	36	-0.04	36
309	-130	-128	Max	0.00	30.03	36	-2.48	36	7.37	36	315.29	36	0.00	36	-0.06	36
309	-130	-128	Max	295.00					0.04	36			465.05	36		
309	-130	-128	Max	590.00	30.03	36	-2.48	36	-7.29	36	-315.29	36	0.00	36	-0.06	36
309	-130	-128	Min.	0.00	30.03	36	-2.48	36	7.37	36	315.29	36	0.00	36	-0.06	36
309	-130	-128	Min.	295.00					0.04	36			465.05	36		
309	-130	-128	Min.	590.00	30.03	36	-2.48	36	-7.29	36	-315.29	36	0.00	36	-0.06	36
309	-128	-126	Max	0.00	32.06	36	-2.19	36	6.72	36	315.29	36	0.00	36	0.22	36
309	-128	-126	Max	295.00					0.26	36			465.05	36		
309	-128	-126	Max	590.00	32.06	36	-2.19	36	-6.19	36	-315.29	36	0.00	36	0.22	36
309	-128	-126	Min.	0.00	32.06	36	-2.19	36	6.72	36	315.29	36	0.00	36	0.22	36
309	-128	-126	Min.	295.00					0.26	36			465.05	36		
309	-128	-126	Min.	590.00	32.06	36	-2.19	36	-6.19	36	-315.29	36	0.00	36	0.22	36
310	308	314	Max	0.00	148.00	36	-31.15	36	38.04	36	516.13	36	0.00	36	-19.87	36
310	308	314	Max	198.75					-23.87	36			512.91	36		
310	308	314	Max	397.50	148.00	36	-31.15	36	-85.77	36	-516.13	36	0.00	36	-19.87	36
310	308	314	Min.	0.00	148.00	36	-31.15	36	38.04	36	516.13	36	0.00	36	-19.87	36
310	308	314	Min.	198.75					-23.87	36			512.91	36		
310	308	314	Min.	397.50	148.00	36	-31.15	36	-85.77	36	-516.13	36	0.00	36	-19.87	36
310	314	320	Max	12.50	45.77	36	-65.10	36	125.38	36	462.83	36	-252.28	36	-5.54	36
310	314	320	Max	190.72					9.35	36			160.16	36		
310	314	320	Max	397.50	45.77	36	-65.10	36	-125.27	36	-536.97	36	-395.00	36	-5.54	36
310	314	320	Min.	12.50	45.77	36	-65.10	36	125.38	36	462.83	36	-252.28	36	-5.54	36
310	314	320	Min.	190.72					9.35	36			160.16	36		
310	314	320	Min.	397.50	45.77	36	-65.10	36	-125.27	36	-536.97	36	-395.00	36	-5.54	36
310	320	326	Max	12.50	-55.56	36	-31.43	36	87.71	36	725.80	36	-647.27	36	-2.73	36
310	320	326	Max	291.99					-0.13	36			366.99	36		
310	320	326	Max	577.50	-55.56	36	-31.43	36	-89.87	36	-741.45	36	-691.48	36	-2.73	36
310	320	326	Min.	12.50	-55.56	36	-31.43	36	87.71	36	725.80	36	-647.27	36	-2.73	36
310	320	326	Min.	291.99					-0.13	36			366.99	36		
310	320	326	Min.	577.50	-55.56	36	-31.43	36	-89.87	36	-741.45	36	-691.48	36	-2.73	36
310	326	332	Max	12.50	-127.34	36	-27.88	36	81.29	36	829.63	36	-860.55	36	9.96	36
310	326	332	Max	331.97					-7.76	36			464.66	36		
310	326	332	Max	577.50	-127.34	36	-27.88	36	-76.21	36	-637.62	36	-318.12	36	9.96	36
310	326	332	Min.	12.50	-127.34	36	-27.88	36	81.29	36	829.63	36	-860.55	36	9.96	36
310	326	332	Min.	331.97					-7.76	36			464.66	36		
310	326	332	Min.	577.50	-127.34	36	-27.88	36	-76.21	36	-637.62	36	-318.12	36	9.96	36
311	-148	-147	Max	0.00	34.49	36	-2.20	36	3.46	36	256.39	36	0.00	36	-0.04	36
311	-148	-147	Max	205.00					-1.06	36			262.80	36		
311	-148	-147	Max	410.00	34.49	36	-2.20	36	-5.58	36	-256.39	36	0.00	36	-0.04	36
311	-148	-147	Min.	0.00	34.49	36	-2.20	36	3.46	36	256.39	36	0.00	36	-0.04	36
311	-148	-147	Min.	205.00					-1.06	36			262.80	36		
311	-148	-147	Min.	410.00	34.49	36	-2.20	36	-5.58	36	-256.39	36	0.00	36	-0.04	36
311	-147	-137	Max	0.00	9.14	36	-3.57	36	7.30	36	256.39	36	0.00	36	0.00	36
311	-147	-137	Max	205.00					-0.03	36			262.80	36		
311	-147	-137	Max	410.00	9.14	36	-3.57	36	-7.35	36	-256.39	36	0.00	36	0.00	36
311	-147	-137	Min.	0.00	9.14	36	-3.57	36	7.30	36	256.39	36	0.00	36	0.00	36
311	-147	-137	Min.	205.00					-0.03	36			262.80	36		
311	-147	-137	Min.	410.00	9.14	36	-3.57	36	-7.35	36	-256.39	36	0.00	36	0.00	36
311	-137	-136	Max	0.00	-8.51	36	-2.18	36	6.52	36	378.72	36	0.00	36	0.00	36
311	-137	-136	Max	295.00					0.10	36			558.62	36		
311	-137	-136	Max	590.00	-8.51	36	-2.18	36	-6.33	36	-378.72	36	0.00	36	0.00	36
311	-137	-136	Min.	0.00	-8.51	36	-2.18	36	6.52	36	378.72	36	0.00	36	0.00	36
311	-137	-136	Min.	295.00					0.10	36			558.62	36		
311	-137	-136	Min.	590.00	-8.51	36	-2.18	36	-6.33	36	-378.72	36	0.00	36	0.00	36
311	-136	-135	Max	0.00	-25.46	36	-1.59	36	5.08	36	378.72	36	0.00	36	-0.07	36
311	-136	-135	Max	295.00					0.38	36			558.62	36		
311	-136	-135	Max	590.00	-25.46	36	-1.59	36	-4.31	36	-378.72	36	0.00	36	-0.07	36
311	-136	-135	Min.	0.00	-25.46	36	-1.59	36	5.08	36	378.72	36	0.00	36	-0.07	36
311	-136	-135	Min.	295.00					0.38	36			558.62	36		
311	-136	-135	Min.	590.00	-25.46	36	-1.59	36	-4.31	36	-378.72	36	0.00	36	-0.07	36
312	409	415	Max	0.00	142.48	36	-16.38	36	3.59	36	566.32	36	0.00	36	37.43	36
312	409	415	Max	198.75					-28.96	36			562.78	36		
312	409	415	Max	397.50	142.48	36	-16.38	36	-61.51	36	-566.32	36	0.00	36	37.43	36
312	409	415	Min.	0.00	142.48	36	-16.38	36	3.59	36	566.32	36	0.00	36	37.43	36
312	409	415	Min.	198.75					-28.96	36			562.78	36		
312	409	415	Min.	397.50	142.48	36	-16.38	36	-61.51	36	-566.32	36	0.00	36	37.43	36
312	415	421	Max	12.50	89.43	36	-55.81	36	108.48	36	513.75	36	-285.81	36	13.38	36
312	415	421	Max	192.80					7.85	36			177.34	36		
312	415	421	Max	397.50	89.43	36	-55.81	36	-106.39	36	-583.26	36	-419.61	36	13.38	36
312	415	421	Min.	12.50	89.43	36	-55.81	36	108.48	36	513.75	36	-285.81	36	13.38	36
312	415	421	Min.	192.80					7.85	36			177.34	36		
312	415	421	Min.	397.50	89.43	36	-55.81	36	-106.39	36	-583.26	36	-419.61	36	13.38	36
312	421	427	Max	12.50	17.06	36	-25.46	36	71.31	36	799.72	36	-719.94	36	5.68	36
312	421	427	Max	293.17					-0.15	36			402.33	36		
312	421	427	Max	577.50	17.06	36	-25.46	36	-72.55	36	-810.18	36	-749.49	36	5.68	36
312	421	427	Min.	12.50	17.06	36	-25.46	36	71.31	36	799.72	36	-719.94	36	5.68	36
312	421	427	Min.	293.17					-0.15	36			402.33	36		
312	421	427	Min.	577.50	17.06	36	-25.46	36	-72.55	36	-810.18	36	-749.49	36	5.68	36
312	427	433	Max	12.50	-44.75	36	-13.97	36	48.32	36	930.27	36	-974.46	36	-21.47	36
312	427	433	Max	338.98					2.71	36			544.10	36		
312	427	433	Max	577.50	-44.75	36	-13.97	36	-30.61	36	-679.64	36	-266.44	36	-21.47	36
312	427	433	Min.	12.50	-44.75	36	-13.97	36	48.32	36	930.27	36	-974.46	36	-21.47	36

312	427	433	Min.	338.98					2.71	36			544.10	36		
312	427	433	Min.	577.50	-44.75	36	-13.97	36	-30.61	36	-679.64	36	-266.44	36	-21.47	36
313	-9	-10	Max	0.00	772.87	36	20.64	36	-47.36	36	614.85	36	0.00	36	4.39	36
313	-9	-10	Max	205.00					-5.04	36			630.22	36		
313	-9	-10	Max	410.00	772.87	36	20.64	36	37.28	36	-614.85	36	0.00	36	4.39	36
313	-9	-10	Min.	0.00	772.87	36	20.64	36	-47.36	36	614.85	36	0.00	36	4.39	36
313	-9	-10	Min.	205.00					-5.04	36			630.22	36		
313	-9	-10	Min.	410.00	772.87	36	20.64	36	37.28	36	-614.85	36	0.00	36	4.39	36
313	-10	-11	Max	0.00	465.78	36	11.00	36	-21.83	36	499.48	36	-166.08	36	0.22	36
313	-10	-11	Max	166.53					-3.51	36			249.82	36		
313	-10	-11	Max	410.00	465.78	36	11.00	36	23.26	36	-730.22	36	-639.09	36	0.22	36
313	-10	-11	Min.	0.00	465.78	36	11.00	36	-21.83	36	499.48	36	-166.08	36	0.22	36
313	-10	-11	Min.	166.53					-3.51	36			249.82	36		
313	-10	-11	Min.	410.00	465.78	36	11.00	36	23.26	36	-730.22	36	-639.09	36	0.22	36
313	-11	-41	Max	0.00	184.42	36	5.79	36	-17.10	36	849.35	36	-745.02	36	-0.02	36
313	-11	-41	Max	176.67	184.42	36	5.79	36	-6.88	36	319.48	36	287.44	36	-0.02	36
313	-11	-41	Min.	0.00	184.42	36	5.79	36	-17.10	36	849.35	36	-745.02	36	-0.02	36
313	-11	-41	Min.	176.67	184.42	36	5.79	36	-6.88	36	319.48	36	287.44	36	-0.02	36
313	-41	-42	Max	0.00	184.42	36	5.79	36	-6.88	36	319.47	36	287.45	36	-0.02	36
313	-41	-42	Max	106.52					-0.72	36			457.59	36		
313	-41	-42	Max	191.67	184.42	36	5.79	36	4.21	36	-255.39	36	348.85	36	-0.02	36
313	-41	-42	Min.	0.00	184.42	36	5.79	36	-6.88	36	319.47	36	287.45	36	-0.02	36
313	-41	-42	Min.	106.52					-0.72	36			457.59	36		
313	-41	-42	Min.	191.67	184.42	36	5.79	36	4.21	36	-255.39	36	348.85	36	-0.02	36
313	-42	-12	Max	0.00	184.42	36	5.79	36	4.21	36	-255.37	36	348.87	36	-0.02	36
313	-42	-12	Max	221.67	184.42	36	5.79	36	17.03	36	-920.21	36	-954.06	36	-0.02	36
313	-42	-12	Min.	0.00	184.42	36	5.79	36	4.21	36	-255.37	36	348.87	36	-0.02	36
313	-42	-12	Min.	221.67	184.42	36	5.79	36	17.03	36	-920.21	36	-954.06	36	-0.02	36
313	-12	-43	Max	0.00	-27.47	36	6.34	36	-18.11	36	1014.64	36	-1038.01	36	0.04	36
313	-12	-43	Max	161.67	-27.47	36	6.34	36	-7.85	36	529.76	36	210.38	36	0.04	36
313	-12	-43	Min.	0.00	-27.47	36	6.34	36	-18.11	36	1014.64	36	-1038.01	36	0.04	36
313	-12	-43	Min.	161.67	-27.47	36	6.34	36	-7.85	36	529.76	36	210.38	36	0.04	36
313	-43	-44	Max	0.00	-27.47	36	6.34	36	-7.85	36	529.75	36	210.40	36	0.04	36
313	-43	-44	Max	176.63					3.35	36			678.24	36		
313	-43	-44	Max	191.67	-27.47	36	6.34	36	4.31	36	-45.11	36	674.85	36	0.04	36
313	-43	-44	Min.	0.00	-27.47	36	6.34	36	-7.85	36	529.75	36	210.40	36	0.04	36
313	-43	-44	Min.	176.63					3.35	36			678.24	36		
313	-43	-44	Min.	191.67	-27.47	36	6.34	36	4.31	36	-45.11	36	674.85	36	0.04	36
313	-44	-13	Max	0.00	-27.47	36	6.34	36	4.31	36	-45.09	36	674.86	36	0.04	36
313	-44	-13	Max	236.67	-27.47	36	6.34	36	19.32	36	-754.91	36	-271.81	36	0.04	36
313	-44	-13	Min.	0.00	-27.47	36	6.34	36	4.31	36	-45.09	36	674.86	36	0.04	36
313	-44	-13	Min.	236.67	-27.47	36	6.34	36	19.32	36	-754.91	36	-271.81	36	0.04	36
314	410	416	Max	0.00	-180.75	36	28.75	36	-31.01	36	566.32	36	0.00	36	-28.45	36
314	410	416	Max	198.75					26.13	36			562.78	36		
314	410	416	Max	397.50	-180.75	36	28.75	36	83.28	36	-566.32	36	0.00	36	-28.45	36
314	410	416	Min.	0.00	-180.75	36	28.75	36	-31.01	36	566.32	36	0.00	36	-28.45	36
314	410	416	Min.	198.75					26.13	36			562.78	36		
314	410	416	Min.	397.50	-180.75	36	28.75	36	83.28	36	-566.32	36	0.00	36	-28.45	36
314	416	422	Max	12.50	-130.69	36	61.81	36	-119.58	36	508.13	36	-274.05	36	-13.05	36
314	416	422	Max	190.83					-9.35	36			179.02	36		
314	416	422	Max	397.50	-130.69	36	61.81	36	118.39	36	-588.88	36	-429.50	36	-13.05	36
314	416	422	Min.	12.50	-130.69	36	61.81	36	-119.58	36	508.13	36	-274.05	36	-13.05	36
314	416	422	Min.	190.83					-9.35	36			179.02	36		
314	416	422	Min.	397.50	-130.69	36	61.81	36	118.39	36	-588.88	36	-429.50	36	-13.05	36
314	422	428	Max	12.50	-119.47	36	28.70	36	-80.33	36	797.53	36	-713.76	36	-5.71	36
314	422	428	Max	292.39					0.01	36			402.36	36		
314	422	428	Max	577.50	-119.47	36	28.70	36	81.84	36	-812.38	36	-755.72	36	-5.71	36
314	422	428	Min.	12.50	-119.47	36	28.70	36	-80.33	36	797.53	36	-713.76	36	-5.71	36
314	422	428	Min.	292.39					0.01	36			402.36	36		
314	422	428	Min.	577.50	-119.47	36	28.70	36	81.84	36	-812.38	36	-755.72	36	-5.71	36
314	428	434	Max	12.50	-107.64	36	17.50	36	-58.12	36	926.66	36	-965.64	36	21.41	36
314	428	434	Max	337.71					-1.21	36			541.18	36		
314	428	434	Max	577.50	-107.64	36	17.50	36	40.75	36	-683.25	36	-277.99	36	21.41	36
314	428	434	Min.	12.50	-107.64	36	17.50	36	-58.12	36	926.66	36	-965.64	36	21.41	36
314	428	434	Min.	337.71					-1.21	36			541.18	36		
314	428	434	Min.	577.50	-107.64	36	17.50	36	40.75	36	-683.25	36	-277.99	36	21.41	36
315	-150	-149	Max	0.00	49.11	36	1.33	36	-1.61	36	256.39	36	0.00	36	0.00	36
315	-150	-149	Max	205.00					1.12	36			262.80	36		
315	-150	-149	Max	410.00	49.11	36	1.33	36	3.84	36	-256.39	36	0.00	36	0.00	36
315	-150	-149	Min.	0.00	49.11	36	1.33	36	-1.61	36	256.39	36	0.00	36	0.00	36
315	-150	-149	Min.	205.00					1.12	36			262.80	36		
315	-150	-149	Min.	410.00	49.11	36	1.33	36	3.84	36	-256.39	36	0.00	36	0.00	36
315	-149	-140	Max	0.00	14.74	36	2.85	36	-5.80	36	256.39	36	0.00	36	0.00	36
315	-149	-140	Max	205.00					0.04	36			262.80	36		
315	-149	-140	Max	410.00	14.74	36	2.85	36	5.89	36	-256.39	36	0.00	36	0.00	36
315	-149	-140	Min.	0.00	14.74	36	2.85	36	-5.80	36	256.39	36	0.00	36	0.00	36
315	-149	-140	Min.	205.00					0.04	36			262.80	36		
315	-149	-140	Min.	410.00	14.74	36	2.85	36	5.89	36	-256.39	36	0.00	36	0.00	36
315	-140	-139	Max	0.00	-6.34	36	1.76	36	-5.26	36	378.72	36	0.00	36	-0.00	36
315	-140	-139	Max	295.00					-0.08	36			558.62	36		
315	-140	-139	Max	590.00	-6.34	36	1.76	36	5.10	36	-378.72	36	0.00	36	-0.00	36
315	-140	-139	Min.	0.00	-6.34	36	1.76	36	-5.26	36	378.72	36	0.00	36	-0.00	36
315	-140	-139	Min.	295.00					-0.08	36			558.62	36		
315	-140	-139	Min.	590.00	-6.34	36	1.76	36	5.10	36	-378.72	36	0.00	36	-0.00	36
315	-139	-138	Max	0.00	-23.55	36	1.20	36	-3.92	36	378.72	36	0.00	36	0.07	36
315	-139	-138	Max	295.00					-0.37	36			558.62	36		
315	-139	-138	Max	590.00	-23.55	36	1.20	36	3.17	36	-378.72	36	0.00	36	0.07	36
315	-139	-138	Min.	0.00	-23.55	36	1.20	36	-3.92	36	378.72	36	0.00	36	0.07	36
315	-139	-138	Min.	295.00					-0.37	36			558.62	36		
315	-139	-138	Min.	590.00	-23.55	36	1.20	36	3.17	36	-378.72	36	0.00	36	0.07	36

316	311	317	Max	0.00	257.47	36	31.84	36	-45.01	36	518.08	36	0.00	36	18.42	36
316	311	317	Max	198.75					18.28	36			514.84	36		
316	311	317	Max	397.50	257.47	36	31.84	36	81.56	36	-518.08	36	0.00	36	18.42	36
316	311	317	Min.	0.00	257.47	36	31.84	36	-45.01	36	518.08	36	0.00	36	18.42	36
316	311	317	Min.	198.75					18.28	36			514.84	36		
316	311	317	Min.	397.50	257.47	36	31.84	36	81.56	36	-518.08	36	0.00	36	18.42	36
316	317	323	Max	12.50	125.00	36	59.57	36	-114.88	36	461.99	36	-247.72	36	5.32	36
316	317	323	Max	189.73					-9.30	36			161.67	36		
316	317	323	Max	397.50	125.00	36	59.57	36	114.47	36	-541.59	36	-400.95	36	5.32	36
316	317	323	Min.	12.50	125.00	36	59.57	36	-114.88	36	461.99	36	-247.72	36	5.32	36
316	317	323	Min.	189.73					-9.30	36			161.67	36		
316	317	323	Min.	397.50	125.00	36	59.57	36	114.47	36	-541.59	36	-400.95	36	5.32	36
316	323	329	Max	12.50	-5.41	36	28.46	36	-79.56	36	727.48	36	-646.86	36	2.69	36
316	323	329	Max	291.58					-0.14	36			368.28	36		
316	323	329	Max	577.50	-5.41	36	28.46	36	81.22	36	-745.29	36	-697.17	36	2.69	36
316	323	329	Min.	12.50	-5.41	36	28.46	36	-79.56	36	727.48	36	-646.86	36	2.69	36
316	323	329	Min.	291.58					-0.14	36			368.28	36		
316	323	329	Min.	577.50	-5.41	36	28.46	36	81.22	36	-745.29	36	-697.17	36	2.69	36
316	329	335	Max	12.50	-102.86	36	24.22	36	-71.32	36	831.05	36	-859.58	36	-9.95	36
316	329	335	Max	331.32					5.88	36			465.19	36		
316	329	335	Max	577.50	-102.86	36	24.22	36	65.49	36	-641.72	36	-324.71	36	-9.95	36
316	329	335	Min.	12.50	-102.86	36	24.22	36	-71.32	36	831.05	36	-859.58	36	-9.95	36
316	329	335	Min.	331.32					5.88	36			465.19	36		
316	329	335	Min.	577.50	-102.86	36	24.22	36	65.49	36	-641.72	36	-324.71	36	-9.95	36
317	-153	-151	Max	0.00	-62.85	36	1.90	36	-2.57	36	214.31	36	0.00	36	0.38	36
317	-153	-151	Max	205.00					1.33	36			219.67	36		
317	-153	-151	Max	410.00	-62.85	36	1.90	36	5.23	36	-214.31	36	0.00	36	0.38	36
317	-153	-151	Min.	0.00	-62.85	36	1.90	36	-2.57	36	214.31	36	0.00	36	0.38	36
317	-153	-151	Min.	205.00					1.33	36			219.67	36		
317	-153	-151	Min.	410.00	-62.85	36	1.90	36	5.23	36	-214.31	36	0.00	36	0.38	36
317	-151	-145	Max	0.00	-7.58	36	3.94	36	-8.05	36	214.31	36	0.00	36	0.04	36
317	-151	-145	Max	205.00					0.02	36			219.67	36		
317	-151	-145	Max	410.00	-7.58	36	3.94	36	8.09	36	-214.31	36	0.00	36	0.04	36
317	-151	-145	Min.	0.00	-7.58	36	3.94	36	-8.05	36	214.31	36	0.00	36	0.04	36
317	-151	-145	Min.	205.00					0.02	36			219.67	36		
317	-151	-145	Min.	410.00	-7.58	36	3.94	36	8.09	36	-214.31	36	0.00	36	0.04	36
317	-145	-143	Max	0.00	17.55	36	2.47	36	-7.35	36	318.17	36	0.00	36	0.06	36
317	-145	-143	Max	295.00					-0.05	36			469.31	36		
317	-145	-143	Max	590.00	17.55	36	2.47	36	7.24	36	-318.17	36	0.00	36	0.06	36
317	-145	-143	Min.	0.00	17.55	36	2.47	36	-7.35	36	318.17	36	0.00	36	0.06	36
317	-145	-143	Min.	295.00					-0.05	36			469.31	36		
317	-145	-143	Min.	590.00	17.55	36	2.47	36	7.24	36	-318.17	36	0.00	36	0.06	36
317	-143	-141	Max	0.00	24.37	36	2.15	36	-6.62	36	318.17	36	0.00	36	-0.21	36
317	-143	-141	Max	295.00					-0.27	36			469.31	36		
317	-143	-141	Max	590.00	24.37	36	2.15	36	6.09	36	-318.17	36	0.00	36	-0.21	36
317	-143	-141	Min.	0.00	24.37	36	2.15	36	-6.62	36	318.17	36	0.00	36	-0.21	36
317	-143	-141	Min.	295.00					-0.27	36			469.31	36		
317	-143	-141	Min.	590.00	24.37	36	2.15	36	6.09	36	-318.17	36	0.00	36	-0.21	36
318	-154	-152	Max	0.00	102.16	36	2.13	36	-3.38	36	212.31	36	0.00	36	0.29	36
318	-154	-152	Max	205.00					0.99	36			217.62	36		
318	-154	-152	Max	410.00	102.16	36	2.13	36	5.36	36	-212.31	36	0.00	36	0.29	36
318	-154	-152	Min.	0.00	102.16	36	2.13	36	-3.38	36	212.31	36	0.00	36	0.29	36
318	-154	-152	Min.	205.00					0.99	36			217.62	36		
318	-154	-152	Min.	410.00	102.16	36	2.13	36	5.36	36	-212.31	36	0.00	36	0.29	36
318	-152	-146	Max	0.00	32.92	36	3.39	36	-6.94	36	212.31	36	0.00	36	-0.09	36
318	-152	-146	Max	205.00					0.01	36			217.62	36		
318	-152	-146	Max	410.00	32.92	36	3.39	36	6.97	36	-212.31	36	0.00	36	-0.09	36
318	-152	-146	Min.	0.00	32.92	36	3.39	36	-6.94	36	212.31	36	0.00	36	-0.09	36
318	-152	-146	Min.	205.00					0.01	36			217.62	36		
318	-152	-146	Min.	410.00	32.92	36	3.39	36	6.97	36	-212.31	36	0.00	36	-0.09	36
318	-146	-144	Max	0.00	1.39	36	2.12	36	-6.32	36	315.29	36	0.00	36	-0.06	36
318	-146	-144	Max	295.00					-0.05	36			465.05	36		
318	-146	-144	Max	590.00	1.39	36	2.12	36	6.22	36	-315.29	36	0.00	36	-0.06	36
318	-146	-144	Min.	0.00	1.39	36	2.12	36	-6.32	36	315.29	36	0.00	36	-0.06	36
318	-146	-144	Min.	295.00					-0.05	36			465.05	36		
318	-146	-144	Min.	590.00	1.39	36	2.12	36	6.22	36	-315.29	36	0.00	36	-0.06	36
318	-144	-142	Max	0.00	-20.65	36	1.86	36	-5.75	36	315.29	36	0.00	36	0.17	36
318	-144	-142	Max	295.00					-0.25	36			465.05	36		
318	-144	-142	Max	590.00	-20.65	36	1.86	36	5.25	36	-315.29	36	0.00	36	0.17	36
318	-144	-142	Min.	0.00	-20.65	36	1.86	36	-5.75	36	315.29	36	0.00	36	0.17	36
318	-144	-142	Min.	295.00					-0.25	36			465.05	36		
318	-144	-142	Min.	590.00	-20.65	36	1.86	36	5.25	36	-315.29	36	0.00	36	0.17	36
501	1	2	Max	12.50	0.00	36	0.00	36	0.00	36	-43.30	36	-297.40	36	487.69	36
501	1	2	Max	59.03									-307.67	36		
501	1	2	Max	416.50	0.00	36	0.00	36	0.00	36	676.86	36	681.99	36	487.69	36
501	1	2	Min.	12.50	0.00	36	0.00	36	0.00	36	-43.30	36	-297.40	36	487.69	36
501	1	2	Min.	59.03									-307.67	36		
501	1	2	Min.	416.50	0.00	36	0.00	36	0.00	36	676.86	36	681.99	36	487.69	36
501	2	3	Max	12.50	0.00	36	0.00	36	0.00	36	-552.90	36	528.99	36	80.96	36
501	2	3	Max	189.81									33.74	36		
501	2	3	Max	337.50	0.00	36	0.00	36	0.00	36	470.61	36	381.54	36	80.96	36
501	2	3	Min.	12.50	0.00	36	0.00	36	0.00	36	-552.90	36	528.99	36	80.96	36
501	2	3	Min.	189.81									33.74	36		
501	2	3	Min.	337.50	0.00	36	0.00	36	0.00	36	470.61	36	381.54	36	80.96	36
501	3	4	Max	12.50	0.00	36	0.00	36	0.00	36	-635.62	36	407.42	36	-51.31	36
501	3	4	Max	234.46									-277.48	36		
501	3	4	Max	428.50	0.00	36	0.00	36	0.00	36	530.28	36	230.20	36	-51.31	36
501	3	4	Min.	12.50	0.00	36	0.00	36	0.00	36	-635.62	36	407.42	36	-51.31	36
501	3	4	Min.	234.46									-277.48	36		
501	3	4	Min.	428.50	0.00	36	0.00	36	0.00	36	530.28	36	230.20	36	-51.31	36

501	4	5	Max	12.50	0.00	36	0.00	36	0.00	36	-372.30	36	233.89	36	-33.33	36
501	4	5	Max	139.07									-2.86	36		
501	4	5	Max	337.50	0.00	36	0.00	36	0.00	36	591.57	36	585.00	36	-33.33	36
501	4	5	Min.	12.50	0.00	36	0.00	36	0.00	36	-372.30	36	233.89	36	-33.33	36
501	4	5	Min.	139.07									-2.86	36		
501	4	5	Min.	337.50	0.00	36	0.00	36	0.00	36	591.57	36	585.00	36	-33.33	36
501	5	6	Max	12.50	0.00	36	0.00	36	0.00	36	-682.98	36	714.94	36	-473.68	36
501	5	6	Max	379.44									-309.53	36		
501	5	6	Max	416.50	0.00	36	0.00	36	0.00	36	34.59	36	-303.02	36	-473.68	36
501	5	6	Min.	12.50	0.00	36	0.00	36	0.00	36	-682.98	36	714.94	36	-473.68	36
501	5	6	Min.	379.44									-309.53	36		
501	5	6	Min.	416.50	0.00	36	0.00	36	0.00	36	34.59	36	-303.02	36	-473.68	36
506	31	32	Max	12.50	0.00	36	0.00	36	0.00	36	397.57	36	-298.54	36	-60.21	36
506	31	32	Max	416.50	0.00	36	0.00	36	0.00	36	-307.37	36	-168.45	36	-60.21	36
506	31	32	Min.	12.50	0.00	36	0.00	36	0.00	36	397.57	36	-298.54	36	-60.21	36
506	31	32	Min.	416.50	0.00	36	0.00	36	0.00	36	-307.37	36	-168.45	36	-60.21	36
506	32	33	Max	12.50	0.00	36	0.00	36	0.00	36	341.70	36	-88.22	36	-1.92	36
506	32	33	Max	337.50	0.00	36	0.00	36	0.00	36	-202.10	36	174.20	36	-1.92	36
506	32	33	Min.	12.50	0.00	36	0.00	36	0.00	36	341.70	36	-88.22	36	-1.92	36
506	32	33	Min.	337.50	0.00	36	0.00	36	0.00	36	-202.10	36	174.20	36	-1.92	36
506	33	-6	Max	12.50	0.00	36	0.00	36	0.00	36	-245.82	36	166.70	36	-2.22	36
506	33	-6	Max	220.50	0.00	36	0.00	36	0.00	36	-790.17	36	-880.83	36	-2.22	36
506	33	-6	Min.	12.50	0.00	36	0.00	36	0.00	36	-245.82	36	166.70	36	-2.22	36
506	33	-6	Min.	220.50	0.00	36	0.00	36	0.00	36	-790.17	36	-880.83	36	-2.22	36
506	-6	34	Max	0.00	0.00	36	0.00	36	0.00	36	791.36	36	-880.91	36	-12.84	36
506	-6	34	Max	208.00	0.00	36	0.00	36	0.00	36	247.29	36	169.30	36	-12.84	36
506	-6	34	Min.	0.00	0.00	36	0.00	36	0.00	36	791.36	36	-880.91	36	-12.84	36
506	-6	34	Min.	208.00	0.00	36	0.00	36	0.00	36	247.29	36	169.30	36	-12.84	36
506	34	35	Max	12.50	0.00	36	0.00	36	0.00	36	201.94	36	174.33	36	5.17	36
506	34	35	Max	337.50	0.00	36	0.00	36	0.00	36	-341.45	36	-87.80	36	5.17	36
506	34	35	Min.	12.50	0.00	36	0.00	36	0.00	36	201.94	36	174.33	36	5.17	36
506	34	35	Min.	337.50	0.00	36	0.00	36	0.00	36	-341.45	36	-87.80	36	5.17	36
506	35	36	Max	12.50	0.00	36	0.00	36	0.00	36	308.16	36	-170.20	36	64.46	36
506	35	36	Max	416.50	0.00	36	0.00	36	0.00	36	-396.53	36	-296.88	36	64.46	36
506	35	36	Min.	12.50	0.00	36	0.00	36	0.00	36	308.16	36	-170.20	36	64.46	36
506	35	36	Min.	416.50	0.00	36	0.00	36	0.00	36	-396.53	36	-296.88	36	64.46	36
507	1	7	Max	20.00	0.00	36	0.00	36	0.00	36	337.73	36	-1170.81	36	-55.72	36
507	1	7	Max	615.00	0.00	36	0.00	36	0.00	36	95.30	36	-4.94	36	-55.72	36
507	1	7	Min.	20.00	0.00	36	0.00	36	0.00	36	337.73	36	-1170.81	36	-55.72	36
507	1	7	Min.	615.00	0.00	36	0.00	36	0.00	36	95.30	36	-4.94	36	-55.72	36
507	7	13	Max	20.00	0.00	36	0.00	36	0.00	36	-684.60	36	1496.95	36	-69.20	36
507	7	13	Max	397.50	0.00	36	0.00	36	0.00	36	-713.02	36	-839.37	36	-69.20	36
507	7	13	Min.	20.00	0.00	36	0.00	36	0.00	36	-684.60	36	1496.95	36	-69.20	36
507	7	13	Min.	397.50	0.00	36	0.00	36	0.00	36	-713.02	36	-839.37	36	-69.20	36
507	13	19	Max	12.50	0.00	36	0.00	36	0.00	36	482.80	36	-702.71	36	-31.95	36
507	13	19	Max	397.50	0.00	36	0.00	36	0.00	36	-194.35	36	-154.71	36	-31.95	36
507	13	19	Min.	12.50	0.00	36	0.00	36	0.00	36	482.80	36	-702.71	36	-31.95	36
507	13	19	Min.	397.50	0.00	36	0.00	36	0.00	36	-194.35	36	-154.71	36	-31.95	36
507	19	25	Max	12.50	0.00	36	0.00	36	0.00	36	346.82	36	-250.43	36	8.18	36
507	19	25	Max	577.50	0.00	36	0.00	36	0.00	36	-321.60	36	-268.61	36	8.18	36
507	19	25	Min.	12.50	0.00	36	0.00	36	0.00	36	346.82	36	-250.43	36	8.18	36
507	19	25	Min.	577.50	0.00	36	0.00	36	0.00	36	-321.60	36	-268.61	36	8.18	36
507	25	31	Max	12.50	0.00	36	0.00	36	0.00	36	333.58	36	-262.46	36	103.05	36
507	25	31	Max	577.50	0.00	36	0.00	36	0.00	36	-432.46	36	-344.06	36	103.05	36
507	25	31	Min.	12.50	0.00	36	0.00	36	0.00	36	333.58	36	-262.46	36	103.05	36
507	25	31	Min.	577.50	0.00	36	0.00	36	0.00	36	-432.46	36	-344.06	36	103.05	36
519	6	12	Max	20.00	0.00	36	0.00	36	0.00	36	332.06	36	-1161.21	36	56.47	36
519	6	12	Max	615.00	0.00	36	0.00	36	0.00	36	93.09	36	-12.05	36	56.47	36
519	6	12	Min.	20.00	0.00	36	0.00	36	0.00	36	332.06	36	-1161.21	36	56.47	36
519	6	12	Min.	615.00	0.00	36	0.00	36	0.00	36	93.09	36	-12.05	36	56.47	36
519	12	18	Max	20.00	0.00	36	0.00	36	0.00	36	-688.03	36	1504.92	36	68.91	36
519	12	18	Max	397.50	0.00	36	0.00	36	0.00	36	-716.43	36	-843.31	36	68.91	36
519	12	18	Min.	20.00	0.00	36	0.00	36	0.00	36	-688.03	36	1504.92	36	68.91	36
519	12	18	Min.	397.50	0.00	36	0.00	36	0.00	36	-716.43	36	-843.31	36	68.91	36
519	18	24	Max	12.50	0.00	36	0.00	36	0.00	36	484.81	36	-706.73	36	31.28	36
519	18	24	Max	397.50	0.00	36	0.00	36	0.00	36	-193.72	36	-154.55	36	31.28	36
519	18	24	Min.	12.50	0.00	36	0.00	36	0.00	36	484.81	36	-706.73	36	31.28	36
519	18	24	Min.	397.50	0.00	36	0.00	36	0.00	36	-193.72	36	-154.55	36	31.28	36
519	24	30	Max	12.50	0.00	36	0.00	36	0.00	36	345.20	36	-246.81	36	-8.82	36
519	24	30	Max	577.50	0.00	36	0.00	36	0.00	36	-322.00	36	-269.90	36	-8.82	36
519	24	30	Min.	12.50	0.00	36	0.00	36	0.00	36	345.20	36	-246.81	36	-8.82	36
519	24	30	Min.	577.50	0.00	36	0.00	36	0.00	36	-322.00	36	-269.90	36	-8.82	36
519	30	36	Max	12.50	0.00	36	0.00	36	0.00	36	332.55	36	-260.39	36	-103.40	36
519	30	36	Max	577.50	0.00	36	0.00	36	0.00	36	-434.02	36	-348.58	36	-103.40	36
519	30	36	Min.	12.50	0.00	36	0.00	36	0.00	36	332.55	36	-260.39	36	-103.40	36
519	30	36	Min.	577.50	0.00	36	0.00	36	0.00	36	-434.02	36	-348.58	36	-103.40	36

Verifiche e armature travi

Simbologia

Δ_{sm}	=Distanza media tra le fessure
Φ_{eq}	=Diametro equivalente delle barre
ε_{sm}	=Deformazione unitaria media dell'armatura (*1000)
σ_c	=Tensione nel calcestruzzo
σ_f inf	=Tensione nel ferro - inferiore
σ_f sup	=Tensione nel ferro - superiore
σ_s	=Tensione nell'acciaio nella sezione fessurata
$A_{c\ eff}$	=Area di calcestruzzo efficace
A_s	=Area complessiva dei ferri nell'area di calcestruzzo efficace
AfE I	=Area di ferro effettiva totale presente nel punto di verifica, inferiore
AfE S	=Area di ferro effettiva totale presente nel punto di verifica, superiore
AfE St.	=Area di ferro effettiva della staffatura (d'anima per travi a T o L)
AfEP I	=Area di ferro effettiva parziale presente nella CC considerata, per la sollecitazione indicata, inferiore
AfEP S	=Area di ferro effettiva parziale presente nella CC considerata, per la sollecitazione indicata, superiore
B	=Base
CC	=Combinazione delle condizioni di carico elementari
c	= momento fittizio in campata
a	= momento fittizio agli appoggi
T	= momento traslato per taglio
e	= eccentricità aggiuntiva in caso di compressione o pressoflessione
TG	= taglio da gerarchia delle resistenze
TGND	= taglio non dissipativo limitante la gerarchia
TG (Li)	= taglio da gerarchia delle resistenze, limite inferiore
TG (Ls)	= taglio da gerarchia delle resistenze, limite superiore
Caso	=Caso di verifica
Cf inf	=Copriferro inferiore
Cf sup	=Copriferro superiore
Cls	=Tipo di calcestruzzo
El	=Elemento (asta) in cui viene effettuato il progetto/verifica (progressivo sul numero di aste)
Fcd	=Resistenza di calcolo a compressione del calcestruzzo
Fck	=Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd	=Resistenza di calcolo a trazione del calcestruzzo
Fctk	=Resistenza caratteristica a trazione del calcestruzzo
Fyd	=Resistenza di calcolo dell'acciaio
Fyk	=Tensione caratteristica di snervamento dell'acciaio
H	=Altezza
In	=Codice identificativo della travata facente parte dell'involuppo
K ₂	=Coefficiente per distribuzione deformazioni
Lung.	=Lunghezza del tratto di progettazione
M'ydy	=Momento resistente massimo in campo sostanzialmente elastico intorno all'asse Y
MRdy	=Momento resistente allo stato limite ultimo intorno all'asse Y
My	=Momento flettente intorno all'asse Y
Sez.	=Numero della sezione
Sic.	=Sicurezza
Staff.	=Staffatura adottata
TCC	=Tipo di combinazione di carico
SLU	=Stato limite ultimo
SLE R	=Stato limite d'esercizio, combinazione rara
SLE F	=Stato limite d'esercizio, combinazione frequente
SLE Q	=Stato limite d'esercizio, combinazione quasi permanente
SLD	=Stato limite di danno
SLV	=Stato limite di salvaguardia della vita
SND	=Stato limite di salvaguardia della vita (non dissipativo)
Tipo	=Tipologia
R	= Rettangolare
Tp	=Tipo di acciaio
VRcd	=Taglio ultimo lato calcestruzzo
VRsd	=Taglio ultimo lato armatura
Vrdu	=Taglio ultimo resistente
Vsdu	=Taglio agente nella direzione del momento ultimo
Wk	=Ampiezza caratteristica delle fessure
X	=Coordinata progressiva rispetto al nodo iniziale
X0	=Coordinata progressiva (dal nodo iniziale) dell'inizio del tratto
X1	=Coordinata progressiva (dal nodo iniziale) della fine del tratto
xg	=Coordinata progressiva (dal primo nodo) in cui viene effettuato il progetto/verifica
bw	=Larghezza membratura resistente al taglio
c	=Ricoprimento dell'armatura
ctg0	=Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
s	=Distanza massima tra le barre

Travata n. 101

Nodi: 101 302 403 -8 404 305 106

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
3R		25.00	25.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.12	21	SLV	1	12.50	4.02	4.02	4.02	4.02	-1759.96	-2974.31	1.690
4.17	3	SLV	1	416.50	4.02	4.02	4.02	4.02	-1395.00	-2974.31	2.132
4.42	23	SLV	2	12.50	4.02	4.02	4.02	4.02	-1549.70	-2974.31	1.919
7.67	3	SLV	2	337.50	4.02	4.02	4.02	4.02	-1567.18	-2974.31	1.898
7.92	21	SLV	3	12.50	4.02	4.02	4.02	4.02	-1381.57	-2974.31	2.153
12.07	3	SLV	4	208.00	4.02	4.02	4.02	4.02	-1417.00	-2974.31	2.099
12.32	21	SLV	5	12.50	4.02	4.02	4.02	4.02	-1586.50	-2974.31	1.875
15.36	3	SLV	5	316.00	4.02	4.02	4.02	4.02	-1536.44	-2974.31	1.936
15.57	3	SLV	5	337.50	4.02	4.02	4.02	4.02	-1536.44	-2974.31	1.936
15.82	23	SLV	6	12.50	4.02	4.02	4.02	4.02	-1389.65	-2974.31	2.140
19.86	1	SLV	6	416.50	4.02	4.02	4.02	4.02	-1760.89	-2974.31	1.689

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _f sup <daN/cm²>	σ _f inf <daN/cm²>	σ _c <daN/cm²>
0.12	42	SLE R	1	12.50	4.02	4.02	-172.88	237.16	-53.06	8.26
0.12	36	SLE Q	1	12.50	4.02	4.02	-260.93	357.96	-80.08	12.47
4.17	38	SLE R	1	416.50	4.02	4.02	-307.50	421.85	-94.37	14.69
4.17	36	SLE Q	1	416.50	4.02	4.02	-98.19	134.70	-30.13	4.69
4.42	38	SLE R	2	12.50	4.02	4.02	233.88	-71.78	320.85	11.17
4.42	36	SLE Q	2	12.50	4.02	4.02	-146.91	201.54	-45.09	7.02
7.67	38	SLE R	2	337.50	4.02	4.02	-490.02	672.24	-150.39	23.41
7.67	36	SLE Q	2	337.50	4.02	4.02	-151.17	207.38	-46.39	7.22
7.92	38	SLE R	3	12.50	4.02	4.02	129.07	-39.61	177.07	6.17
7.92	36	SLE Q	3	12.50	4.02	4.02	-187.65	257.43	-57.59	8.96
12.07	38	SLE R	4	208.00	4.02	4.02	-488.68	670.40	-149.98	23.35
12.07	36	SLE Q	4	208.00	4.02	4.02	-223.33	306.38	-68.54	10.67
12.32	38	SLE R	5	12.50	4.02	4.02	188.43	-57.83	258.50	9.00
12.32	36	SLE Q	5	12.50	4.02	4.02	-170.31	233.64	-52.27	8.14
15.36	38	SLE R	5	316.00	4.02	4.02	-472.83	648.65	-145.11	22.59
15.36	36	SLE Q	5	316.00	4.02	4.02	-133.47	183.09	-40.96	6.38
15.57	38	SLE R	5	337.50	4.02	4.02	-472.83	648.65	-145.11	22.59
15.57	36	SLE Q	5	337.50	4.02	4.02	-133.47	183.09	-40.96	6.38
15.82	38	SLE R	6	12.50	4.02	4.02	215.06	-66.00	295.03	10.27
15.82	36	SLE Q	6	12.50	4.02	4.02	-93.89	128.80	-28.81	4.49
19.86	38	SLE R	6	416.50	4.02	4.02	-515.83	707.64	-158.31	24.64
19.86	36	SLE Q	6	416.50	4.02	4.02	-262.98	360.78	-80.71	12.56

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _c eff <cmq>	σ _s <daN/cm²>	ε _{sm}	Wk <mm>
23	0.12	36	SLE Q	1	3	12.50	-260.93	33.00	168.00	0.50	16.00	125.11	4.02	148.57	357.96	0.10	0.02
28	0.12	43	SLE F	1	3	12.50	-260.93	33.00	168.00	0.50	16.00	125.11	4.02	148.57	357.96	0.10	0.02
51	4.17	36	SLE Q	1	3	416.50	-98.19	33.00	168.00	0.50	16.00	125.11	4.02	148.57	134.70	0.04	0.01
55	4.17	39	SLE F	1	3	416.50	-141.37	33.00	168.00	0.50	16.00	125.11	4.02	148.57	193.94	0.06	0.01
79	4.42	36	SLE Q	2	3	12.50	-146.91	33.00	168.00	0.50	16.00	125.11	4.02	148.57	201.54	0.06	0.01
84	4.42	43	SLE F	2	3	12.50	-146.91	33.00	168.00	0.50	16.00	125.11	4.02	148.57	201.54	0.06	0.01
107	7.67	36	SLE Q	2	3	337.50	-151.17	33.00	168.00	0.50	16.00	125.11	4.02	148.57	207.38	0.06	0.01
111	7.67	39	SLE F	2	3	337.50	-218.95	33.00	168.00	0.50	16.00	125.11	4.02	148.57	300.37	0.09	0.02
139	7.92	36	SLE Q	3	3	12.50	-187.65	33.00	168.00	0.50	16.00	125.11	4.02	148.57	257.43	0.07	0.02
144	7.92	43	SLE F	3	3	12.50	-187.65	33.00	168.00	0.50	16.00	125.11	4.02	148.57	257.43	0.07	0.02
167	12.07	36	SLE Q	4	3	208.00	-223.33	33.00	168.00	0.50	16.00	125.11	4.02	148.57	306.38	0.09	0.02
171	12.07	39	SLE F	4	3	208.00	-276.49	33.00	168.00	0.50	16.00	125.11	4.02	148.57	379.31	0.11	0.02
195	12.32	36	SLE Q	5	3	12.50	-170.31	33.00	168.00	0.50	16.00	125.11	4.02	148.57	233.64	0.07	0.01
200	12.32	43	SLE F	5	3	12.50	-170.31	33.00	168.00	0.50	16.00	125.11	4.02	148.57	233.64	0.07	0.01
223	15.36	36	SLE Q	5	3	316.00	-133.47	33.00	168.00	0.50	16.00	125.11	4.02	148.57	183.09	0.05	0.01
226	15.36	35	SLE F	5	3	316.00	-201.60	33.00	168.00	0.50	16.00	125.11	4.02	148.57	276.57	0.08	0.02
251	15.57	36	SLE Q	5	3	337.50	-133.47	33.00	168.00	0.50	16.00	125.11	4.02	148.57	183.09	0.05	0.01
254	15.57	35	SLE F	5	3	337.50	-201.60	33.00	168.00	0.50	16.00	125.11	4.02	148.57	276.57	0.08	0.02
279	15.82	36	SLE Q	6	3	12.50	-93.89	33.00	168.00	0.50	16.00	125.11	4.02	148.57	128.80	0.04	0.01
286	15.82	43	SLE F	6	3	12.50	-93.89	33.00	168.00	0.50	16.00	125.11	4.02	148.57	128.80	0.04	0.01
309	19.86	36	SLE Q	6	3	416.50	-262.98	33.00	168.00	0.50	16.00	125.11	4.02	148.57	360.78	0.11	0.02
312	19.86	35	SLE F	6	3	416.50	-314.48	33.00	168.00	0.50	16.00	125.11	4.02	148.57	431.42	0.13	0.03

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
21	TGND	0.12	0.38	0.25	ø8/ 4 2 br.	25.13	0.25	1878.40	1.05	19333.90	19333.90	10.293
21	TGND	0.38	3.92	3.54	ø8/16 2 br.	6.28	0.25	1839.34	2.50	11561.70	13346.70	6.286
31	TGND	3.92	4.17	0.25	ø8/ 4 2 br.	25.13	0.25	1797.83	1.05	19333.90	19333.90	10.754
23	TGND	4.42	4.67	0.25	ø8/ 4 2 br.	25.13	0.25	2160.62	1.05	19333.90	19333.90	8.948
31	TGND	4.67	7.42	2.75	ø8/16 2 br.	6.28	0.25	2124.18	2.50	11561.70	13346.70	5.443
31	TGND	7.42	7.67	0.25	ø8/ 4 2 br.	25.13	0.25	2163.24	1.05	19333.90	19333.90	8.937
21	TGND	7.92	8.16	0.25	ø8/ 4 2 br.	25.13	0.25	1579.09	1.05	19333.90	19333.90	12.244
31	TGND	8.16	11.82	3.66	ø8/16 2 br.	6.28	0.25	1557.18	2.50	11561.70	13346.70	7.425
31	TGND	11.82	12.07	0.25	ø8/ 4 2 br.	25.13	0.25	1596.25	1.05	19333.90	19333.90	12.112
21	TGND	12.32	12.57	0.25	ø8/ 4 2 br.	25.13	0.25	2173.60	1.05	19333.90	19333.90	8.895
21	TGND	12.57	15.32	2.75	ø8/16 2 br.	6.28	0.25	2134.54	2.50	11561.70	13346.70	5.417
31	TGND	15.32	15.57	0.25	ø8/ 4 2 br.	25.13	0.25	2150.93	1.05	19333.90	19333.90	8.989
23	TGND	15.82	16.07	0.25	ø8/ 4 2 br.	25.13	0.25	1795.08	1.05	19333.90	19333.90	10.771
31	TGND	16.07	19.61	3.54	ø8/16 2 br.	6.28	0.25	1839.73	2.50	11561.70	13346.70	6.285
31	TGND	19.61	19.86	0.25	ø8/ 4 2 br.	25.13	0.25	1878.79	1.05	19333.90	19333.90	10.291

Travata n. 107

Nodi: 101 -120 -121 -122 -123 -124 107

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cl _s	F _{ck} <daN/cm²>	F _{ctk} <daN/cm²>	F _{cd} <daN/cm²>	F _{ctd} <daN/cm²>	Tp	F _{yk} <daN/cm²>	F _{yd} <daN/cm²>
5R		25.00	35.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.20	41	SLU	1	20.00	5.56	5.09	5.56	5.09	-5192.37	-6167.42	1.188
2.86	41	SLU	3	57.41	4.02	5.09	4.02	5.09	5304.90	5673.31	1.069
6.15	41	SLU	6	68.83	6.03	5.09	6.03	5.09	-6306.38	-6661.40	1.056

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _f sup <daN/cmq>	σ _f inf <daN/cmq>	σ _c <daN/cmq>
0.20	42	SLE R	1	20.00	5.56	5.09	-3461.58	2277.07	-657.44	73.76
0.20	36	SLE Q	1	20.00	5.56	5.09	-3064.53	2015.89	-582.03	65.30
2.86	42	SLE R	3	57.41	4.02	5.09	3536.60	-711.68	2535.79	80.57
2.86	36	SLE Q	3	57.41	4.02	5.09	3108.51	-625.53	2228.84	70.81
6.15	42	SLE R	6	68.83	6.03	5.09	-4204.25	2557.38	-794.28	87.14
6.15	36	SLE Q	6	68.83	6.03	5.09	-3668.62	2231.56	-693.09	76.03

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
24	0.20	36	SLE Q	1	5	20.00	-3064.53	33.33	84.00	0.50	15.39	124.09	5.56	207.47	2015.89	0.74	0.16
27	0.20	35	SLE F	1	5	20.00	-3130.99	33.33	84.00	0.50	15.39	124.09	5.56	207.47	2059.60	0.64	0.13
52	2.86	36	SLE Q	3	5	57.41	3108.51	32.00	166.00	0.50	18.00	137.76	5.09	208.56	2228.84	0.82	0.19
55	2.86	35	SLE F	3	5	57.41	3184.51	32.00	166.00	0.50	18.00	137.76	5.09	208.56	2283.34	0.72	0.17
80	6.15	36	SLE Q	6	5	68.83	-3668.62	33.00	84.00	0.50	16.00	120.27	6.03	204.57	2231.56	0.86	0.18
83	6.15	35	SLE F	6	5	68.83	-3768.37	33.00	84.00	0.50	16.00	120.27	6.03	204.57	2292.24	0.78	0.16

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
41 SLU	0.20	0.55	0.35	ø8/ 4 2 br.	25.13	0.25	6915.07	1.05	28584.60	28584.60	28584.60	4.134
41 SLU	0.55	5.80	5.25	ø8/24 2 br.	4.19	0.25	6453.95	2.50	11395.80	19732.70	11395.80	1.766
41 SLU	5.80	6.15	0.35	ø8/ 4 2 br.	25.13	0.25	7289.52	1.05	28584.60	28584.60	28584.60	3.921

Travate n. 110 112 114 116

110 (a) Nodi: 302 -115 -116 -117 -118 -119 -155

112 (b) Nodi: 403 -95 -96 -97 -98 -99 -15

114 (c) Nodi: 404 -100 -101 -102 -103 -104 -16

116 (d) Nodi: 305 -105 -106 -107 -108 -109 -7

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
5R		25.00	35.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	In	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.20	41	SLU d	1	20.00	10.81	12.19	10.81	12.19	12.19	-10775.70	-11663.00	1.082
3.35	41	SLU b	4	0.00	6.28	12.19	6.28	12.19	12.19	11163.80	13002.20	1.165
6.15	41	SLU b	6	68.83	11.44	12.19	11.44	12.19	12.19	-11170.70	-12319.00	1.103

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	In	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _f sup <daN/cmq>	σ _f inf <daN/cmq>	σ _c <daN/cmq>
0.20	42	SLE R	d	1	20.00	10.81	12.19	-7183.82	2470.48	-981.20	100.62
0.20	36	SLE Q	a	1	20.00	10.81	12.19	-6331.56	2177.39	-864.80	88.68
3.35	42	SLE R	b	4	0.00	6.28	12.19	7442.51	-1250.25	2303.60	119.60
3.35	36	SLE Q	b	4	0.00	6.28	12.19	6616.17	-1111.43	2047.84	106.32
6.15	42	SLE R	b	6	68.83	11.44	12.19	-7447.13	2424.90	-1012.89	102.59
6.15	36	SLE Q	b	6	68.83	11.44	12.19	-6649.04	2165.03	-904.34	91.59

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	In	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
89	0.20	36	SLE Q	a	1	5	20.00	-6331.56	30.33	82.00	0.50	21.50	99.26	10.81	194.01	2177.39	0.92	0.16
101	0.20	35	SLE F	a	1	5	20.00	-6477.31	30.33	82.00	0.50	21.50	99.26	10.81	194.01	2227.52	0.88	0.15
204	3.35	36	SLE Q	b	4	5	0.00	6616.17	29.67	80.00	0.50	22.82	92.84	12.19	178.93	2047.84	0.88	0.14
216	3.35	35	SLE F	b	4	5	0.00	6763.05	29.67	80.00	0.50	22.82	92.84	12.19	178.93	2093.30	0.84	0.13
316	6.15	36	SLE Q	b	6	5	68.83	-6649.04	31.50	54.67	0.50	19.16	95.12	11.44	191.70	2165.03	0.92	0.15
328	6.15	35	SLE F	b	6	5	68.83	-6792.26	31.50	54.67	0.50	19.16	95.12	11.44	191.70	2211.66	0.88	0.14

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	In	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
41 SLU	0.20	0.55	0.35	b	ø8/ 4 2 br.	25.13	0.25	13119.10	1.05	28584.60	28584.60	28584.60	2.179
41 SLU	0.55	5.80	5.25	b	ø8/20 2 br.	5.03	0.25	13130.50	2.50	13674.90	19732.70	13674.90	1.041
41 SLU	5.80	6.15	0.35	b	ø8/ 4 2 br.	25.13	0.25	14574.30	1.05	28584.60	28584.60	28584.60	1.961

Travata n. 119

Nodi: 106 -110 -111 -112 -113 -114 112

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
5R		25.00	35.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
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0.20	41	SLU	1	20.00	5.56	5.09	5.56	5.09	-5306.31	-6167.42	1.162
2.87	41	SLU	3	58.56	4.02	5.09	4.02	5.09	5337.93	5673.31	1.063
6.15	41	SLU	6	68.83	5.56	5.09	5.56	5.09	-6125.66	-6167.42	1.007

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _f sup <daN/cmq>	σ _f inf <daN/cmq>	σ _c <daN/cmq>
0.20	42	SLE R	1	20.00	5.56	5.09	-3537.54	2327.03	-671.87	75.38
0.20	36	SLE Q	1	20.00	5.56	5.09	-3083.64	2028.45	-585.66	65.71
2.87	42	SLE R	3	58.56	4.02	5.09	3558.62	-716.11	2551.58	81.07
2.87	36	SLE Q	3	58.56	4.02	5.09	3127.15	-629.28	2242.21	71.24
6.15	42	SLE R	6	68.83	5.56	5.09	-4083.77	2686.36	-775.62	87.02
6.15	36	SLE Q	6	68.83	5.56	5.09	-3613.93	2377.29	-686.38	77.00

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	W _k <mm>
24	0.20	36	SLE Q	1	5	20.00	-3083.64	33.33	84.00	0.50	15.39	124.09	5.56	207.47	2028.45	0.74	0.16
27	0.20	35	SLE F	1	5	20.00	-3168.78	33.33	84.00	0.50	15.39	124.09	5.56	207.47	2084.46	0.65	0.14
52	2.87	36	SLE Q	3	5	58.56	3127.15	32.00	166.00	0.50	18.00	137.76	5.09	208.56	2242.21	0.83	0.19
55	2.87	35	SLE F	3	5	58.56	3203.89	32.00	166.00	0.50	18.00	137.76	5.09	208.56	2297.24	0.72	0.17
80	6.15	36	SLE Q	6	5	68.83	-3613.93	33.33	84.00	0.50	15.39	124.09	5.56	207.47	2377.29	0.91	0.19
83	6.15	35	SLE F	6	5	68.83	-3692.74	33.33	84.00	0.50	15.39	124.09	5.56	207.47	2429.13	0.82	0.17

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
41	SLU	0.20	0.55	0.35	ø8/ 4 2 br.	25.13	0.25	6964.59	1.05	28584.60	28584.60	4.104
41	SLU	0.55	5.80	5.25	ø8/24 2 br.	4.19	0.25	6404.43	2.50	11395.80	19732.70	1.779
41	SLU	5.80	6.15	0.35	ø8/ 4 2 br.	25.13	0.25	7240.00	1.05	28584.60	28584.60	3.948

Travate n. 207 310 312

207 (a) Nodi: 107 113 119 125 231

310 (b) Nodi: 308 314 320 326 332

312 (c) Nodi: 409 415 421 427 433

Caratteristiche delle sezioni e dei materiali utilizzati

Sez. Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
3R	25.00	25.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	In	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.17	13	SLV	a	1	17.50	4.02	4.02	4.02	4.02	-1596.44	-2974.31	1.863
2.08	41	SLU	c	1	207.50	4.02	4.02	4.02	4.02	1378.01	2974.31	2.158
3.98	27	SLV	a	1	397.50	4.02	4.02	4.02	4.02	-820.39	-2974.31	3.626
4.22	13	SLV	b	2	12.50	4.02	4.02	4.02	4.02	-774.55	-2974.31	3.840
8.07	41	SLU	c	2	397.50	8.04	8.04	8.04	8.04	-1117.71	-5620.58	5.029
8.32	41	SLU	c	3	12.50	8.04	8.04	8.04	8.04	-1694.43	-5620.58	3.317
11.32	41	SLU	c	3	311.54	4.02	4.02	4.02	4.02	1079.14	2974.31	2.756
13.97	41	SLU	c	3	577.50	8.04	8.04	8.04	8.04	-1883.63	-5620.58	2.984
14.22	41	SLU	c	4	12.50	8.04	8.04	8.04	8.04	-2276.43	-5620.58	2.469
17.21	41	SLU	c	4	311.08	4.02	4.02	4.02	4.02	1430.07	2974.31	2.080
19.88	27	SLV	a	4	577.50	4.02	4.02	4.02	4.02	-1056.75	-2974.31	2.815

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	In	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _f sup <daN/cmq>	σ _f inf <daN/cmq>	σ _c <daN/cmq>
0.17	42	SLE R	a	1	17.50	4.02	4.02	-935.77	1283.75	-287.19	44.70
0.17	36	SLE Q	a	1	17.50	4.02	4.02	-774.25	1062.17	-237.62	36.99
2.08	42	SLE R	c	1	207.50	4.02	4.02	918.67	-281.94	1260.29	43.89
2.08	36	SLE Q	c	1	207.50	4.02	4.02	565.75	-173.63	776.13	27.03
3.98	42	SLE R	c	1	397.50	4.02	4.02	213.30	-65.46	292.62	10.19
3.98	36	SLE Q	c	1	397.50	4.02	4.02	131.36	-40.31	180.21	6.28
4.22	42	SLE R	c	2	12.50	4.02	4.02	-385.00	528.17	-118.16	18.39
4.22	36	SLE Q	c	2	12.50	4.02	4.02	-279.33	383.20	-85.73	13.34
8.07	42	SLE R	c	2	397.50	8.04	8.04	-745.14	527.34	-195.04	24.76
8.07	36	SLE Q	c	2	397.50	8.04	8.04	-423.89	299.99	-110.96	14.08
8.32	42	SLE R	c	3	12.50	8.04	8.04	-1129.62	799.43	-295.69	37.53
8.32	36	SLE Q	c	3	12.50	8.04	8.04	-716.82	507.29	-187.63	23.82
11.32	42	SLE R	c	3	311.54	4.02	4.02	719.42	-220.79	986.95	34.37
11.32	36	SLE Q	c	3	311.54	4.02	4.02	442.44	-135.78	606.96	21.14
13.97	42	SLE R	c	3	577.50	8.04	8.04	-1255.75	888.70	-328.70	41.72
13.97	36	SLE Q	c	3	577.50	8.04	8.04	-752.75	532.72	-197.04	25.01
14.22	42	SLE R	c	4	12.50	8.04	8.04	-1517.62	1074.02	-397.25	50.42
14.22	36	SLE Q	c	4	12.50	8.04	8.04	-970.39	686.75	-254.01	32.24
17.21	42	SLE R	c	4	311.08	4.02	4.02	953.38	-292.59	1307.90	45.55
17.21	36	SLE Q	c	4	311.08	4.02	4.02	597.05	-183.24	819.08	28.52
19.88	42	SLE R	b	4	577.50	4.02	4.02	-557.08	764.24	-170.97	26.61
19.88	36	SLE Q	a	4	577.50	4.02	4.02	-378.11	518.72	-116.04	18.06

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	In	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm²>	ε _{sm}	Wk <mm>
111	0.17	36	SLE Q	a	1	3	17.50	-774.25	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1062.17	0.31	0.07
126	0.17	35	SLE F	a	1	3	17.50	-799.96	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1097.44	0.32	0.07
218	2.08	36	SLE Q	c	1	3	207.50	565.75	33.00	168.00	0.50	16.00	125.11	4.02	148.57	776.13	0.23	0.05
227	2.08	35	SLE F	c	1	3	207.50	628.49	33.00	168.00	0.50	16.00	125.11	4.02	148.57	862.20	0.25	0.05
327	3.98	36	SLE Q	c	1	3	397.50	131.36	33.00	168.00	0.50	16.00	125.11	4.02	148.57	180.21	0.05	0.01
339	3.98	35	SLE F	c	1	3	397.50	145.93	33.00	168.00	0.50	16.00	125.11	4.02	148.57	200.19	0.06	0.01
416	4.22	36	SLE Q	c	2	3	12.50	-279.33	33.00	168.00	0.50	16.00	125.11	4.02	148.57	383.20	0.11	0.02
425	4.22	35	SLE F	c	2	3	12.50	-297.74	33.00	168.00	0.50	16.00	125.11	4.02	148.57	408.46	0.12	0.03
504	8.07	36	SLE Q	c	2	3	397.50	-423.89	33.00	56.00	0.50	16.00	93.13	8.04	136.37	299.99	0.09	0.01
513	8.07	35	SLE F	c	2	3	397.50	-481.33	33.00	56.00	0.50	16.00	93.13	8.04	136.37	340.63	0.10	0.02
590	8.32	36	SLE Q	c	3	3	12.50	-716.82	33.00	56.00	0.50	16.00	93.13	8.04	136.37	507.29	0.15	0.02
599	8.32	35	SLE F	c	3	3	12.50	-789.99	33.00	56.00	0.50	16.00	93.13	8.04	136.37	559.08	0.16	0.03
674	11.32	36	SLE Q	c	3	3	311.54	442.44	33.00	168.00	0.50	16.00	125.11	4.02	148.57	606.96	0.18	0.04
683	11.32	35	SLE F	c	3	3	311.54	491.59	33.00	168.00	0.50	16.00	125.11	4.02	148.57	674.39	0.20	0.04
760	13.97	36	SLE Q	c	3	3	577.50	-752.75	33.00	56.00	0.50	16.00	93.13	8.04	136.37	532.72	0.16	0.02
769	13.97	35	SLE F	c	3	3	577.50	-842.39	33.00	56.00	0.50	16.00	93.13	8.04	136.37	596.16	0.17	0.03
846	14.22	36	SLE Q	c	4	3	12.50	-970.39	33.00	56.00	0.50	16.00	93.13	8.04	136.37	686.75	0.21	0.03
855	14.22	35	SLE F	c	4	3	12.50	-1067.36	33.00	56.00	0.50	16.00	93.13	8.04	136.37	755.37	0.22	0.03
930	17.21	36	SLE Q	c	4	3	311.08	597.05	33.00	168.00	0.50	16.00	125.11	4.02	148.57	819.08	0.24	0.05
939	17.21	35	SLE F	c	4	3	311.08	660.28	33.00	168.00	0.50	16.00	125.11	4.02	148.57	905.81	0.26	0.06
1010	19.88	36	SLE Q	a	4	3	577.50	-378.11	33.00	168.00	0.50	16.00	125.11	4.02	148.57	518.72	0.15	0.03
1019	19.88	35	SLE F	a	4	3	577.50	-404.73	33.00	168.00	0.50	16.00	125.11	4.02	148.57	555.23	0.16	0.03

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	In	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	VRdu <daN>	Sic.
13 TGND	0.17	0.42	0.25	a	ø8/ 4 2 br.	25.13	0.25	1450.64	1.05	19333.90	19333.90	19333.90	13.328
13 TGND	0.42	3.73	3.30	a	ø8/16 2 br.	6.28	0.25	1399.76	2.50	11561.70	13346.70	11561.70	8.260
41 SLU	3.73	3.98	0.25	c	ø8/ 4 2 br.	25.13	0.25	1318.66	1.05	19333.90	19333.90	19333.90	14.662
41 SLU	4.22	4.47	0.25	c	ø8/ 4 2 br.	25.13	0.25	1195.70	1.05	19333.90	19333.90	19333.90	16.169
41 SLU	4.47	7.83	3.35	c	ø8/16 2 br.	6.28	0.25	1302.82	2.50	11561.70	13346.70	11561.70	8.874
41 SLU	7.83	8.07	0.25	c	ø8/ 4 2 br.	25.13	0.25	1476.33	1.05	19333.90	19333.90	19333.90	13.096
41 SLU	8.32	8.57	0.25	c	ø8/ 4 2 br.	25.13	0.25	1927.16	1.05	19333.90	19333.90	19333.90	10.032
41 SLU	8.57	13.72	5.15	c	ø8/16 2 br.	6.28	0.25	1820.62	2.50	11561.70	13346.70	11561.70	6.350
41 SLU	13.72	13.97	0.25	c	ø8/ 4 2 br.	25.13	0.25	1994.13	1.05	19333.90	19333.90	19333.90	9.695
41 SLU	14.22	14.47	0.25	c	ø8/ 4 2 br.	25.13	0.25	2228.10	1.05	19333.90	19333.90	19333.90	8.677
41 SLU	14.47	19.62	5.15	c	ø8/16 2 br.	6.28	0.25	2054.59	2.50	11561.70	13346.70	11561.70	5.627
41 SLU	19.62	19.88	0.25	c	ø8/ 4 2 br.	25.13	0.25	1693.19	1.05	19333.90	19333.90	19333.90	11.419

Travate n. 219 314 316

219 (a) Nodi: 112 118 124 130 136

314 (b) Nodi: 410 416 422 428 434

316 (c) Nodi: 311 317 323 329 335

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
3R		25.00	25.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	In	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.17	31	SLV	a	1	17.50	4.02	4.02	4.02	4.02	-1590.44	-2974.31	1.870
2.08	41	SLU	b	1	207.50	4.02	4.02	4.02	4.02	1378.01	2974.31	2.158
3.98	9	SLV	a	1	397.50	4.02	4.02	4.02	4.02	-818.37	-2974.31	3.634
4.22	31	SLV	c	2	12.50	4.02	4.02	4.02	4.02	-768.60	-2974.31	3.870
8.07	41	SLU	b	2	397.50	8.04	8.04	8.04	8.04	-1134.68	-5620.58	4.953
8.32	41	SLU	b	3	12.50	8.04	8.04	8.04	8.04	-1684.05	-5620.58	3.338
10.91	41	SLU	b	3	271.30	4.02	4.02	4.02	4.02	1079.53	2974.31	2.755
13.97	41	SLU	b	3	577.50	8.04	8.04	8.04	8.04	-1893.96	-5620.58	2.968
14.22	41	SLU	b	4	12.50	8.04	8.04	8.04	8.04	-2261.66	-5620.58	2.485
17.23	41	SLU	b	4	312.74	4.02	4.02	4.02	4.02	1425.18	2974.31	2.087
19.88	9	SLV	a	4	577.50	4.02	4.02	4.02	4.02	-1053.50	-2974.31	2.823

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	In	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _ε sup <daN/cm²>	σ _ε inf <daN/cm²>	σ _c <daN/cm²>
0.17	42	SLE R	a	1	17.50	4.02	4.02	-969.49	1330.01	-297.54	46.32
0.17	36	SLE Q	a	1	17.50	4.02	4.02	-771.05	1057.78	-236.64	36.84
2.08	42	SLE R	b	1	207.50	4.02	4.02	918.67	-281.94	1260.29	43.89
2.08	36	SLE Q	b	1	207.50	4.02	4.02	565.75	-173.63	776.13	27.03
3.98	42	SLE R	b	1	397.50	4.02	4.02	213.30	-65.46	292.62	10.19
3.98	36	SLE Q	b	1	397.50	4.02	4.02	131.36	-40.31	180.21	6.28
4.22	42	SLE R	b	2	12.50	4.02	4.02	-371.17	509.20	-113.91	17.73
4.22	36	SLE Q	b	2	12.50	4.02	4.02	-260.79	357.77	-80.04	12.46
8.07	42	SLE R	b	2	397.50	8.04	8.04	-756.46	535.34	-198.01	25.13
8.07	36	SLE Q	b	2	397.50	8.04	8.04	-439.25	310.86	-114.98	14.59
8.32	42	SLE R	b	3	12.50	8.04	8.04	-1122.70	794.53	-293.87	37.30
8.32	36	SLE Q	b	3	12.50	8.04	8.04	-707.23	500.51	-185.12	23.50
10.91	42	SLE R	b	3	271.30	4.02	4.02	719.69	-220.88	987.32	34.38
10.91	36	SLE Q	b	3	271.30	4.02	4.02	442.48	-135.80	607.02	21.14
13.97	42	SLE R	b	3	577.50	8.04	8.04	-1262.64	893.57	-330.50	41.95
13.97	36	SLE Q	b	3	577.50	8.04	8.04	-762.41	539.56	-199.57	25.33

14.22	42	SLE R	b	4	12.50	8.04	8.04	-1507.77	1067.05	-394.67	50.09
14.22	36	SLE Q	b	4	12.50	8.04	8.04	-956.68	677.04	-250.42	31.78
17.23	42	SLE R	b	4	312.74	4.02	4.02	950.12	-291.60	1303.44	45.39
17.23	36	SLE Q	b	4	312.74	4.02	4.02	592.33	-181.79	812.59	28.30
19.88	42	SLE R	c	4	577.50	4.02	4.02	-553.54	759.38	-169.88	26.44
19.88	36	SLE Q	a	4	577.50	4.02	4.02	-377.30	517.60	-115.79	18.02

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	In	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
111	0.17	36	SLE Q	a	1	3	17.50	-771.05	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1057.78	0.31	0.07
126	0.17	35	SLE F	a	1	3	17.50	-809.30	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1110.25	0.32	0.07
215	2.08	36	SLE Q	b	1	3	207.50	565.75	33.00	168.00	0.50	16.00	125.11	4.02	148.57	776.13	0.23	0.05
224	2.08	35	SLE F	b	1	3	207.50	628.49	33.00	168.00	0.50	16.00	125.11	4.02	148.57	862.20	0.25	0.05
299	3.98	36	SLE Q	b	1	3	397.50	131.36	33.00	168.00	0.50	16.00	125.11	4.02	148.57	180.21	0.05	0.01
308	3.98	35	SLE F	b	1	3	397.50	145.93	33.00	168.00	0.50	16.00	125.11	4.02	148.57	200.19	0.06	0.01
385	4.22	36	SLE Q	b	2	3	12.50	-260.79	33.00	168.00	0.50	16.00	125.11	4.02	148.57	357.77	0.10	0.02
394	4.22	35	SLE F	b	2	3	12.50	-280.78	33.00	168.00	0.50	16.00	125.11	4.02	148.57	385.20	0.11	0.02
473	8.07	36	SLE Q	b	2	3	397.50	-439.25	33.00	56.00	0.50	16.00	93.13	8.04	136.37	310.86	0.09	0.01
482	8.07	35	SLE F	b	2	3	397.50	-495.33	33.00	56.00	0.50	16.00	93.13	8.04	136.37	350.54	0.10	0.02
559	8.32	36	SLE Q	b	3	3	12.50	-707.23	33.00	56.00	0.50	16.00	93.13	8.04	136.37	500.51	0.15	0.02
568	8.32	35	SLE F	b	3	3	12.50	-781.30	33.00	56.00	0.50	16.00	93.13	8.04	136.37	552.93	0.16	0.03
643	10.91	36	SLE Q	b	3	3	271.30	442.48	33.00	168.00	0.50	16.00	125.11	4.02	148.57	607.02	0.18	0.04
652	10.91	35	SLE F	b	3	3	271.30	491.76	33.00	168.00	0.50	16.00	125.11	4.02	148.57	674.63	0.20	0.04
729	13.97	36	SLE Q	b	3	3	577.50	-762.41	33.00	56.00	0.50	16.00	93.13	8.04	136.37	539.56	0.16	0.02
738	13.97	35	SLE F	b	3	3	577.50	-851.12	33.00	56.00	0.50	16.00	93.13	8.04	136.37	602.34	0.18	0.03
815	14.22	36	SLE Q	b	4	3	12.50	-956.68	33.00	56.00	0.50	16.00	93.13	8.04	136.37	677.04	0.20	0.03
824	14.22	35	SLE F	b	4	3	12.50	-1054.93	33.00	56.00	0.50	16.00	93.13	8.04	136.37	746.57	0.22	0.03
899	17.23	36	SLE Q	b	4	3	312.74	592.33	33.00	168.00	0.50	16.00	125.11	4.02	148.57	812.59	0.24	0.05
908	17.23	35	SLE F	b	4	3	312.74	655.99	33.00	168.00	0.50	16.00	125.11	4.02	148.57	899.93	0.26	0.06
980	19.88	36	SLE Q	a	4	3	577.50	-377.30	33.00	168.00	0.50	16.00	125.11	4.02	148.57	517.60	0.15	0.03
989	19.88	35	SLE F	a	4	3	577.50	-388.34	33.00	168.00	0.50	16.00	125.11	4.02	148.57	532.75	0.16	0.03

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	In	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
31 TGND	0.17	0.42	0.25	a	ø8/ 4 2 br.	25.13	0.25	1444.80	1.05	19333.90	19333.90	19333.90	13.382
31 TGND	0.42	3.73	3.30	a	ø8/16 2 br.	6.28	0.25	1394.18	2.50	11561.70	13346.70	11561.70	8.293
41 SLU	3.73	3.98	0.25	b	ø8/ 4 2 br.	25.13	0.25	1318.66	1.05	19333.90	19333.90	19333.90	14.662
41 SLU	4.22	4.47	0.25	b	ø8/ 4 2 br.	25.13	0.25	1185.91	1.05	19333.90	19333.90	19333.90	16.303
41 SLU	4.47	7.83	3.35	b	ø8/16 2 br.	6.28	0.25	1312.62	2.50	11561.70	13346.70	11561.70	8.808
41 SLU	7.83	8.07	0.25	b	ø8/ 4 2 br.	25.13	0.25	1486.13	1.05	19333.90	19333.90	19333.90	13.010
41 SLU	8.32	8.57	0.25	b	ø8/ 4 2 br.	25.13	0.25	1923.49	1.05	19333.90	19333.90	19333.90	10.051
41 SLU	8.57	13.72	5.15	b	ø8/16 2 br.	6.28	0.25	1824.29	2.50	11561.70	13346.70	11561.70	6.338
41 SLU	13.72	13.97	0.25	b	ø8/ 4 2 br.	25.13	0.25	1997.80	1.05	19333.90	19333.90	19333.90	9.678
41 SLU	14.22	14.47	0.25	b	ø8/ 4 2 br.	25.13	0.25	2222.12	1.05	19333.90	19333.90	19333.90	8.701
41 SLU	14.47	19.62	5.15	b	ø8/16 2 br.	6.28	0.25	2048.61	2.50	11561.70	13346.70	11561.70	5.644
41 SLU	19.62	19.88	0.25	b	ø8/ 4 2 br.	25.13	0.25	1699.18	1.05	19333.90	19333.90	19333.90	11.378

Travata n. 302

Nodi: 107 -133 -134 308 -148 409 -9 410 -150 311 -153 -154 112

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cl _s	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
3R		25.00	25.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.12	21	SLV	1	12.53	4.02	4.02	4.02	4.02	-1158.29	-2974.31	2.568
2.07	41	SLU	2	62.16	4.02	4.02	4.02	4.02	642.23	2974.31	4.631
4.17	41	SLU	3	129.82	4.02	4.02	4.02	4.02	-853.53	-2974.31	3.485
4.42	23	SLV	4	12.53	4.02	4.02	4.02	4.02	-555.65	-2974.31	5.353
5.88	41	SLU	4	159.41	4.02	4.02	4.02	4.02	542.29	2974.31	5.485
7.67	41	SLU	5	162.40	8.04	8.04	8.04	8.04	-637.41	-5620.58	8.818
7.92	41	SLU	6	12.53	8.04	8.04	8.04	8.04	-729.78	-5620.58	7.702
9.99	41	SLU	7	0.00	4.02	4.02	4.02	4.02	873.95	2974.31	3.403
12.07	41	SLU	7	208.51	4.02	4.02	4.02	4.02	-1139.47	-2974.31	2.610
12.32	41	SLU	8	12.53	4.02	4.02	4.02	4.02	-619.59	-2974.31	4.800
13.95	41	SLU	8	174.93	4.02	4.02	4.02	4.02	520.14	2974.31	5.718
15.57	41	SLU	9	163.40	8.04	8.04	8.04	8.04	-466.57	-5620.58	12.047
15.82	23	SLV	10	12.53	8.04	8.04	8.04	8.04	-846.84	-5620.58	6.637
17.36	41	SLU	11	20.71	4.02	4.02	4.02	4.02	679.82	2974.31	4.375
19.86	1	SLV	12	129.82	4.02	4.02	4.02	4.02	-1160.29	-2974.31	2.563

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _f sup <daN/cmq>	σ _f inf <daN/cmq>	σ _c <daN/cmq>
0.12	42	SLE R	1	12.53	4.02	4.02	-541.54	742.92	-166.20	25.87
0.12	36	SLE Q	1	12.53	4.02	4.02	-378.49	519.24	-116.16	18.08
2.07	42	SLE R	2	62.16	4.02	4.02	428.15	-131.40	587.37	20.45
2.07	36	SLE Q	2	62.16	4.02	4.02	283.44	-86.99	388.85	13.54
4.17	42	SLE R	3	129.82	4.02	4.02	-569.02	780.62	-174.63	27.18
4.17	36	SLE Q	3	129.82	4.02	4.02	-305.62	419.26	-93.79	14.60
4.42	42	SLE R	4	12.53	4.02	4.02	-271.86	372.96	-83.43	12.99
4.42	36	SLE Q	4	12.53	4.02	4.02	-206.20	282.88	-63.28	9.85

5.88	42	SLE R	4	159.41	4.02	4.02	361.52	-110.95	495.96	17.27
5.88	36	SLE Q	4	159.41	4.02	4.02	205.61	-63.10	282.07	9.82
7.67	42	SLE R	5	162.40	8.04	8.04	-424.94	300.73	-111.23	14.12
7.67	36	SLE Q	5	162.40	8.04	8.04	-249.80	176.79	-65.39	8.30
7.92	42	SLE R	6	12.53	8.04	8.04	-486.52	344.31	-127.35	16.16
7.92	36	SLE Q	6	12.53	8.04	8.04	-343.39	243.02	-89.89	11.41
9.99	42	SLE R	7	0.00	4.02	4.02	582.63	-178.81	799.30	27.83
9.99	36	SLE Q	7	0.00	4.02	4.02	385.01	-118.16	528.18	18.39
12.07	42	SLE R	7	208.51	4.02	4.02	-759.64	1042.13	-233.14	36.29
12.07	36	SLE Q	7	208.51	4.02	4.02	-544.40	746.84	-167.08	26.01
12.32	42	SLE R	8	12.53	4.02	4.02	-413.06	566.66	-126.77	19.73
12.32	36	SLE Q	8	12.53	4.02	4.02	-346.44	475.27	-106.33	16.55
13.95	42	SLE R	8	174.93	4.02	4.02	346.76	-106.42	475.70	16.57
13.95	36	SLE Q	8	174.93	4.02	4.02	208.55	-64.00	286.10	9.96
15.57	42	SLE R	9	163.40	8.04	8.04	-311.05	220.13	-81.42	10.33
15.57	36	SLE Q	9	163.40	8.04	8.04	-103.88	73.51	-27.19	3.45
15.82	42	SLE R	10	12.53	8.04	8.04	-455.00	322.00	-119.10	15.12
15.82	36	SLE Q	10	12.53	8.04	8.04	-299.47	211.94	-78.39	9.95
17.36	42	SLE R	11	20.71	4.02	4.02	453.21	-139.09	621.74	21.65
17.36	36	SLE Q	11	20.71	4.02	4.02	285.35	-87.58	391.47	13.63
19.86	42	SLE R	12	129.82	4.02	4.02	-623.22	854.97	-191.27	29.77
19.86	36	SLE Q	12	129.82	4.02	4.02	-380.88	522.51	-116.89	18.20

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _c eff <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
23	0.12	36	SLE Q	1	3	12.53	-378.49	33.00	168.00	0.50	16.00	125.11	4.02	148.57	519.24	0.15	0.03
26	0.12	35	SLE F	1	3	12.53	-406.65	33.00	168.00	0.50	16.00	125.11	4.02	148.57	557.86	0.16	0.03
51	2.07	36	SLE Q	2	3	62.16	283.44	33.00	168.00	0.50	16.00	125.11	4.02	148.57	388.85	0.11	0.02
54	2.07	35	SLE F	2	3	62.16	305.86	33.00	168.00	0.50	16.00	125.11	4.02	148.57	419.60	0.12	0.03
79	4.17	36	SLE Q	3	3	129.82	-305.62	33.00	168.00	0.50	16.00	125.11	4.02	148.57	419.26	0.12	0.03
82	4.17	35	SLE F	3	3	129.82	-358.36	33.00	168.00	0.50	16.00	125.11	4.02	148.57	491.62	0.14	0.03
107	4.42	36	SLE Q	4	3	12.53	-206.20	33.00	168.00	0.50	16.00	125.11	4.02	148.57	282.88	0.08	0.02
110	4.42	35	SLE F	4	3	12.53	-206.61	33.00	168.00	0.50	16.00	125.11	4.02	148.57	283.44	0.08	0.02
135	5.88	36	SLE Q	4	3	159.41	205.61	33.00	168.00	0.50	16.00	125.11	4.02	148.57	282.07	0.08	0.02
138	5.88	35	SLE F	4	3	159.41	234.79	33.00	168.00	0.50	16.00	125.11	4.02	148.57	322.10	0.09	0.02
163	7.67	36	SLE Q	5	3	162.40	-249.80	33.00	56.00	0.50	16.00	93.13	8.04	136.37	176.79	0.05	0.01
166	7.67	35	SLE F	5	3	162.40	-289.49	33.00	56.00	0.50	16.00	93.13	8.04	136.37	204.87	0.06	0.01
191	7.92	36	SLE Q	6	3	12.53	-343.39	33.00	56.00	0.50	16.00	93.13	8.04	136.37	243.02	0.07	0.01
194	7.92	35	SLE F	6	3	12.53	-363.04	33.00	56.00	0.50	16.00	93.13	8.04	136.37	256.93	0.07	0.01
219	9.99	36	SLE Q	7	3	0.00	385.01	33.00	168.00	0.50	16.00	125.11	4.02	148.57	528.18	0.15	0.03
222	9.99	35	SLE F	7	3	0.00	419.90	33.00	168.00	0.50	16.00	125.11	4.02	148.57	576.04	0.17	0.04
247	12.07	36	SLE Q	7	3	208.51	-544.40	33.00	168.00	0.50	16.00	125.11	4.02	148.57	746.84	0.22	0.05
250	12.07	35	SLE F	7	3	208.51	-588.11	33.00	168.00	0.50	16.00	125.11	4.02	148.57	806.81	0.23	0.05
275	12.32	36	SLE Q	8	3	12.53	-346.44	33.00	168.00	0.50	16.00	125.11	4.02	148.57	475.27	0.14	0.03
278	12.32	35	SLE F	8	3	12.53	-349.91	33.00	168.00	0.50	16.00	125.11	4.02	148.57	480.03	0.14	0.03
303	13.95	36	SLE Q	8	3	174.93	208.55	33.00	168.00	0.50	16.00	125.11	4.02	148.57	286.10	0.08	0.02
306	13.95	35	SLE F	8	3	174.93	231.82	33.00	168.00	0.50	16.00	125.11	4.02	148.57	318.02	0.09	0.02
334	15.57	36	SLE Q	9	3	163.40	-103.88	33.00	56.00	0.50	16.00	93.13	8.04	136.37	73.51	0.02	0.00
337	15.57	35	SLE F	9	3	163.40	-151.51	33.00	56.00	0.50	16.00	93.13	8.04	136.37	107.22	0.03	0.00
362	15.82	36	SLE Q	10	3	12.53	-299.47	33.00	56.00	0.50	16.00	93.13	8.04	136.37	211.94	0.06	0.01
365	15.82	35	SLE F	10	3	12.53	-316.37	33.00	56.00	0.50	16.00	93.13	8.04	136.37	223.89	0.07	0.01
390	17.36	36	SLE Q	11	3	20.71	285.35	33.00	168.00	0.50	16.00	125.11	4.02	148.57	391.47	0.11	0.02
393	17.36	35	SLE F	11	3	20.71	316.32	33.00	168.00	0.50	16.00	125.11	4.02	148.57	433.95	0.13	0.03
418	19.86	36	SLE Q	12	3	129.82	-380.88	33.00	168.00	0.50	16.00	125.11	4.02	148.57	522.51	0.15	0.03
421	19.86	35	SLE F	12	3	129.82	-435.40	33.00	168.00	0.50	16.00	125.11	4.02	148.57	597.31	0.17	0.04

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
21 TGND	0.12	0.37	0.25	ø8/ 4 2 br.	25.13	0.25	1266.32	1.05	19333.90	19333.90	19333.90	15.268
21 TGND	0.37	3.91	3.55	ø8/16 2 br.	6.28	0.25	1228.71	2.50	11561.70	13346.70	11561.70	9.410
31 TGND	3.91	4.16	0.25	ø8/ 4 2 br.	25.13	0.25	1231.05	1.05	19333.90	19333.90	19333.90	15.705
23 TGND	4.41	4.66	0.25	ø8/ 4 2 br.	25.13	0.25	787.86	1.05	19333.90	19333.90	19333.90	24.540
41 SLU	4.66	7.41	2.76	ø8/16 2 br.	6.28	0.25	825.41	2.50	11561.70	13346.70	11561.70	14.007
41 SLU	7.41	7.66	0.25	ø8/ 4 2 br.	25.13	0.25	883.86	1.05	19333.90	19333.90	19333.90	21.874
41 SLU	7.91	8.16	0.25	ø8/ 4 2 br.	25.13	0.25	965.46	1.05	19333.90	19333.90	19333.90	20.026
41 SLU	8.16	9.74	1.59	ø8/16 2 br.	6.28	0.25	909.05	2.50	11561.70	13346.70	11561.70	12.719
41 SLU	9.74	9.99	0.25	ø8/16 2 br.	6.28	0.25	538.46	2.50	11561.70	13346.70	11561.70	21.472
41 SLU	10.00	10.25	0.25	ø8/16 2 br.	6.28	0.25	744.27	2.50	11561.70	13346.70	11561.70	15.534
41 SLU	10.25	11.83	1.59	ø8/16 2 br.	6.28	0.25	1114.87	2.50	11561.70	13346.70	11561.70	10.370
41 SLU	11.83	12.08	0.25	ø8/ 4 2 br.	25.13	0.25	1171.27	1.05	19333.90	19333.90	19333.90	16.507
21 TGND	12.33	12.58	0.25	ø8/ 4 2 br.	25.13	0.25	875.32	1.05	19333.90	19333.90	19333.90	22.088
21 TGND	12.58	15.33	2.76	ø8/16 2 br.	6.28	0.25	836.36	2.50	11561.70	13346.70	11561.70	13.824
41 SLU	15.33	15.58	0.25	ø8/ 4 2 br.	25.13	0.25	765.82	1.05	19333.90	19333.90	19333.90	25.246
23 TGND	15.83	16.08	0.25	ø8/ 4 2 br.	25.13	0.25	1226.14	1.05	19333.90	19333.90	19333.90	15.768
31 TGND	16.08	19.62	3.55	ø8/16 2 br.	6.28	0.25	1232.91	2.50	11561.70	13346.70	11561.70	9.378
31 TGND	19.62	19.87	0.25	ø8/ 4 2 br.	25.13	0.25	1270.52	1.05	19333.90	19333.90	19333.90	15.217

Travate n. 303 304 305 306

303 (a) Nodi: 113 -131 -132 314 -147 415 -10 416 -149 317 -151 -152 118
 304 (b) Nodi: 119 -129 -130 320 -137 421 -11 422 -140 323 -145 -146 124
 305 (c) Nodi: 125 -127 -128 326 -136 427 -12 428 -139 329 -143 -144 130
 306 (d) Nodi: 231 -125 -126 332 -135 433 -13 434 -138 335 -141 -142 136

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
3R		25.00	25.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	In	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.12	41	SLU	c	1	12.53	4.02	4.02	4.02	4.02	-1317.06	-2974.31	2.258
1.45	41	SLU	c	1	145.35	4.02	4.02	4.02	4.02	1748.31	2974.31	1.701
4.17	41	SLU	c	3	129.82	4.02	4.02	4.02	4.02	-2128.26	-2974.31	1.398
4.42	41	SLU	c	4	12.53	4.02	4.02	4.02	4.02	-1424.07	-2974.31	2.089
6.04	41	SLU	c	4	175.43	4.02	4.02	4.02	4.02	873.88	2974.31	3.404
7.67	41	SLU	c	5	162.40	8.04	8.04	8.04	8.04	-1718.16	-5620.58	3.271
7.92	41	SLU	c	6	12.53	8.04	8.04	8.04	8.04	-2071.31	-5620.58	2.714
9.99	41	SLU	c	6	221.04	4.02	4.02	4.02	4.02	2934.83	2974.31	1.013
12.07	41	SLU	c	7	208.51	4.02	4.02	4.02	4.02	-2274.81	-2974.31	1.308
12.32	41	SLU	c	8	12.53	4.02	4.02	4.02	4.02	-1454.47	-2974.31	2.045
13.95	41	SLU	c	9	0.00	4.02	4.02	4.02	4.02	859.38	2974.31	3.461
15.57	41	SLU	c	9	163.40	8.04	8.04	8.04	8.04	-1715.74	-5620.58	3.276
15.82	41	SLU	c	10	12.53	8.04	8.04	8.04	8.04	-1921.01	-5620.58	2.926
18.03	41	SLU	c	11	88.11	4.02	4.02	4.02	4.02	1703.69	2974.31	1.746
19.86	41	SLU	c	12	129.82	4.02	4.02	4.02	4.02	-1446.03	-2974.31	2.057

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	In	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _ε sup <daN/cm²>	σ _ε inf <daN/cm²>	σ _c <daN/cm²>
0.12	42	SLE R	c	1	12.53	4.02	4.02	-878.04	1204.55	-269.47	41.95
0.12	36	SLE Q	c	1	12.53	4.02	4.02	-455.71	625.18	-139.86	21.77
1.45	42	SLE R	c	1	145.35	4.02	4.02	1165.54	-357.71	1598.96	55.68
1.45	36	SLE Q	c	1	145.35	4.02	4.02	623.17	-191.25	854.91	29.77
4.17	42	SLE R	c	3	129.82	4.02	4.02	-1418.84	1946.45	-435.45	67.78
4.17	36	SLE Q	c	3	129.82	4.02	4.02	-742.19	1018.18	-227.78	35.46
4.42	42	SLE R	c	4	12.53	4.02	4.02	-949.38	1302.42	-291.37	45.36
4.42	36	SLE Q	c	4	12.53	4.02	4.02	-561.75	770.65	-172.40	26.84
6.04	42	SLE R	c	4	175.43	4.02	4.02	582.59	-178.80	799.23	27.83
6.04	36	SLE Q	c	4	175.43	4.02	4.02	241.31	-74.06	331.05	11.53
7.67	42	SLE R	c	5	162.40	8.04	8.04	-1145.44	810.63	-299.83	38.06
7.67	36	SLE Q	c	5	162.40	8.04	8.04	-643.83	455.64	-168.53	21.39
7.92	42	SLE R	c	6	12.53	8.04	8.04	-1380.87	977.24	-361.45	45.88
7.92	36	SLE Q	c	6	12.53	8.04	8.04	-927.95	656.71	-242.90	30.83
9.99	42	SLE R	c	6	221.04	4.02	4.02	1956.56	-600.47	2684.13	93.47
9.99	36	SLE Q	c	6	221.04	4.02	4.02	1256.31	-385.56	1723.48	60.02
12.07	42	SLE R	c	7	208.51	4.02	4.02	-1516.54	2080.49	-465.43	72.45
12.07	36	SLE Q	c	7	208.51	4.02	4.02	-928.69	1274.03	-285.02	44.37
12.32	42	SLE R	c	8	12.53	4.02	4.02	-969.65	1330.22	-297.59	46.32
12.32	36	SLE Q	c	8	12.53	4.02	4.02	-643.87	883.31	-197.61	30.76
13.95	42	SLE R	c	9	0.00	4.02	4.02	572.92	-175.83	785.97	27.37
13.95	36	SLE Q	c	9	0.00	4.02	4.02	241.76	-74.20	331.66	11.55
15.57	42	SLE R	c	9	163.40	8.04	8.04	-1143.83	809.49	-299.40	38.00
15.57	36	SLE Q	c	9	163.40	8.04	8.04	-560.89	396.94	-146.82	18.63
15.82	42	SLE R	c	10	12.53	8.04	8.04	-1280.67	906.33	-335.22	42.55
15.82	36	SLE Q	c	10	12.53	8.04	8.04	-740.10	523.77	-193.73	24.59
18.03	42	SLE R	c	11	88.11	4.02	4.02	1135.79	-348.58	1558.16	54.26
18.03	36	SLE Q	c	11	88.11	4.02	4.02	619.45	-190.11	849.80	29.59
19.86	42	SLE R	c	12	129.82	4.02	4.02	-964.02	1322.51	-295.86	46.05
19.86	36	SLE Q	c	12	129.82	4.02	4.02	-457.69	627.88	-140.47	21.87

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	In	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm²>	ε _{sm}	Wk <mm>
98	0.12	36	SLE Q	c	1	3	12.53	-455.71	33.00	168.00	0.50	16.00	125.11	4.02	148.57	625.18	0.18	0.04
110	0.12	35	SLE F	c	1	3	12.53	-530.08	33.00	168.00	0.50	16.00	125.11	4.02	148.57	727.19	0.21	0.05
216	1.45	36	SLE Q	c	1	3	145.35	623.17	33.00	168.00	0.50	16.00	125.11	4.02	148.57	854.91	0.25	0.05
228	1.45	35	SLE F	c	1	3	145.35	717.07	33.00	168.00	0.50	16.00	125.11	4.02	148.57	983.72	0.29	0.06
328	4.17	36	SLE Q	c	3	3	129.82	-742.19	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1018.18	0.30	0.06
340	4.17	35	SLE F	c	3	3	129.82	-870.97	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1194.85	0.35	0.07
440	4.42	36	SLE Q	c	4	3	12.53	-561.75	33.00	168.00	0.50	16.00	125.11	4.02	148.57	770.65	0.22	0.05
452	4.42	35	SLE F	c	4	3	12.53	-614.35	33.00	168.00	0.50	16.00	125.11	4.02	148.57	842.80	0.25	0.05
552	6.04	36	SLE Q	c	4	3	175.43	241.31	33.00	168.00	0.50	16.00	125.11	4.02	148.57	331.05	0.10	0.02
564	6.04	35	SLE F	c	4	3	175.43	303.24	33.00	168.00	0.50	16.00	125.11	4.02	148.57	416.00	0.12	0.03
664	7.67	36	SLE Q	c	5	3	162.40	-643.83	33.00	56.00	0.50	16.00	93.13	8.04	136.37	455.64	0.13	0.02
676	7.67	35	SLE F	c	5	3	162.40	-746.95	33.00	56.00	0.50	16.00	93.13	8.04	136.37	528.62	0.15	0.02
779	7.92	36	SLE Q	c	6	3	12.53	-927.95	33.00	56.00	0.50	16.00	93.13	8.04	136.37	656.71	0.19	0.03
791	7.92	35	SLE F	c	6	3	12.53	-998.08	33.00	56.00	0.50	16.00	93.13	8.04	136.37	706.34	0.21	0.03
891	9.99	36	SLE Q	c	6	3	221.04	1256.31	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1723.48	0.60	0.13
903	9.99	35	SLE F	c	6	3	221.04	1380.84	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1894.33	0.56	0.12
1006	12.07	36	SLE Q	c	7	3	208.51	-928.69	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1274.03	0.38	0.08
1018	12.07	35	SLE F	c	7	3	208.51	-1043.80	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1431.95	0.42	0.09
1118	12.32	36	SLE Q	c	8	3	12.53	-643.87	33.00	168.00	0.50	16.00	125.11	4.02	148.57	883.31	0.26	0.05

1130	12.32	35	SLE F	c	8	3	12.53	-688.28	33.00	168.00	0.50	16.00	125.11	4.02	148.57	944.23	0.28	0.06
1230	13.95	36	SLE Q	c	9	3	0.00	241.76	33.00	168.00	0.50	16.00	125.11	4.02	148.57	331.66	0.10	0.02
1242	13.95	35	SLE F	c	9	3	0.00	300.23	33.00	168.00	0.50	16.00	125.11	4.02	148.57	411.88	0.12	0.03
1342	15.57	36	SLE Q	c	9	3	163.40	-560.89	33.00	56.00	0.50	16.00	93.13	8.04	136.37	396.94	0.12	0.02
1354	15.57	35	SLE F	c	9	3	163.40	-678.84	33.00	56.00	0.50	16.00	93.13	8.04	136.37	480.41	0.14	0.02
1454	15.82	36	SLE Q	c	10	3	12.53	-740.10	33.00	56.00	0.50	16.00	93.13	8.04	136.37	523.77	0.15	0.02
1466	15.82	35	SLE F	c	10	3	12.53	-823.76	33.00	56.00	0.50	16.00	93.13	8.04	136.37	582.97	0.17	0.03
1566	18.03	36	SLE Q	c	11	3	88.11	619.45	33.00	168.00	0.50	16.00	125.11	4.02	148.57	849.80	0.25	0.05
1578	18.03	35	SLE F	c	11	3	88.11	708.80	33.00	168.00	0.50	16.00	125.11	4.02	148.57	972.38	0.28	0.06
1681	19.86	36	SLE Q	c	12	3	129.82	-457.69	33.00	168.00	0.50	16.00	125.11	4.02	148.57	627.88	0.18	0.04
1693	19.86	35	SLE F	c	12	3	129.82	-559.88	33.00	168.00	0.50	16.00	125.11	4.02	148.57	768.08	0.22	0.05

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	In	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
41 SLU	0.12	0.37	0.25	c	ø8/ 4 2 br.	25.13	0.25	2343.45	1.05	19333.90	19333.90	19333.90	8.250
41 SLU	0.37	3.91	3.55	c	ø8/16 2 br.	6.28	0.25	2707.21	2.50	11561.70	13346.70	11561.70	4.271
41 SLU	3.91	4.16	0.25	c	ø8/ 4 2 br.	25.13	0.25	2765.66	1.05	19333.90	19333.90	19333.90	6.991
41 SLU	4.41	4.66	0.25	c	ø8/ 4 2 br.	25.13	0.25	1548.74	1.05	19333.90	19333.90	19333.90	12.484
41 SLU	4.66	7.41	2.76	c	ø8/16 2 br.	6.28	0.25	1676.44	2.50	11561.70	13346.70	11561.70	6.897
41 SLU	7.41	7.66	0.25	c	ø8/ 4 2 br.	25.13	0.25	1734.89	1.05	19333.90	19333.90	19333.90	11.144
41 SLU	7.91	8.16	0.25	c	ø8/ 4 2 br.	25.13	0.25	2516.71	1.05	19333.90	19333.90	19333.90	7.682
41 SLU	8.16	9.74	1.59	c	ø8/16 2 br.	6.28	0.25	2460.31	2.50	11561.70	13346.70	11561.70	4.699
41 SLU	9.74	9.99	0.25	c	ø8/16 2 br.	6.28	0.25	2089.71	2.50	11561.70	13346.70	11561.70	5.533
41 SLU	10.00	10.25	0.25	c	ø8/16 2 br.	6.28	0.25	2186.42	2.50	11561.70	13346.70	11561.70	5.288
41 SLU	10.25	11.83	1.59	c	ø8/16 2 br.	6.28	0.25	2557.01	2.50	11561.70	13346.70	11561.70	4.522
41 SLU	11.83	12.08	0.25	c	ø8/ 4 2 br.	25.13	0.25	2613.42	1.05	19333.90	19333.90	19333.90	7.398
41 SLU	12.33	12.58	0.25	c	ø8/ 4 2 br.	25.13	0.25	1564.45	1.05	19333.90	19333.90	19333.90	12.358
41 SLU	12.58	15.33	2.76	c	ø8/16 2 br.	6.28	0.25	1662.77	2.50	11561.70	13346.70	11561.70	6.953
41 SLU	15.33	15.58	0.25	c	ø8/ 4 2 br.	25.13	0.25	1719.17	1.05	19333.90	19333.90	19333.90	11.246
41 SLU	15.83	16.08	0.25	c	ø8/ 4 2 br.	25.13	0.25	2658.93	1.05	19333.90	19333.90	19333.90	7.271
41 SLU	16.08	19.62	3.55	c	ø8/16 2 br.	6.28	0.25	2600.47	2.50	11561.70	13346.70	11561.70	4.446
41 SLU	19.62	19.87	0.25	c	ø8/ 4 2 br.	25.13	0.25	2450.18	1.05	19333.90	19333.90	19333.90	7.891

Travata n. 313

Nodi: -9 -10 -11 -41 -42 -12 -43 -44 -13

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	TP	Fyk <daN/cm²>	Fyd <daN/cm²>
3R		25.00	25.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.00	41	SLU	1	0.00	4.02	4.02	4.02	4.02	373.63	2974.31	7.960
17.31	41	SLU	7	159.72	4.02	4.02	4.02	4.02	1838.34	2974.31	1.618
20.00	41	SLU	8	236.67	4.02	4.02	4.02	4.02	-736.40	-2974.31	4.039

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _f sup <daN/cm²>	σ _f inf <daN/cm²>	σ _c <daN/cm²>
0.00	42	SLE R	1	0.00	4.02	4.02	249.09	-76.45	341.72	11.90
0.00	36	SLE Q	1	0.00	4.02	4.02	149.90	-46.01	205.65	7.16
17.31	42	SLE R	7	159.72	4.02	4.02	1225.56	-376.13	1681.31	58.55
17.31	36	SLE Q	7	159.72	4.02	4.02	744.04	-228.35	1020.72	35.55
20.00	42	SLE R	8	236.67	4.02	4.02	-490.93	673.49	-150.67	23.45
20.00	36	SLE Q	8	236.67	4.02	4.02	-278.67	382.29	-85.52	13.31

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _c eff <cmq>	σ _s <daN/cm²>	ε _{sm}	Wk <mm>
45	0.00	36	SLE Q	1	3	0.00	149.90	33.00	168.00	0.50	16.00	125.11	4.02	148.57	205.65	0.06	0.01
51	0.00	35	SLE F	1	3	0.00	167.54	33.00	168.00	0.50	16.00	125.11	4.02	148.57	229.84	0.07	0.01
79	17.31	36	SLE Q	7	3	159.72	744.04	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1020.72	0.30	0.06
82	17.31	35	SLE F	7	3	159.72	829.63	33.00	168.00	0.50	16.00	125.11	4.02	148.57	1138.14	0.33	0.07
111	20.00	36	SLE Q	8	3	236.67	-278.67	33.00	168.00	0.50	16.00	125.11	4.02	148.57	382.29	0.11	0.02
114	20.00	35	SLE F	8	3	236.67	-316.42	33.00	168.00	0.50	16.00	125.11	4.02	148.57	434.09	0.13	0.03

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
41 SLU	0.06	0.31	0.25	ø8/ 4 2 br.	25.13	0.25	1487.65	1.05	19333.90	19333.90	19333.90	12.996
41 SLU	0.31	19.69	19.38	ø8/16 2 br.	6.28	0.25	1665.54	2.50	11561.70	13346.70	11561.70	6.942
41 SLU	19.69	19.94	0.25	ø8/ 4 2 br.	25.13	0.25	1852.43	1.05	19333.90	19333.90	19333.90	10.437

Travata n. 501

Nodi: 1 2 3 4 5 6

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
1	R	37.00	40.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.12	37	SLU	1	12.50	3.08	3.08	3.08	3.08	1104.96	4279.86	3.873
4.17	41	SLU	1	416.50	3.08	3.08	3.08	3.08	486.16	4279.86	8.803
4.42	37	SLU	2	12.50	3.08	3.08	3.08	3.08	892.54	4279.86	4.795
7.34	41	SLU	2	305.00	3.08	3.08	3.08	3.08	217.05	4279.86	19.718
7.67	41	SLU	2	337.50	3.08	3.08	3.08	3.08	217.05	4279.86	19.718
7.92	37	SLU	3	12.50	3.08	3.08	3.08	3.08	948.47	4279.86	4.512
11.75	37	SLU	3	395.63	3.08	3.08	3.08	3.08	-494.15	-4279.86	8.661
12.07	37	SLU	3	428.50	3.08	3.08	3.08	3.08	-464.80	-4279.86	9.208
12.32	37	SLU	4	12.50	3.08	3.08	3.08	3.08	603.85	4279.86	7.088
15.57	41	SLU	4	337.50	3.08	3.08	3.08	3.08	567.14	4279.86	7.546
15.82	37	SLU	5	12.50	3.08	3.08	3.08	3.08	1388.33	4279.86	3.083
19.55	37	SLU	5	385.42	3.08	3.08	3.08	3.08	-1754.49	-4279.86	2.439
19.86	37	SLU	5	416.50	3.08	3.08	3.08	3.08	-1754.49	-4279.86	2.439

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.12	21	SLV (E)	1	12.50	3.08	3.08	3.08	3.08	-2669.52	-3992.68	1.496
4.17	21	SLV (E)	1	416.50	3.08	3.08	3.08	3.08	1901.77	3992.68	2.099
4.42	21	SLV (E)	2	12.50	3.08	3.08	3.08	3.08	1609.90	3992.68	2.480
7.34	23	SLV (E)	2	305.00	3.08	3.08	3.08	3.08	1503.25	3992.68	2.656
7.67	23	SLV (E)	2	337.50	3.08	3.08	3.08	3.08	1503.25	3992.68	2.656
7.92	23	SLV (E)	3	12.50	3.08	3.08	3.08	3.08	1640.18	3992.68	2.434
11.75	23	SLV (E)	3	395.63	3.08	3.08	3.08	3.08	1433.56	3992.68	2.785
12.07	23	SLV (E)	3	428.50	3.08	3.08	3.08	3.08	1433.56	3992.68	2.785
12.32	23	SLV (E)	4	12.50	3.08	3.08	3.08	3.08	1326.63	3992.68	3.010
15.57	21	SLV (E)	4	337.50	3.08	3.08	3.08	3.08	1680.03	3992.68	2.377
15.82	21	SLV (E)	5	12.50	3.08	3.08	3.08	3.08	1946.35	3992.68	2.051
19.55	1	SLV (E)	5	385.42	3.08	3.08	3.08	3.08	-2676.35	-3992.68	1.492
19.86	1	SLV (E)	5	416.50	3.08	3.08	3.08	3.08	-2676.35	-3992.68	1.492

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _f sup <daN/cm²>	σ _f inf <daN/cm²>	σ _s <daN/cm²>
0.12	38	SLE R	1	12.50	3.08	3.08	711.98	-92.09	698.63	12.94
0.12	36	SLE Q	1	12.50	3.08	3.08	-318.65	312.67	-41.21	5.79
4.17	42	SLE R	1	416.50	3.08	3.08	324.11	-41.92	318.03	5.89
4.17	36	SLE Q	1	416.50	3.08	3.08	449.50	-58.14	441.08	8.17
4.42	38	SLE R	2	12.50	3.08	3.08	608.40	-78.69	596.99	11.05
4.42	36	SLE Q	2	12.50	3.08	3.08	354.42	-45.84	347.78	6.44
7.34	42	SLE R	2	305.00	3.08	3.08	144.70	-18.72	141.99	2.63
7.34	36	SLE Q	2	305.00	3.08	3.08	237.65	-30.74	233.19	4.32
7.67	42	SLE R	2	337.50	3.08	3.08	144.70	-18.72	141.99	2.63
7.67	36	SLE Q	2	337.50	3.08	3.08	237.65	-30.74	233.19	4.32
7.92	38	SLE R	3	12.50	3.08	3.08	633.98	-82.00	622.09	11.52
7.92	36	SLE Q	3	12.50	3.08	3.08	252.22	-32.62	247.49	4.58
11.75	38	SLE R	3	395.63	3.08	3.08	-331.28	325.07	-42.85	6.02
11.75	36	SLE Q	3	395.63	3.08	3.08	-96.41	94.60	-12.47	1.75
12.07	38	SLE R	3	428.50	3.08	3.08	-310.27	304.45	-40.13	5.64
12.07	36	SLE Q	3	428.50	3.08	3.08	65.56	-8.48	64.33	1.19
12.32	38	SLE R	4	12.50	3.08	3.08	407.38	-52.69	399.74	7.40
12.32	36	SLE Q	4	12.50	3.08	3.08	76.01	-9.83	74.58	1.38
15.57	42	SLE R	4	337.50	3.08	3.08	378.09	-48.90	371.00	6.87
15.57	36	SLE Q	4	337.50	3.08	3.08	417.11	-53.95	409.29	7.58
15.82	38	SLE R	5	12.50	3.08	3.08	941.81	-121.81	924.15	17.11
15.82	36	SLE Q	5	12.50	3.08	3.08	491.27	-63.54	482.06	8.93
19.55	38	SLE R	5	385.42	3.08	3.08	-1196.77	1174.33	-154.79	21.74
19.55	36	SLE Q	5	385.42	3.08	3.08	-326.74	320.61	-42.26	5.94
19.86	38	SLE R	5	416.50	3.08	3.08	-1196.77	1174.33	-154.79	21.74
19.86	36	SLE Q	5	416.50	3.08	3.08	-326.74	320.61	-42.26	5.94

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _c eff <cmq>	σ _s <daN/cm²>	ε _{sm}	W _k <mm>
23	0.12	36	SLE Q	1	1	12.50	-318.65	34.00	290.00	0.50	14.00	241.47	3.08	379.25	312.67	0.09	0.04
28	0.12	43	SLE F	1	1	12.50	-318.65	34.00	290.00	0.50	14.00	241.47	3.08	379.25	312.67	0.09	0.04
51	4.17	36	SLE Q	1	1	416.50	449.50	34.00	290.00	0.50	14.00	241.47	3.08	379.25	441.08	0.13	0.05
56	4.17	43	SLE F	1	1	416.50	449.50	34.00	290.00	0.50	14.00	241.47	3.08	379.25	441.08	0.13	0.05
79	4.42	36	SLE Q	2	1	12.50	354.42	34.00	290.00	0.50	14.00	241.47	3.08	379.25	347.78	0.10	0.04
82	4.42	35	SLE F	2	1	12.50	415.10	34.00	290.00	0.50	14.00	241.47	3.08	379.25	407.31	0.12	0.05
109	7.34	36	SLE Q	2	1	305.00	237.65	34.00	290.00	0.50	14.00	241.47	3.08	379.25	233.19	0.07	0.03
114	7.34	43	SLE F	2	1	305.00	237.65	34.00	290.00	0.50	14.00	241.47	3.08	379.25	233.19	0.07	0.03
138	7.67	36	SLE Q	2	1	337.50	237.65	34.00	290.00	0.50	14.00	241.47	3.08	379.25	233.19	0.07	0.03
143	7.67	43	SLE F	2	1	337.50	237.65	34.00	290.00	0.50	14.00	241.47	3.08	379.25	233.19	0.07	0.03
167	7.92	36	SLE Q	3	1	12.50	252.22	34.00	290.00	0.50	14.00	241.47	3.08	379.25	247.49	0.07	0.03

170	7.92	35	SLE F	3	1	12.50	336.34	34.00	290.00	0.50	14.00	241.47	3.08	379.25	330.03	0.10	0.04
196	11.75	36	SLE Q	3	1	395.63	-96.41	34.00	290.00	0.50	14.00	241.47	3.08	379.25	94.60	0.03	0.01
202	11.75	35	SLE F	3	1	395.63	-143.45	34.00	290.00	0.50	14.00	241.47	3.08	379.25	140.76	0.04	0.02
228	12.07	36	SLE Q	3	1	428.50	65.56	34.00	290.00	0.50	14.00	241.47	3.08	379.25	64.33	0.02	0.01
236	12.07	39	SLE F	3	1	428.50	-90.72	34.00	290.00	0.50	14.00	241.47	3.08	379.25	89.02	0.03	0.01
261	12.32	36	SLE Q	4	1	12.50	76.01	34.00	290.00	0.50	14.00	241.47	3.08	379.25	74.58	0.02	0.01
264	12.32	35	SLE F	4	1	12.50	149.55	34.00	290.00	0.50	14.00	241.47	3.08	379.25	146.75	0.04	0.02
290	15.57	36	SLE Q	4	1	337.50	417.11	34.00	290.00	0.50	14.00	241.47	3.08	379.25	409.29	0.12	0.05
295	15.57	43	SLE F	4	1	337.50	417.11	34.00	290.00	0.50	14.00	241.47	3.08	379.25	409.29	0.12	0.05
319	15.82	36	SLE Q	5	1	12.50	491.27	34.00	290.00	0.50	14.00	241.47	3.08	379.25	482.06	0.14	0.06
322	15.82	35	SLE F	5	1	12.50	593.60	34.00	290.00	0.50	14.00	241.47	3.08	379.25	582.47	0.17	0.07
347	19.55	36	SLE Q	5	1	385.42	-326.74	34.00	290.00	0.50	14.00	241.47	3.08	379.25	320.61	0.09	0.04
350	19.55	35	SLE F	5	1	385.42	-505.44	34.00	290.00	0.50	14.00	241.47	3.08	379.25	495.96	0.14	0.06
375	19.86	36	SLE Q	5	1	416.50	-326.74	34.00	290.00	0.50	14.00	241.47	3.08	379.25	320.61	0.09	0.04
378	19.86	35	SLE F	5	1	416.50	-505.44	34.00	290.00	0.50	14.00	241.47	3.08	379.25	495.96	0.14	0.06

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
21 SLV	0.12	0.53	0.40	ø8/16 2 br.	6.28	0.37	1000.32	2.50	19859.70	33930.10	19859.70	19.853
23 SLV	0.53	3.77	3.24	ø8/16 2 br.	6.28	0.37	1133.85	2.50	19859.70	33930.10	19859.70	17.515
23 SLV	3.77	4.17	0.40	ø8/16 2 br.	6.28	0.37	1327.25	2.50	19859.70	33930.10	19859.70	14.963
3 SLV	4.42	4.82	0.40	ø8/16 2 br.	6.28	0.37	1151.65	2.50	19859.70	33930.10	19859.70	17.245
3 SLV	4.82	7.26	2.45	ø8/16 2 br.	6.28	0.37	968.39	2.50	19859.70	33930.10	19859.70	20.508
23 SLV	7.26	7.67	0.40	ø8/16 2 br.	6.28	0.37	1052.24	2.50	19859.70	33930.10	19859.70	18.874
3 SLV	7.92	8.31	0.40	ø8/16 2 br.	6.28	0.37	1124.54	2.50	19859.70	33930.10	19859.70	17.660
3 SLV	8.31	11.68	3.36	ø8/16 2 br.	6.28	0.37	933.32	2.50	19859.70	33930.10	19859.70	21.278
23 SLV	11.68	12.07	0.40	ø8/16 2 br.	6.28	0.37	1001.66	2.50	19859.70	33930.10	19859.70	19.827
3 SLV	12.32	12.72	0.40	ø8/16 2 br.	6.28	0.37	935.59	2.50	19859.70	33930.10	19859.70	21.227
23 SLV	12.72	15.18	2.45	ø8/16 2 br.	6.28	0.37	1015.17	2.50	19859.70	33930.10	19859.70	19.563
23 SLV	15.18	15.57	0.40	ø8/16 2 br.	6.28	0.37	1199.50	2.50	19859.70	33930.10	19859.70	16.557
3 SLV	15.82	16.23	0.40	ø8/16 2 br.	6.28	0.37	1338.42	2.50	19859.70	33930.10	19859.70	14.838
3 SLV	16.23	19.46	3.24	ø8/16 2 br.	6.28	0.37	1145.76	2.50	19859.70	33930.10	19859.70	17.333
1 SLV	19.46	19.86	0.40	ø8/16 2 br.	6.28	0.37	1012.12	2.50	19859.70	33930.10	19859.70	19.622

Travata n. 506

Nodi: 31 32 33 -6 34 35 36

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
1R		37.00	40.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.12	37	SLU	1	12.50	3.08	3.08	3.08	3.08	1117.81	4279.86	3.829
4.17	37	SLU	1	416.50	3.08	3.08	3.08	3.08	-818.10	-4279.86	5.231
4.42	41	SLU	2	12.50	3.08	3.08	3.08	3.08	324.15	4279.86	13.203
7.67	41	SLU	2	337.50	3.08	3.08	3.08	3.08	331.04	4279.86	12.928
7.92	37	SLU	3	12.50	3.08	3.08	3.08	3.08	680.63	4279.86	6.288
9.65	41	SLU	3	185.83	3.08	3.08	3.08	3.08	-1878.63	-4279.86	2.278
9.99	41	SLU	3	220.50	3.08	3.08	3.08	3.08	-1878.63	-4279.86	2.278
9.99	41	SLU	4	0.00	3.08	3.08	3.08	3.08	-1870.17	-4279.86	2.288
12.07	37	SLU	4	208.00	3.08	3.08	3.08	3.08	-220.82	-4279.86	19.381
12.32	37	SLU	5	12.50	3.08	3.08	3.08	3.08	651.75	4279.86	6.567
15.25	37	SLU	5	305.00	3.08	3.08	3.08	3.08	-295.60	-4279.86	14.479
15.57	37	SLU	5	337.50	3.08	3.08	3.08	3.08	-295.60	-4279.86	14.479
15.82	37	SLU	6	12.50	3.08	3.08	3.08	3.08	417.65	4279.86	10.247
19.55	37	SLU	6	385.42	3.08	3.08	3.08	3.08	-1934.16	-4279.86	2.213
19.86	37	SLU	6	416.50	3.08	3.08	3.08	3.08	-1934.16	-4279.86	2.213

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.12	7	SLV(E)	1	12.50	3.08	3.08	3.08	3.08	-2073.75	-3992.68	1.925
4.17	17	SLV(E)	1	416.50	3.08	3.08	3.08	3.08	-1154.79	-3992.68	3.457
4.42	5	SLV(E)	2	12.50	3.08	3.08	3.08	3.08	-843.40	-3992.68	4.734
7.67	5	SLV(E)	2	337.50	3.08	3.08	3.08	3.08	848.24	3992.68	4.707
7.92	17	SLV(E)	3	12.50	3.08	3.08	3.08	3.08	854.25	3992.68	4.674
9.65	25	SLV(E)	3	185.83	3.08	3.08	3.08	3.08	-1121.03	-3992.68	3.562
9.99	25	SLV(E)	3	220.50	3.08	3.08	3.08	3.08	-1121.03	-3992.68	3.562
9.99	11	SLV(E)	4	0.00	3.08	3.08	3.08	3.08	-1121.07	-3992.68	3.562
12.07	5	SLV(E)	4	208.00	3.08	3.08	3.08	3.08	855.52	3992.68	4.667
12.32	17	SLV(E)	5	12.50	3.08	3.08	3.08	3.08	851.42	3992.68	4.689
15.25	17	SLV(E)	5	305.00	3.08	3.08	3.08	3.08	-845.87	-3992.68	4.720
15.57	17	SLV(E)	5	337.50	3.08	3.08	3.08	3.08	-845.87	-3992.68	4.720
15.82	5	SLV(E)	6	12.50	3.08	3.08	3.08	3.08	-1153.72	-3992.68	3.461
19.55	19	SLV(E)	6	385.42	3.08	3.08	3.08	3.08	-2072.90	-3992.68	1.926
19.86	19	SLV(E)	6	416.50	3.08	3.08	3.08	3.08	-2072.90	-3992.68	1.926

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _E sup <daN/cm²>	σ _E inf <daN/cm²>	σ _c <daN/cm²>
0.12	38	SLE R	1	12.50	3.08	3.08	719.86	-93.10	706.36	13.08
0.12	36	SLE Q	1	12.50	3.08	3.08	-326.43	320.31	-42.22	5.93
4.17	38	SLE R	1	416.50	3.08	3.08	-573.16	562.41	-74.13	10.41

4.17	36	SLE Q	1	416.50	3.08	3.08	-187.01	183.51	-24.19	3.40
4.42	42	SLE R	2	12.50	3.08	3.08	216.10	-27.95	212.05	3.93
4.42	36	SLE Q	2	12.50	3.08	3.08	-96.79	94.97	-12.52	1.76
7.67	42	SLE R	2	337.50	3.08	3.08	220.69	-28.54	216.56	4.01
7.67	36	SLE Q	2	337.50	3.08	3.08	239.49	-30.98	235.00	4.35
7.92	38	SLE R	3	12.50	3.08	3.08	471.31	-60.96	462.47	8.56
7.92	36	SLE Q	3	12.50	3.08	3.08	167.55	-21.67	164.41	3.04
9.65	42	SLE R	3	185.83	3.08	3.08	-1252.42	1228.94	-161.99	22.75
9.65	36	SLE Q	3	185.83	3.08	3.08	-969.83	951.64	-125.44	17.62
9.99	42	SLE R	3	220.50	3.08	3.08	-1252.42	1228.94	-161.99	22.75
9.99	36	SLE Q	3	220.50	3.08	3.08	-969.83	951.64	-125.44	17.62
9.99	42	SLE R	4	0.00	3.08	3.08	-1246.78	1223.40	-161.25	22.65
9.99	36	SLE Q	4	0.00	3.08	3.08	-969.92	951.74	-125.45	17.62
12.07	38	SLE R	4	208.00	3.08	3.08	-140.79	138.15	-18.21	2.56
12.07	36	SLE Q	4	208.00	3.08	3.08	169.58	-21.93	166.40	3.08
12.32	38	SLE R	5	12.50	3.08	3.08	456.71	-59.07	448.15	8.30
12.32	36	SLE Q	5	12.50	3.08	3.08	241.00	-31.17	236.48	4.38
15.25	38	SLE R	5	305.00	3.08	3.08	-216.47	212.41	-28.00	3.93
15.25	36	SLE Q	5	305.00	3.08	3.08	118.00	-15.26	115.79	2.14
15.57	38	SLE R	5	337.50	3.08	3.08	-216.47	212.41	-28.00	3.93
15.57	36	SLE Q	5	337.50	3.08	3.08	-98.05	96.21	-12.68	1.78
15.82	38	SLE R	6	12.50	3.08	3.08	253.15	-32.74	248.40	4.60
15.82	36	SLE Q	6	12.50	3.08	3.08	-187.30	183.79	-24.23	3.40
19.55	38	SLE R	6	385.42	3.08	3.08	-1317.30	1292.60	-170.38	23.93
19.55	36	SLE Q	6	385.42	3.08	3.08	-327.77	321.63	-42.39	5.96
19.86	38	SLE R	6	416.50	3.08	3.08	-1317.30	1292.60	-170.38	23.93
19.86	36	SLE Q	6	416.50	3.08	3.08	-327.77	321.63	-42.39	5.96

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
24	0.12	36	SLE Q	1	1	12.50	-326.43	34.00	290.00	0.50	14.00	241.47	3.08	379.25	320.31	0.09	0.04
31	0.12	43	SLE F	1	1	12.50	-326.43	34.00	290.00	0.50	14.00	241.47	3.08	379.25	320.31	0.09	0.04
55	4.17	36	SLE Q	1	1	416.50	-187.01	34.00	290.00	0.50	14.00	241.47	3.08	379.25	183.51	0.05	0.02
59	4.17	39	SLE F	1	1	416.50	-277.89	34.00	290.00	0.50	14.00	241.47	3.08	379.25	272.68	0.08	0.03
84	4.42	36	SLE Q	2	1	12.50	-96.79	34.00	290.00	0.50	14.00	241.47	3.08	379.25	94.97	0.03	0.01
94	4.42	43	SLE F	2	1	12.50	-96.79	34.00	290.00	0.50	14.00	241.47	3.08	379.25	94.97	0.03	0.01
120	7.67	36	SLE Q	2	1	337.50	239.49	34.00	290.00	0.50	14.00	241.47	3.08	379.25	235.00	0.07	0.03
125	7.67	43	SLE F	2	1	337.50	239.49	34.00	290.00	0.50	14.00	241.47	3.08	379.25	235.00	0.07	0.03
150	7.92	36	SLE Q	3	1	12.50	167.55	34.00	290.00	0.50	14.00	241.47	3.08	379.25	164.41	0.05	0.02
153	7.92	35	SLE F	3	1	12.50	238.66	34.00	290.00	0.50	14.00	241.47	3.08	379.25	234.19	0.07	0.03
178	9.65	36	SLE Q	3	1	185.83	-969.83	34.00	290.00	0.50	14.00	241.47	3.08	379.25	951.64	0.28	0.11
181	9.65	35	SLE F	3	1	185.83	-1020.35	34.00	290.00	0.50	14.00	241.47	3.08	379.25	1001.21	0.29	0.12
206	9.99	36	SLE Q	3	1	220.50	-969.83	34.00	290.00	0.50	14.00	241.47	3.08	379.25	951.64	0.28	0.11
209	9.99	35	SLE F	3	1	220.50	-1020.35	34.00	290.00	0.50	14.00	241.47	3.08	379.25	1001.21	0.29	0.12
234	9.99	36	SLE Q	4	1	0.00	-969.92	34.00	290.00	0.50	14.00	241.47	3.08	379.25	951.74	0.28	0.11
237	9.99	35	SLE F	4	1	0.00	-1018.53	34.00	290.00	0.50	14.00	241.47	3.08	379.25	999.43	0.29	0.12
268	12.07	36	SLE Q	4	1	208.00	169.58	34.00	290.00	0.50	14.00	241.47	3.08	379.25	166.40	0.05	0.02
273	12.07	43	SLE F	4	1	208.00	169.58	34.00	290.00	0.50	14.00	241.47	3.08	379.25	166.40	0.05	0.02
298	12.32	36	SLE Q	5	1	12.50	241.00	34.00	290.00	0.50	14.00	241.47	3.08	379.25	236.48	0.07	0.03
301	12.32	35	SLE F	5	1	12.50	291.51	34.00	290.00	0.50	14.00	241.47	3.08	379.25	286.05	0.08	0.03
336	15.25	36	SLE Q	5	1	305.00	118.00	34.00	290.00	0.50	14.00	241.47	3.08	379.25	115.79	0.03	0.01
343	15.25	39	SLE F	5	1	305.00	-138.63	34.00	290.00	0.50	14.00	241.47	3.08	379.25	136.03	0.04	0.02
373	15.57	36	SLE Q	5	1	337.50	-98.05	34.00	290.00	0.50	14.00	241.47	3.08	379.25	96.21	0.03	0.01
381	15.57	39	SLE F	5	1	337.50	-138.63	34.00	290.00	0.50	14.00	241.47	3.08	379.25	136.03	0.04	0.02
408	15.82	36	SLE Q	6	1	12.50	-187.30	34.00	290.00	0.50	14.00	241.47	3.08	379.25	183.79	0.05	0.02
414	15.82	43	SLE F	6	1	12.50	-187.30	34.00	290.00	0.50	14.00	241.47	3.08	379.25	183.79	0.05	0.02
438	19.55	36	SLE Q	6	1	385.42	-327.77	34.00	290.00	0.50	14.00	241.47	3.08	379.25	321.63	0.09	0.04
441	19.55	35	SLE F	6	1	385.42	-542.52	34.00	290.00	0.50	14.00	241.47	3.08	379.25	532.35	0.16	0.06
467	19.86	36	SLE Q	6	1	416.50	-327.77	34.00	290.00	0.50	14.00	241.47	3.08	379.25	321.63	0.09	0.04
470	19.86	35	SLE F	6	1	416.50	-542.52	34.00	290.00	0.50	14.00	241.47	3.08	379.25	532.35	0.16	0.06

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
7 SLV	0.12	0.53	0.40	ø8/16 2 br.	6.28	0.37	1073.89	2.50	19859.70	33930.10	19859.70	18.493
7 SLV	0.53	3.77	3.24	ø8/16 2 br.	6.28	0.37	904.48	2.50	19859.70	33930.10	19859.70	21.957
19 SLV	3.77	4.17	0.40	ø8/16 2 br.	6.28	0.37	913.08	2.50	19859.70	33930.10	19859.70	21.750
7 SLV	4.42	4.82	0.40	ø8/16 2 br.	6.28	0.37	805.55	2.50	19859.70	33930.10	19859.70	24.653
5 SLV	4.82	7.26	2.45	ø8/16 2 br.	6.28	0.37	661.12	2.50	19859.70	33930.10	19859.70	30.039
19 SLV	7.26	7.67	0.40	ø8/16 2 br.	6.28	0.37	622.55	2.50	19859.70	33930.10	19859.70	31.900
41 SLU	7.92	8.31	0.40	ø8/16 2 br.	6.28	0.37	921.91	2.50	19859.70	33930.10	19859.70	21.542
41 SLU	8.31	9.60	1.28	ø8/16 2 br.	6.28	0.37	1353.11	2.50	19859.70	33930.10	19859.70	14.677
41 SLU	9.60	9.99	0.40	ø8/16 2 br.	6.28	0.37	1511.53	2.50	19859.70	33930.10	19859.70	13.139
41 SLU	9.99	10.39	0.40	ø8/16 2 br.	6.28	0.37	1304.01	2.50	19859.70	33930.10	19859.70	15.230
41 SLU	10.39	11.68	1.28	ø8/16 2 br.	6.28	0.37	1144.32	2.50	19859.70	33930.10	19859.70	17.355
41 SLU	11.68	12.07	0.40	ø8/16 2 br.	6.28	0.37	696.98	2.50	19859.70	33930.10	19859.70	28.494
7 SLV	12.32	12.72	0.40	ø8/16 2 br.	6.28	0.37	621.65	2.50	19859.70	33930.10	19859.70	31.947
17 SLV	12.72	15.18	2.45	ø8/16 2 br.	6.28	0.37	662.48	2.50	19859.70	33930.10	19859.70	29.978
19 SLV	15.18	15.57	0.40	ø8/16 2 br.	6.28	0.37	805.77	2.50	19859.70	33930.10	19859.70	24.647
7 SLV	15.82	16.23	0.40	ø8/16 2 br.	6.28	0.37	913.61	2.50	19859.70	33930.10	19859.70	21.738
37 SLU	16.23	19.46	3.24	ø8/16 2 br.	6.28	0.37	926.55	2.50	19859.70	33930.10	19859.70	21.434
19 SLV	19.46	19.86	0.40	ø8/16 2 br.	6.28	0.37	1073.12	2.50	19859.70	33930.10	19859.70	18.506

Travate n. 507 519

507 (a) Nodi: 1 7 13 19 25 31

519 (b) Nodi: 6 12 18 24 30 36

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cl _s	F _{ck} <daN/cm ² >	F _{ctk} <daN/cm ² >	F _{cd} <daN/cm ² >	F _{ctd} <daN/cm ² >	Tp	F _{yk} <daN/cm ² >	F _{yd} <daN/cm ² >
1R		37.00	40.00	4.10	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	In	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	MRdy <daNm>	Sic.
0.17	41	SLU	b	1	17.50	4.02	3.08	4.02	3.08	-2162.18	-5470.03	2.530
6.17	33	SLU	b	1	617.50	3.08	3.08	3.08	3.08	245.39	4279.86	17.441
6.53	41	SLU	a	2	17.50	3.08	3.08	3.08	3.08	2232.09	4279.86	1.917
10.01	41	SLU	a	2	365.83	3.08	3.08	3.08	3.08	-1302.37	-4279.86	3.286
10.32	41	SLU	a	2	397.50	3.08	3.08	3.08	3.08	-1302.37	-4279.86	3.286
10.57	41	SLU	b	3	12.50	3.08	3.08	3.08	3.08	-1097.93	-4279.86	3.898
14.43	37	SLU	a	3	397.50	3.08	3.08	3.08	3.08	-191.28	-4279.86	22.375
14.68	37	SLU	b	4	12.50	3.08	3.08	3.08	3.08	-283.63	-4279.86	15.089
20.32	37	SLU	a	4	577.50	3.08	3.08	3.08	3.08	-287.26	-4279.86	14.899
20.57	37	SLU	b	5	12.50	3.08	3.08	3.08	3.08	-238.02	-4279.86	17.981
25.91	41	SLU	a	5	546.11	3.08	3.08	3.08	3.08	-837.85	-4279.86	5.108
26.23	41	SLU	a	5	577.50	3.08	3.08	3.08	3.08	-837.85	-4279.86	5.108

Stato limite elastico - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	In	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	M'ydy <daNm>	Sic.
0.17	13	SLV(E)	a	1	17.50	4.02	3.08	4.02	3.08	-4197.33	-5166.56	1.231
6.17	27	SLV(E)	a	1	617.50	3.08	3.08	3.08	3.08	-1894.51	-3992.68	2.107
6.53	27	SLV(E)	a	2	17.50	3.08	3.08	3.08	3.08	2982.92	3992.68	1.339
10.01	27	SLV(E)	a	2	365.83	3.08	3.08	3.08	3.08	-2009.18	-3992.68	1.987
10.32	27	SLV(E)	a	2	397.50	3.08	3.08	3.08	3.08	-2009.18	-3992.68	1.987
10.57	13	SLV(E)	a	3	12.50	3.08	3.08	3.08	3.08	-1530.38	-3992.68	2.609
14.43	27	SLV(E)	a	3	397.50	3.08	3.08	3.08	3.08	-1084.53	-3992.68	3.682
14.68	13	SLV(E)	a	4	12.50	3.08	3.08	3.08	3.08	-1123.67	-3992.68	3.553
20.32	25	SLV(E)	a	4	577.50	3.08	3.08	3.08	3.08	-1116.77	-3992.68	3.575
20.57	13	SLV(E)	a	5	12.50	3.08	3.08	3.08	3.08	-1218.03	-3992.68	3.278
25.91	9	SLV(E)	b	5	546.11	3.08	3.08	3.08	3.08	-1910.72	-3992.68	2.090
26.23	9	SLV(E)	b	5	577.50	3.08	3.08	3.08	3.08	-1910.72	-3992.68	2.090

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	In	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ _e sup <daN/cm ² >	σ _e inf <daN/cm ² >	σ _c <daN/cm ² >
0.17	42	SLE R	b	1	17.50	4.02	3.08	-1441.46	1092.10	-187.76	23.52
0.17	36	SLE Q	a	1	17.50	4.02	3.08	-1255.16	950.95	-163.49	20.48
6.17	42	SLE R	b	1	617.50	3.08	3.08	161.82	-20.93	158.79	2.94
6.17	36	SLE Q	b	1	617.50	3.08	3.08	-21.53	21.12	-2.78	0.39
6.53	42	SLE R	a	2	17.50	3.08	3.08	1488.06	-192.46	1460.15	27.04
6.53	36	SLE Q	b	2	17.50	3.08	3.08	1183.01	-153.01	1160.82	21.49
10.01	42	SLE R	a	2	365.83	3.08	3.08	-868.25	851.97	-112.30	15.77
10.01	36	SLE Q	b	2	365.83	3.08	3.08	-832.16	816.56	-107.63	15.12
10.32	42	SLE R	a	2	397.50	3.08	3.08	-868.25	851.97	-112.30	15.77
10.32	36	SLE Q	b	2	397.50	3.08	3.08	-832.16	816.56	-107.63	15.12
10.57	38	SLE R	b	3	12.50	3.08	3.08	-737.35	723.52	-95.37	13.40
10.57	36	SLE Q	a	3	12.50	3.08	3.08	-699.81	686.69	-90.51	12.71
14.43	38	SLE R	a	3	397.50	3.08	3.08	-153.93	151.05	-19.91	2.80
14.43	36	SLE Q	b	3	397.50	3.08	3.08	-184.73	181.27	-23.89	3.36
14.68	38	SLE R	b	4	12.50	3.08	3.08	-224.76	220.55	-29.07	4.08
14.68	36	SLE Q	a	4	12.50	3.08	3.08	-257.47	252.64	-33.30	4.68
20.32	38	SLE R	a	4	577.50	3.08	3.08	-233.08	228.71	-30.15	4.23
20.32	36	SLE Q	b	4	577.50	3.08	3.08	-311.52	305.68	-40.29	5.66
20.57	38	SLE R	b	5	12.50	3.08	3.08	-197.42	193.72	-25.53	3.59
20.57	36	SLE Q	a	5	12.50	3.08	3.08	-272.86	267.74	-35.29	4.96
25.91	42	SLE R	a	5	546.11	3.08	3.08	-558.57	548.09	-72.24	10.15
25.91	36	SLE Q	b	5	546.11	3.08	3.08	-407.54	399.90	-52.71	7.40
26.23	42	SLE R	a	5	577.50	3.08	3.08	-558.57	548.09	-72.24	10.15
26.23	36	SLE Q	b	5	577.50	3.08	3.08	-407.54	399.90	-52.71	7.40

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Xg <m>	CC	TCC	In	El	Sez.	X <cm>	My <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm ² >	ε _{sm}	Wk <mm>
45	0.17	36	SLE Q	a	1	1	17.50	-1255.16	33.00	288.00	0.50	16.00	234.26	4.02	379.25	950.95	0.28	0.11
54	0.17	35	SLE F	b	1	1	17.50	-1280.20	33.00	288.00	0.50	16.00	234.26	4.02	379.25	969.92	0.28	0.11
104	6.17	36	SLE Q	b	1	1	617.50	-21.53	34.00	290.00	0.50	14.00	241.47	3.08	379.25	21.12	0.01	0.00
108	6.17	39	SLE F	a	1	1	617.50	-29.72	34.00	290.00	0.50	14.00	241.47	3.08	379.25	29.16	0.01	0.00
161	6.53	36	SLE Q	b	2	1	17.50	1183.01	34.00	290.00	0.50	14.00	241.47	3.08	379.25	1160.82	0.34	0.14
164	6.53	35	SLE F	a	2	1	17.50	1239.43	34.00	290.00	0.50	14.00	241.47	3.08	379.25	1216.19	0.35	0.15
217	10.01	36	SLE Q	b	2	1	365.83	-832.16	34.00	290.00	0.50	14.00	241.47	3.08	379.25	816.56	0.24	0.10
220	10.01	35	SLE F	a	2	1	365.83	-839.97	34.00	290.00	0.50	14.00	241.47	3.08	379.25	824.22	0.24	0.10
273	10.32	36	SLE Q	b	2	1	397.50	-832.16	34.00	290.00	0.50	14.00	241.47	3.08	379.25	816.56	0.24	0.10
276	10.32	35	SLE F	a	2	1	397.50	-839.97	34.00	290.00	0.50	14.00	241.47	3.08	379.25	824.22	0.24	0.10
328	10.57	36	SLE Q	a	3	1	12.50	-699.81	34.00	290.00	0.50	14.00	241.47	3.08	379.25	686.69	0.20	0.08
337	10.57	35	SLE F	b	3	1	12.50	-707.61	34.00	290.00	0.50	14.00	241.47	3.08	379.25	694.35	0.20	0.08
389	14.43	36	SLE Q	b	3	1	397.50	-184.73	34.00	290.00	0.50	14.00	241.47	3.08	379.25	181.27	0.05	0.02
393	14.43	39	SLE F	a	3	1	397.50	-190.08	34.00	290.00	0.50	14.00	241.47	3.08	379.25	186.52	0.05	0.02

446	14.68	36	SLE Q	a	4	1	12.50	-257.47	34.00	290.00	0.50	14.00	241.47	3.08	379.25	252.64	0.07	0.03
456	14.68	39	SLE F	b	4	1	12.50	-261.06	34.00	290.00	0.50	14.00	241.47	3.08	379.25	256.17	0.07	0.03
509	20.32	36	SLE Q	b	4	1	577.50	-311.52	34.00	290.00	0.50	14.00	241.47	3.08	379.25	305.68	0.09	0.04
513	20.32	39	SLE F	a	4	1	577.50	-315.95	34.00	290.00	0.50	14.00	241.47	3.08	379.25	310.03	0.09	0.04
573	20.57	36	SLE Q	a	5	1	12.50	-272.86	34.00	290.00	0.50	14.00	241.47	3.08	379.25	267.74	0.08	0.03
583	20.57	39	SLE F	b	5	1	12.50	-277.91	34.00	290.00	0.50	14.00	241.47	3.08	379.25	272.70	0.08	0.03
636	25.91	36	SLE Q	b	5	1	546.11	-407.54	34.00	290.00	0.50	14.00	241.47	3.08	379.25	399.90	0.12	0.05
639	25.91	35	SLE F	a	5	1	546.11	-438.83	34.00	290.00	0.50	14.00	241.47	3.08	379.25	430.61	0.13	0.05
696	26.23	36	SLE Q	b	5	1	577.50	-407.54	34.00	290.00	0.50	14.00	241.47	3.08	379.25	399.90	0.12	0.05
699	26.23	35	SLE F	a	5	1	577.50	-438.83	34.00	290.00	0.50	14.00	241.47	3.08	379.25	430.61	0.13	0.05

Stato limite ultimo - Verifiche a taglio

CC	X0 <m>	X1 <m>	Lung. <m>	In	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctg0	VRsd <daN>	VRcd <daN>	Vrdu <daN>	Sic.
13 SLV	0.17	0.57	0.40	a	ø8/16 2 br.	6.28	0.37	1400.81	2.50	19859.70	33930.10	19859.70	14.177
13 SLV	0.57	5.78	5.20	a	ø8/16 2 br.	6.28	0.37	1254.76	2.50	19859.70	33930.10	19859.70	15.828
15 SLV	5.78	6.17	0.40	a	ø8/16 2 br.	6.28	0.37	728.71	2.50	19859.70	33930.10	19859.70	27.253
27 SLV	6.53	6.92	0.40	a	ø8/16 2 br.	6.28	0.37	1383.41	2.50	19859.70	33930.10	19859.70	14.356
27 SLV	6.92	9.93	3.00	a	ø8/16 2 br.	6.28	0.37	1225.80	2.50	19859.70	33930.10	19859.70	16.201
27 SLV	9.93	10.32	0.40	a	ø8/16 2 br.	6.28	0.37	1339.71	2.50	19859.70	33930.10	19859.70	14.824
13 SLV	10.57	10.97	0.40	a	ø8/16 2 br.	6.28	0.37	950.48	2.50	19859.70	33930.10	19859.70	20.894
13 SLV	10.97	14.03	3.05	a	ø8/16 2 br.	6.28	0.37	781.97	2.50	19859.70	33930.10	19859.70	25.397
25 SLV	14.03	14.43	0.40	a	ø8/16 2 br.	6.28	0.37	618.31	2.50	19859.70	33930.10	19859.70	32.119
13 SLV	14.68	15.07	0.40	a	ø8/16 2 br.	6.28	0.37	708.20	2.50	19859.70	33930.10	19859.70	28.042
13 SLV	15.07	19.93	4.85	a	ø8/16 2 br.	6.28	0.37	568.79	2.50	19859.70	33930.10	19859.70	34.916
25 SLV	19.93	20.32	0.40	a	ø8/16 2 br.	6.28	0.37	657.01	2.50	19859.70	33930.10	19859.70	30.227
13 SLV	20.57	20.98	0.40	a	ø8/16 2 br.	6.28	0.37	726.23	2.50	19859.70	33930.10	19859.70	27.346
25 SLV	20.98	25.82	4.85	a	ø8/16 2 br.	6.28	0.37	812.76	2.50	19859.70	33930.10	19859.70	24.435
25 SLV	25.82	26.23	0.40	a	ø8/16 2 br.	6.28	0.37	982.35	2.50	19859.70	33930.10	19859.70	20.216

Verifiche e armature pilastri

Simbologia

Δ_{sm}	= Distanza media tra le fessure
E_{sy}	= Deformazione di snervamento dell'acciaio
Φ_{eq}	= Diametro equivalente delle barre
α	= Angolo asse neutro a rottura
α_e	= Coefficiente di efficacia del confinamento
ε_y	= Deformazione nell'acciaio (*1000)
ε_{sm}	= Deformazione unitaria media dell'armatura (*1000)
$\mu\Phi_{cy}$	= Capacità in duttilità di curvatura in dir. Y locale
$\mu\Phi_{cz}$	= Capacità in duttilità di curvatura in dir. Z locale
μ_{EdY}	= Domanda in duttilità di curvatura in dir. Y locale
μ_{EdZ}	= Domanda in duttilità di curvatura in dir. Z locale
v_d	= Forza assiale adimensionalizzata di progetto (%)
vd_s	= Sforzo normale normalizzato del pilastro superiore (%)
vd_i	= Sforzo normale normalizzato del pilastro inferiore (%)
σ_c	= Tensione nel calcestruzzo
σ_f	= Tensione nel ferro
σ_s	= Tensione nell'acciaio nella sezione fessurata
ω_{nd}	= Rapporto meccanico dell'armatura trasversale di confinamento all'interno della zona dissipativa
$A_{c\ eff}$	= Area di calcestruzzo efficace
A_s	= Area complessiva dei ferri nell'area di calcestruzzo efficace
A_{fC}	= Area di ferro compressa
A_{fT}	= Area di ferro tesa
A_{fni}	= Azione di fessurazione sul nodo integro [7.4.10]
$As1$	= Area di ferro superiore delle travi incidenti sulla faccia
$As2$	= Area di ferro inferiore delle travi incidenti sulla faccia
A_{sh}	= Area totale della sezione della staffa
B	= Base
B_j	= Larghezza effettiva utile del nodo
Br_y	= Numero bracci in dir. Y locale
Br_z	= Numero bracci in dir. Z locale
$Br.$	= Numero bracci
CC	= Numero della combinazione delle condizioni di carico elementari
C_f	= Copriferro
Cl_s	= Tipo di calcestruzzo
$Conf.$	= Nodo confinato
	S = Si
	N = No
El	= Elemento (asta) in cui viene effettuato il progetto/verifica (progressivo sul numero di aste)
F	= Identificativo faccia del nodo
	Y+ = Faccia sul lato positivo Y locale pilastro
	Z+ = Faccia sul lato positivo Z locale pilastro
	Y- = Faccia sul lato negativo Y locale pilastro
	Z- = Faccia sul lato negativo Z locale pilastro
F_{cd}	= Resistenza di calcolo a compressione del calcestruzzo
F_{ck}	= Resistenza caratteristica cilindrica a compressione del calcestruzzo
F_{ctd}	= Resistenza di calcolo a trazione del calcestruzzo
F_{ctk}	= Resistenza caratteristica a trazione del calcestruzzo
F_{yd}	= Resistenza di calcolo dell'acciaio
F_{yk}	= Tensione caratteristica di snervamento dell'acciaio
H	= Altezza
H_{jc}	= Distanza tra armature pilastro
H_{jw}	= Distanza tra armature trave

K₂ = Coefficiente per distribuzione deformazioni
 MRdy = Momento resistente allo stato limite ultimo intorno all'asse Y
 MRdz = Momento resistente allo stato limite ultimo intorno all'asse Z
 Mod. = Modalità di verifica faccia
 I = Interna
 E = Esterna
 My = Momento flettente intorno all'asse Y
 My ver. = Momento flettente di verifica intorno all'asse Y
 Mz = Momento flettente intorno all'asse Z
 Mz ver. = Momento flettente di verifica intorno all'asse Z
 N = Sforzo normale
 Nodo = Numero del nodo
 Nu = Sforzo normale ultimo
 Rfni = Resistenza a fessurazione nodo integro [7.4.10]
 Sez. = Numero della sezione
 Sic. = Sicurezza
 Staff. = Staffatura adottata
 TCC = Tipo di combinazione di carico
 SLU = Stato limite ultimo
 SLE R = Stato limite d'esercizio, combinazione rara
 SLE F = Stato limite d'esercizio, combinazione frequente
 SLE Q = Stato limite d'esercizio, combinazione quasi permanente
 SLD = Stato limite di danno
 SLV = Stato limite di salvaguardia della vita
 SND = Stato limite di salvaguardia della vita (non dissipativo)
 Tipo = Tipologia
 R = Rettangolare
 Tp = Tipo di acciaio
 VRcd_y = Taglio ultimo lato calcestruzzo in dir. Y
 VRcd_z = Taglio ultimo lato calcestruzzo in dir. Z
 VRsd_y = Taglio ultimo lato armatura in dir. Y
 VRsd_z = Taglio ultimo lato armatura in dir. Z
 Vc = Taglio nel pilastro al di sopra del nodo
 VjbR = Resistenza a compressione del nucleo di calcestruzzo [7.4.8]
 Vjbd = Taglio agente nel nucleo di calcestruzzo [7.4.6/7]
 VjwR = Resistenza a trazione diagonale [7.4.11/12]
 Vjwd = Azione agente di trazione diagonale [7.4.11/12]
 Vrd_y = Taglio resistente in dir. Y
 Vrd_z = Taglio resistente in dir. Z
 Vsdu_y = Taglio agente in dir. Y
 Vsdu_z = Taglio agente in dir. Z
 Wk = Ampiezza caratteristica delle fessure
 X = Coordinata progressiva rispetto al nodo iniziale
 X0 = Coordinata progressiva (dal nodo iniziale) dell'inizio del tratto
 X1 = Coordinata progressiva (dal nodo iniziale) della fine del tratto
 Xg = Coordinata progressiva (dal primo nodo) in cui viene effettuato il progetto/verifica
 b_c/b₀ = Rapporto tra la larghezza minima della sezione trasversale lorda e la larghezza del nucleo confinato
 bw_y = Larghezza membratura resistente al taglio in dir. Y
 bw_z = Larghezza membratura resistente al taglio in dir. Z
 c = Ricoprimento dell'armatura
 ctgθ_y = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo in dir. Y
 ctgθ_z = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo in dir. Z
 d_y = Altezza utile per resistenza al taglio in dir. Y
 d_z = Altezza utile per resistenza al taglio in dir. Z
 s = Distanza massima tra le barre

Pilastrata n. 1

Nodi: 1 101

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	F _{ck} <daN/cm ² >	F _{ctk} <daN/cm ² >	F _{cd} <daN/cm ² >	F _{ctd} <daN/cm ² >	Tp	F _{yk} <daN/cm ² >	F _{yd} <daN/cm ² >
4R		40.00	25.00	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Stato limite ultimo					Verifica a flessione pressoflessione											
Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.17	21	SLV	1	4	17.00	-5833.24	2444.74	2444.74	758.47	758.47	-5833.24	4930.31	1510.92	4.22	9.25	2.014
0.17	21	SLV	1	4	17.00	-5833.24	2444.74	2444.74	758.47	758.47	-5833.24	4930.31	1510.92	4.22	9.25	2.014
3.06	41	SLU	1	4	305.50	-7946.04	-214.54	-214.54	6424.46	6424.46	-7946.04	-420.38	8919.47	95.62	10.31	1.389

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _s <daN/cmq>
0.1738	SLE R	1	4	17.00	-5638.69	-627.87	-605.67	6.03	6.03	32.63	349.59	
0.1736	SLE Q	1	4	17.00	-5479.15	-641.59	195.69	4.02	8.04	18.74	223.59	
0.1738	SLE R	1	4	17.00	-5638.69	-627.87	-605.67	6.03	6.03	32.63	349.59	
0.1736	SLE Q	1	4	17.00	-5479.15	-641.59	195.69	4.02	8.04	18.74	223.59	
3.0642	SLE R	1	4	305.50	-5297.36	4282.97	-143.03	8.04	4.02	94.07	2416.78	
3.0636	SLE Q	1	4	305.50	-4757.90	3785.67	-274.96	8.04	4.02	89.40	2195.92	

Stato limite d'esercizio - Verifiche a fessurazione

Stato limite d'esercizio - verifica a lettura zero																		
Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
0.1736	SLE Q	1	4	17.00	-5479.15	195.69	-641.59	34.00	166.00	0.50	16.00	96.87	2.01	36.28	116.40	0.03	0.01	
0.1743	SLE F	1	4	17.00	-5479.15	195.69	-641.59	34.00	166.00	0.50	16.00	96.87	2.01	36.28	116.40	0.03	0.01	
0.1736	SLE Q	1	4	17.00	-5479.15	195.69	-641.59	34.00	166.00	0.50	16.00	96.87	2.01	36.28	116.40	0.03	0.01	
0.1743	SLE F	1	4	17.00	-5479.15	195.69	-641.59	34.00	166.00	0.50	16.00	96.87	2.01	36.28	116.40	0.03	0.01	
3.0636	SLE Q	1	4	305.50	-4757.90	-274.96	3785.67	34.00	166.00	0.50	16.00	145.09	4.02	193.74	2195.92	0.77	0.19	
3.0635	SLE F	1	4	305.50	-4843.60	-228.06	3869.89	34.00	166.00	0.50	16.00	147.52	4.02	199.85	2222.57	0.65	0.16	

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	bw _y	d _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	Vrd _y	bw _z	d _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.17	0.65	ø8/12	2	237	SLU	0.25	0.36	2200.08	1.00	10503.30	34506.70	10503.30	0.40	0.21	1361.43	1.00	6077.75	31947.70	6077.75	4.464	
0.17	0.65	ø8/12	2	241	SLU	0.25	0.36	2576.24	1.00	10503.30	34772.30	10503.30	0.40	0.21	695.36	1.00	6077.75	32193.70	6077.75	4.077	
0.17	0.65	ø8/12	2	221	SLV	0.25	0.36	718.48	1.00	10503.30	34132.60	10503.30	0.40	0.21	1408.27	1.00	6077.75	31601.40	6077.75	4.316	
0.17	0.65	ø8/12	2	213	SLV	0.25	0.36	3174.07	1.00	10503.30	34153.20	10503.30	0.40	0.21	303.06	1.00	6077.75	31620.50	6077.75	3.309	
0.65	2.57	ø8/18	2	237	SLU	0.25	0.36	2200.08	1.00	7002.20	34475.40	7002.20	0.40	0.21	1015.23	1.00	4051.84	31918.80	4051.84	3.183	
0.65	2.57	ø8/18	2	241	SLU	0.25	0.36	2576.24	1.00	7002.20	34736.20	7002.20	0.40	0.21	487.64	1.00	4051.84	32160.30	4051.84	2.718	
0.65	2.57	ø8/18	2	221	SLV	0.25	0.36	718.48	1.00	7002.20	34108.50	7002.20	0.40	0.21	1408.27	1.00	4051.84	31579.10	4051.84	2.877	
0.65	2.57	ø8/18	2	213	SLV	0.25	0.36	3174.07	1.00	7002.20	34129.10	7002.20	0.40	0.21	303.06	1.00	4051.84	31598.20	4051.84	2.206	
2.57	3.06	ø8/12	2	237	SLU	0.25	0.36	2200.08	1.00	10503.30	34350.20	10503.30	0.40	0.21	715.77	1.00	6077.75	31802.90	6077.75	4.774	
2.57	3.06	ø8/12	2	241	SLU	0.25	0.36	2576.24	1.00	10503.30	34591.80	10503.30	0.40	0.21	550.97	1.00	6077.75	32026.60	6077.75	4.077	
2.57	3.06	ø8/12	2	221	SLV	0.25	0.36	718.48	1.00	10503.30	34012.20	10503.30	0.40	0.21	1408.27	1.00	6077.75	31490.00	6077.75	4.316	
2.57	3.06	ø8/12	2	213	SLV	0.25	0.36	3174.07	1.00	10503.30	34032.90	10503.30	0.40	0.21	303.06	1.00	6077.75	31509.10	6077.75	3.309	

Dettagli costruttivi per la duttilità

- CC=15 Da=0.17 A=0.65083 Dir. Y α_e=0.19466 ω_{rd}=0.16195 μΦ_d=16.2415 v_d=3.806 E_{sy,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=23.5577 0.03152 >= 0.01086 [7.4.29]
- CC=15 Da=0.17 A=0.65083 Dir. Z α_e=0.19466 ω_{rd}=0.16195 μΦ_d=16.2415 v_d=3.806 E_{sy,d}=0.0018995 b_c/b₀=1.16959 μΦ_c=26.2263 0.03152 >= 0.0062 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
101	N	ø10/ 6	Y+	E	2	5.56	5.09	0.25	0.31	0.27	9.42
			Z-	E	2	4.02	4.02	0.38	0.16	0.17	6.28

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
101	Y+	1	SLV	0.00	23934.80	0.00	2.45	54820.00	570391.00	550441.00	21476.70	36879.60
		25	SLV	0.00	23934.80	0.00	2.41	54820.00	570391.00	550441.00	21483.60	36879.60
	Z-	1	SLV	0.00	17308.80	0.00	2.45	42948.10	466425.00	390260.00	16969.20	24586.40
		25	SLV	0.00	17308.80	0.00	2.41	42948.10	466425.00	390260.00	16974.70	24586.40

Pilastrata n. 2

Nodi: 2 302

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
4R		40.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.17	21(e)	SLV	1	4	17.00	-9395.41	3350.39	3350.39	-39.20	-187.91	-9395.41	6622.37	-478.59	359.12	8.93	1.979
0.17	21(e)	SLV	1	4	17.00	-9395.41	3350.39	3350.39	-39.20	-187.91	-9395.41	6622.37	-478.59	359.12	8.93	1.979
3.06	41	SLU	1	4	305.50	-14628.00	381.06	381.06	12418.30	12418.30	-14628.00	413.99	12481.10	84.38	8.09	1.005

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm ² >	σ _f <daN/cm ² >	
0.17	38	SLE	R	1	4	17.00	-9795.21	-343.48	-598.14	5.15	11.44	23.82	279.33
0.17	36	SLE	Q	1	4	17.00	-9427.18	-338.25	127.31	0.00	16.59	13.64	179.95
0.17	38	SLE	R	1	4	17.00	-9795.21	-343.48	-598.14	5.15	11.44	23.82	279.33
0.17	36	SLE	Q	1	4	17.00	-9427.18	-338.25	127.31	0.00	16.59	13.64	179.95
3.06	42	SLE	R	1	4	305.50	-9751.98	8278.85	254.04	10.30	6.28	148.09	3289.30
3.06	36	SLE	Q	1	4	305.50	-8705.93	7300.57	-45.03	10.30	6.28	124.25	2830.82

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
3.06	36	SLE Q	1	4	305.50	-8705.93	-45.03	7300.57	34.00	162.00	0.50	20.00	135.80	6.28	213.00	2830.82	1.15	0.27
3.06	35	SLE F	1	4	305.50	-8879.57	56.57	7471.09	34.00	162.00	0.50	20.00	135.59	6.28	212.35	2902.38	1.08	0.25

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff	Br _y	Br _z	CC	TCC	bw _y	d _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	Vrd _y	bw _z	d _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.17	0.65	ø8/10	2	237	SLU	0.25	0.36	3912.39	1.00	12604.00	35675.40	12604.00	0.40	0.21	557.23	1.00	7293.30	33029.80	7293.30	3.222	
0.17	0.65	ø8/10	2	241	SLU	0.25	0.36	4497.26	1.00	12604.00	36110.40	12604.00	0.40	0.21	282.97	1.00	7293.30	33432.50	7293.30	2.803	
0.17	0.65	ø8/10	2	221	SLV	0.25	0.36	2337.18	1.00	12604.00	34845.90	12604.00	0.40	0.21	2036.46	1.00	7293.30	32261.80	7293.30	3.581	
0.17	0.65	ø8/10	2	213	SLV	0.25	0.36	3424.95	1.00	12604.00	34954.20	12604.00	0.40	0.21	625.02	1.00	7293.30	32362.10	7293.30	3.680	
0.65	2.57	ø8/18	2	237	SLU	0.25	0.36	3912.40	1.00	7002.20	35644.10	7002.20	0.40	0.21	557.23	1.00	4051.84	33000.80	4051.84	1.790	
0.65	2.57	ø8/18	2	241	SLU	0.25	0.36	4497.27	1.00	7002.20	36074.30	7002.20	0.40	0.21	282.97	1.00	4051.84	33399.10	4051.84	1.557	
0.65	2.57	ø8/18	2	221	SLV	0.25	0.36	2337.18	1.00	7002.20	34821.80	7002.20	0.40	0.21	2036.46	1.00	4051.84	32239.60	4051.84	1.990	
0.65	2.57	ø8/18	2	213	SLV	0.25	0.36	3424.95	1.00	7002.20	34930.10	7002.20	0.40	0.21	625.02	1.00	4051.84	32339.80	4051.84	2.044	
2.57	3.06	ø8/12	2	237	SLU	0.25	0.36	3912.40	1.00	10503.30	35518.90	10503.30	0.40	0.21	557.23	1.00	6077.75	32884.90	6077.75	2.685	
2.57	3.06	ø8/12	2	241	SLU	0.25	0.36	4497.27	1.00	10503.30	35929.80	10503.30	0.40	0.21	282.97	1.00	6077.75	33265.40	6077.75	2.335	
2.57	3.06	ø8/12	2	221	SLV	0.25	0.36	2337.18	1.00	10503.30	34725.60	10503.30	0.40	0.21	2036.46	1.00	6077.75	32150.40	6077.75	2.984	
2.57	3.06	ø8/12	2	213	SLV	0.25	0.36	3424.95	1.00	10503.30	34833.90	10503.30	0.40	0.21	625.02	1.00	6077.75	32250.70	6077.75	3.067	

Dettagli costruttivi per la duttilità

- CC=15 Da=0.17 A=0.65083 Dir. Y α_e=0.22919 ω_{rd}=0.19434 μΦ_d=16.2415 v_d=6.088 E_{sy,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=17.6086 0.04454 >= 0.03837 [7.4.29]
- CC=15 Da=0.17 A=0.65083 Dir. Z α_e=0.22919 ω_{rd}=0.19434 μΦ_d=16.2415 v_d=6.088 E_{sy,d}=0.0018995 b_c/b₀=1.16959 μΦ_c=19.6033

0.04454 >= 0.0309 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
302	N	ø12/ 6	Y+	E	2	10.81	12.19	0.25	0.31	0.27	13.57
			Z+	I	2	4.02	4.02	0.38	0.16	0.17	9.05
			Z-	I	2	4.02	4.02	0.38	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
302	Y+	1	SLV	0.00	46517.40	0.00	5.11	53423.30	2662500.00	792636.00	50322.00	53106.60
		25	SLV	0.00	46517.40	0.00	4.93	53423.30	2662500.00	792636.00	50399.00	53106.60
	Z+	1	SLV	0.00	34617.60	0.00	5.11	51066.40	2514530.00	561974.00	34617.60	35404.40
	Z-	1	SLV	0.00	34617.60	0.00	5.11	51066.40	2514530.00	561974.00	34617.60	35404.40

Pilastrata n. 3

Nodi: 3 403

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	TP	Fyk <daN/cm²>	Fyd <daN/cm²>
4R		40.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.17	1(e)	SLV	1	4	17.00	-9682.63	-3198.86	-3198.86	-4.39	193.65	-9682.63	-7434.09	517.13	179.12	8.29	2.325
0.17	1(e)	SLV	1	4	17.00	-9682.63	-3198.86	-3198.86	-4.39	193.65	-9682.63	-7434.09	517.13	179.12	8.29	2.325
3.06	41	SLU	1	4	305.50	-15002.30	441.51	441.51	12588.50	12588.50	-15002.30	443.23	14064.60	84.38	7.81	1.117

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _f <daN/cm²>
0.17	38	SLE R	1	4	17.00	-10122.00	-103.69	-753.03	9.61	9.61	23.70	267.83
0.17	36	SLE Q	1	4	17.00	-9534.19	-104.05	-32.64	0.00	19.23	9.08	129.39
0.17	38	SLE R	1	4	17.00	-10122.00	-103.69	-753.03	9.61	9.61	23.70	267.83
0.17	36	SLE Q	1	4	17.00	-9534.19	-104.05	-32.64	0.00	19.23	9.08	129.39
3.06	42	SLE R	1	4	305.50	-10001.50	8392.35	294.34	11.62	7.60	138.60	2848.98
3.06	36	SLE Q	1	4	305.50	-8812.94	7392.02	-36.90	11.62	7.60	114.78	2437.51

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm²>	ε _{sm}	Wk <mm>
3.06	36	SLE Q	1	4	305.50	-8812.94	-36.90	7392.02	34.00	160.00	0.50	22.00	128.38	7.60	208.67	2437.51	1.00	0.22
3.06	35	SLE F	1	4	305.50	-9031.82	73.53	7568.44	34.00	160.00	0.50	22.00	127.66	7.60	206.18	2506.65	0.94	0.20

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _{y,z} <m>	d _{y,z} <m>	Vsdu _{y,z} <daN>	ctgθ _{y,z}	VRsd _{y,z} <daN>	VRcd _{y,z} <daN>	Vrd _{y,z} <daN>	bw _z <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.17	0.65	ø8/10	2	237	SLU	0.25	0.36	3851.71	1.00	12604.00	35770.70	12604.00	0.40	0.21	664.18	1.00	7293.30	33118.10	7293.30	3.272	
0.17	0.65	ø8/10	2	241	SLU	0.25	0.36	4420.43	1.00	12604.00	36185.30	12604.00	0.40	0.21	397.80	1.00	7293.30	33501.90	7293.30	2.851	
0.17	0.65	ø8/10	2	221	SLV	0.25	0.36	2380.28	1.00	12604.00	34781.50	12604.00	0.40	0.21	1934.14	1.00	7293.30	32202.20	7293.30	3.771	
0.17	0.65	ø8/10	2	213	SLV	0.25	0.36	3269.43	1.00	12604.00	34998.90	12604.00	0.40	0.21	647.53	1.00	7293.30	32403.50	7293.30	3.855	
0.65	2.57	ø8/18	2	237	SLU	0.25	0.36	3851.71	1.00	7002.20	35739.40	7002.20	0.40	0.21	664.18	1.00	4051.84	33089.10	4051.84	1.818	
0.65	2.57	ø8/18	2	241	SLU	0.25	0.36	4420.43	1.00	7002.20	36149.20	7002.20	0.40	0.21	397.80	1.00	4051.84	33468.50	4051.84	1.584	
0.65	2.57	ø8/18	2	221	SLV	0.25	0.36	2380.28	1.00	7002.20	34757.40	7002.20	0.40	0.21	1934.14	1.00	4051.84	32179.90	4051.84	2.095	
0.65	2.57	ø8/18	2	213	SLV	0.25	0.36	3269.43	1.00	7002.20	34974.90	7002.20	0.40	0.21	647.53	1.00	4051.84	32381.20	4051.84	2.142	
2.57	3.06	ø8/12	2	237	SLU	0.25	0.36	3851.71	1.00	10503.30	35614.30	10503.30	0.40	0.21	664.18	1.00	6077.75	32973.20	6077.75	2.727	
2.57	3.06	ø8/12	2	241	SLU	0.25	0.36	4420.43	1.00	10503.30	36004.80	10503.30	0.40	0.21	397.80	1.00	6077.75	33334.80	6077.75	2.376	
2.57	3.06	ø8/12	2	221	SLV	0.25	0.36	2380.28	1.00	10503.30	34661.20	10503.30	0.40	0.21	1934.14	1.00	6077.75	32090.80	6077.75	3.142	
2.57	3.06	ø8/12	2	213	SLV	0.25	0.36	3269.43	1.00	10503.30	34878.60	10503.30	0.40	0.21	647.53	1.00	6077.75	32292.10	6077.75	3.213	

Dettagli costruttivi per la duttilità

- CC=13 Da=0.17 A=0.65083 Dir. Y α_e=0.2353 ω_{ns}=0.19434 μΦ_d=16.2415 v_d=6.172 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=17.6282 0.04573 >= 0.03938 [7.4.29]
- CC=13 Da=0.17 A=0.65083 Dir. Z α_e=0.2353 ω_{ns}=0.19434 μΦ_d=16.2415 v_d=6.172 E_{sy,r,d}=0.0018995 b_c/b₀=1.16959 μΦ_c=19.6252 0.04573 >= 0.03181 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
403	N	ø12/ 6	Y+	E	2	10.81	12.19	0.25	0.30	0.27	13.57
			Z+	I	2	4.02	4.02	0.38	0.15	0.17	9.05
			Z-	I	2	4.02	4.02	0.38	0.15	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
403	Y+	1	SLV	0.00	46517.40	0.00	5.44	53074.10	2699400.00	792636.00	50182.40	53106.60
		27	SLV	0.00	46517.40	0.00	4.97	53074.10	2699400.00	792636.00	50379.70	53106.60
	Z+	1	SLV	0.00	34617.60	0.00	5.44	50411.70	2583720.00	561974.00	34617.60	35404.40
	Z-	1	SLV	0.00	34617.60	0.00	5.44	50411.70	2583720.00	561974.00	34617.60	35404.40

Pilastrata n. 4

Nodi: 4 404

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
4R		40.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _T	Sic.
0.17	1(e)	SLV	1	4	17.00	-8575.89	-3159.62	-3159.62	165.72	171.52	-8575.89	-6539.00	366.78	179.21	9.05	2.070
0.17	1(e)	SLV	1	4	17.00	-8575.89	-3159.62	-3159.62	165.72	171.52	-8575.89	-6539.00	366.78	179.21	9.05	2.070
3.06	41	SLU	1	4	305.50	-14115.30	579.85	579.85	11577.30	11577.30	-14115.30	768.45	12311.20	78.75	6.98	1.064

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _f <daN/cm²>
0.17	38	SLE R	1	4	17.00	-9469.10	16.13	-706.22	8.29	8.29	21.91	249.45
0.17	36	SLE Q	1	4	17.00	-9036.29	23.72	7.34	0.00	16.59	7.63	112.94
0.17	38	SLE R	1	4	17.00	-9469.10	16.13	-706.22	8.29	8.29	21.91	249.45
0.17	36	SLE Q	1	4	17.00	-9036.29	23.72	7.34	0.00	16.59	7.63	112.94
3.06	42	SLE R	1	4	305.50	-9410.21	7718.23	386.57	10.30	6.28	143.47	3101.33
3.06	36	SLE Q	1	4	305.50	-8315.04	6699.91	57.22	10.30	6.28	114.73	2584.03

Stato limite d'esercizio - Verifiche a fessurazione

Xg <cm>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm²>	ε _{sm}	W _k <mm>
3.06	36	SLE Q	1	4	305.50	-8315.04	57.22	6699.91	34.00	162.00	0.50	20.00	135.22	6.28	211.19	2584.03	1.03	0.24
3.06	35	SLE F	1	4	305.50	-8502.87	166.79	6882.36	34.00	162.00	0.50	20.00	132.75	6.28	203.42	2694.80	0.99	0.22

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	bw _y	d _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	Vrd _y	bw _z	d _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<cm>	<cm>	<daN>		<daN>	<daN>	<daN>	<cm>	<cm>	<daN>		<daN>	<daN>	<daN>	
0.17	0.65	ø8/10	2	237	SLU	0.25	0.36	3445.33	1.00	12604.00	35574.60	12604.00	0.40	0.21	676.27	1.00	7293.30	32936.50	7293.30	3.658	
0.17	0.65	ø8/10	2	241	SLU	0.25	0.36	4005.97	1.00	12604.00	36007.70	12604.00	0.40	0.21	417.35	1.00	7293.30	33337.50	7293.30	3.146	
0.17	0.65	ø8/10	2	23	SLV	0.25	0.36	2490.52	1.00	12604.00	34744.20	12604.00	0.40	0.21	1949.98	1.00	7293.30	32167.70	7293.30	3.740	
0.17	0.65	ø8/10	2	231	SLV	0.25	0.36	2985.19	1.00	12604.00	34899.10	12604.00	0.40	0.21	628.94	1.00	7293.30	32311.10	7293.30	4.222	
0.65	2.57	ø8/18	2	237	SLU	0.25	0.36	3445.33	1.00	7002.20	35543.40	7002.20	0.40	0.21	676.27	1.00	4051.84	32907.60	4051.84	2.032	
0.65	2.57	ø8/18	2	241	SLU	0.25	0.36	4005.97	1.00	7002.20	35971.60	7002.20	0.40	0.21	417.35	1.00	4051.84	33304.10	4051.84	1.748	
0.65	2.57	ø8/18	2	23	SLV	0.25	0.36	2490.52	1.00	7002.20	34720.10	7002.20	0.40	0.21	1949.98	1.00	4051.84	32145.40	4051.84	2.078	
0.65	2.57	ø8/18	2	231	SLV	0.25	0.36	2985.19	1.00	7002.20	34875.10	7002.20	0.40	0.21	628.94	1.00	4051.84	32288.80	4051.84	2.346	
2.57	3.06	ø8/12	2	237	SLU	0.25	0.36	3445.33	1.00	10503.30	35418.20	10503.30	0.40	0.21	676.27	1.00	6077.75	32791.70	6077.75	3.049	
2.57	3.06	ø8/12	2	241	SLU	0.25	0.36	4005.97	1.00	10503.30	35827.20	10503.30	0.40	0.21	417.35	1.00	6077.75	33170.30	6077.75	2.622	
2.57	3.06	ø8/12	2	23	SLV	0.25	0.36	2490.52	1.00	10503.30	34623.90	10503.30	0.40	0.21	1949.98	1.00	6077.75	32056.20	6077.75	3.117	
2.57	3.06	ø8/12	2	231	SLV	0.25	0.36	2985.19	1.00	10503.30	34778.80	10503.30	0.40	0.21	628.94	1.00	6077.75	32199.70	6077.75	3.518	

Dettagli costruttivi per la duttilità

- CC=31 Da=0.17 A=0.65083 Dir. Y α_e=0.22919 ω_{rd}=0.19434 μΦ_d=16.2415 v_d=5.869 E_{sy,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=18.2651 0.04454 >= 0.03573 [7.4.29]
- CC=31 Da=0.17 A=0.65083 Dir. Z α_e=0.22919 ω_{rd}=0.19434 μΦ_d=16.2415 v_d=5.869 E_{sy,d}=0.0018995 b_c/b₀=1.16959 μΦ_c=20.3342 0.04454 >= 0.02853 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
404N		ø12/ 6	Y+	E	2	10.81	12.19	0.25	0.31	0.27	13.57
			Z+	I	2	4.02	4.02	0.38	0.16	0.17	9.05
			Z-	I	2	4.02	4.02	0.38	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	Vjbr <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	Vjwr <daN>
404Y+	1	SLV	0.00	46517.40	0.00	4.77	53423.30	2662500.00	792636.00	50464.60	53106.60	
		9	SLV	0.00	46517.40	0.00	4.67	53423.30	2662500.00	792636.00	50506.50	53106.60
	Z+	1	SLV	0.00	34617.60	0.00	4.77	51066.40	2514530.00	561974.00	34617.60	35404.40
	Z-	1	SLV	0.00	34617.60	0.00	4.77	51066.40	2514530.00	561974.00	34617.60	35404.40

Pilastrata n. 5

Nodi: 5 305

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
4R		40.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _T	Sic.
0.17	1(e)	SLV	1	4	17.00	-9365.07	-3329.16	-3329.16	-67.29	187.30	-9365.07	-6619.91	478.71	179.12	8.93	1.991
0.17	1(e)	SLV	1	4	17.00	-9365.07	-3329.16	-3329.16	-67.29	187.30	-9365.07	-6619.91	478.71	179.12	8.93	1.991
3.06	41	SLU	1	4	305.50	-14785.50	543.79	543.79	12394.50	12394.50	-14785.50	755.18	12394.40	78.75	6.86	1.000

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _f <daN/cm²>
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0.17	38	SLE R	1	4	17.00	-9990.75	-397.23	-848.95	8.29	8.29	31.74	351.74
0.17	36	SLE Q	1	4	17.00	-9397.08	-366.46	-107.39	0.00	16.59	13.57	179.74
0.17	38	SLE R	1	4	17.00	-9990.75	-397.23	-848.95	8.29	8.29	31.74	351.74
0.17	36	SLE Q	1	4	17.00	-9397.08	-366.46	-107.39	0.00	16.59	13.57	179.74
3.06	42	SLE R	1	4	305.50	-9857.00	8262.98	362.52	10.30	6.28	151.72	3314.76
3.06	36	SLE Q	1	4	305.50	-8675.83	7243.62	28.08	10.30	6.28	122.70	2800.65

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	C <mm>	S <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
3.06	36	SLE Q	1	4	305.50	-8675.83	28.08	7243.62	34.00	162.00	0.50	20.00	136.14	6.28	214.08	2800.65	1.14	0.26
3.06	35	SLE F	1	4	305.50	-8894.56	137.63	7428.01	34.00	162.00	0.50	20.00	133.81	6.28	206.76	2910.38	1.09	0.25

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <m>	d _y <m>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.17	0.65	ø8/10	2	237	SLU	0.25	0.36	3947.46	1.00	12604.00	35734.20	12604.00	0.40	0.21	734.97	1.00	7293.30	33084.20	7293.30	3.193	
0.17	0.65	ø8/10	2	241	SLU	0.25	0.36	4511.46	1.00	12604.00	36141.90	12604.00	0.40	0.21	485.31	1.00	7293.30	33461.70	7293.30	2.794	
0.17	0.65	ø8/10	2	21	SLV	0.25	0.36	2327.20	1.00	12604.00	34839.80	12604.00	0.40	0.21	2022.98	1.00	7293.30	32256.20	7293.30	3.605	
0.17	0.65	ø8/10	2	231	SLV	0.25	0.36	3414.51	1.00	12604.00	34948.20	12604.00	0.40	0.21	634.76	1.00	7293.30	32356.50	7293.30	3.691	
0.65	2.57	ø8/18	2	237	SLU	0.25	0.36	3947.46	1.00	7002.20	35702.90	7002.20	0.40	0.21	734.97	1.00	4051.84	33055.30	4051.84	1.774	
0.65	2.57	ø8/18	2	241	SLU	0.25	0.36	4511.46	1.00	7002.20	36105.80	7002.20	0.40	0.21	485.31	1.00	4051.84	33428.30	4051.84	1.552	
0.65	2.57	ø8/18	2	21	SLV	0.25	0.36	2327.20	1.00	7002.20	34815.80	7002.20	0.40	0.21	2022.98	1.00	4051.84	32233.90	4051.84	2.003	
0.65	2.57	ø8/18	2	231	SLV	0.25	0.36	3414.51	1.00	7002.20	34924.10	7002.20	0.40	0.21	634.76	1.00	4051.84	32334.30	4051.84	2.051	
2.57	3.06	ø8/12	2	237	SLU	0.25	0.36	3947.46	1.00	10503.30	35577.70	10503.30	0.40	0.21	734.97	1.00	6077.75	32939.40	6077.75	2.661	
2.57	3.06	ø8/12	2	241	SLU	0.25	0.36	4511.46	1.00	10503.30	35961.40	10503.30	0.40	0.21	485.31	1.00	6077.75	33294.60	6077.75	2.328	
2.57	3.06	ø8/12	2	21	SLV	0.25	0.36	2327.20	1.00	10503.30	34719.50	10503.30	0.40	0.21	2022.98	1.00	6077.75	32144.80	6077.75	3.004	
2.57	3.06	ø8/12	2	231	SLV	0.25	0.36	3414.51	1.00	10503.30	34827.80	10503.30	0.40	0.21	634.76	1.00	6077.75	32245.10	6077.75	3.076	

Dettagli costruttivi per la duttilità

- CC=29 Da=0.17 A=0.65083 Dir. Y α_s=0.22919 ω_{rd}=0.19434 μΦ_d=16.2415 v_d=6.069 E_{sy,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=17.6616 0.04454 >= 0.03814 [7.4.29]
- CC=29 Da=0.17 A=0.65083 Dir. Z α_s=0.22919 ω_{rd}=0.19434 μΦ_d=16.2415 v_d=6.069 E_{sy,d}=0.0018995 b_c/b₀=1.16959 μΦ_c=19.6623 0.04454 >= 0.0307 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
305N		ø12/ 6	Y+	E	2	10.81	12.19	0.25	0.31	0.27	13.57
			Z+	I	2	4.02	4.02	0.38	0.16	0.17	9.05
			Z-	I	2	4.02	4.02	0.38	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
305Y+	1	SLV	0.00	46517.40	0.00	5.25	53423.30	2662500.00	792636.00	50263.30	53106.60	
	11	SLV	0.00	46517.40	0.00	4.91	53423.30	2662500.00	792636.00	50406.70	53106.60	
	Z+	1	SLV	0.00	34617.60	0.00	5.25	51066.40	2514530.00	561974.00	34617.60	35404.40
	Z-	1	SLV	0.00	34617.60	0.00	5.25	51066.40	2514530.00	561974.00	34617.60	35404.40

Pilastrata n. 6

Nodi: 6 106

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
4R		40.00	25.00	4.10	C28/35	290.50		19.84	164.62	13.23	B450C	4500.00 3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.17	1	SLV	1	4	17.00	-5850.45	-2449.63	-2449.63	754.48	754.48	-5850.45	-4929.90	1510.88	175.78	9.25	2.012
0.17	1	SLV	1	4	17.00	-5850.45	-2449.63	-2449.63	754.48	754.48	-5850.45	-4929.90	1510.88	175.78	9.25	2.012
3.06	41	SLU	1	4	305.50	-8194.41	691.36	691.36	6535.75	6535.75	-8194.41	1043.87	8789.36	73.12	7.57	1.347

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _f <daN/cmq>
0.17	38	SLE R	1	4	17.00	-5903.19	-711.39	-849.44	6.03	6.03	43.38	562.76
0.17	36	SLE Q	1	4	17.00	-5493.13	-643.50	-201.66	4.02	8.04	18.95	225.82
0.17	38	SLE R	1	4	17.00	-5903.19	-711.39	-849.44	6.03	6.03	43.38	562.76
0.17	36	SLE Q	1	4	17.00	-5493.13	-643.50	-201.66	4.02	8.04	18.95	225.82
3.06	42	SLE R	1	4	305.50	-5462.94	4357.17	460.90	8.04	4.02	108.89	2595.39
3.06	36	SLE Q	1	4	305.50	-4771.88	3802.44	278.12	8.04	4.02	89.87	2207.14

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	C <mm>	S <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
0.17	36	SLE Q	1	4	17.00	-5493.13	-201.66	-643.50	34.00	166.00	0.50	16.00	96.98	2.01	36.42	119.10	0.03	0.01
0.17	39	SLE F	1	4	17.00	-5521.20	-330.72	-652.48	34.00	0.00	0.50	16.00	101.33	2.01	41.89	183.59	0.05	0.01
0.17	36	SLE Q	1	4	17.00	-5493.13	-201.66	-643.50	34.00	166.00	0.50	16.00	96.98	2.01	36.42	119.10	0.03	0.01
0.17	39	SLE F	1	4	17.00	-5521.20	-330.72	-652.48	34.00	0.00	0.50	16.00	101.33	2.01	41.89	183.59	0.05	0.01
3.06	36	SLE Q	1	4	305.50	-4771.88	278.12	3802.44	34.00	166.00	0.50	16.00	145.01	4.02	193.54	2207.14	0.77	0.19
3.06	35	SLE F	1	4	305.50	-4907.83	335.94	3905.52	34.00	166.00	0.50	16.00	142.74	4.02	187.85	2289.44	0.67	0.16

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _{,y} <m>	d _{,y} <m>	Vsdu _{,y} <daN>	ctgθ _{,y}	VRsd _{,y} <daN>	VRcd _{,y} <daN>	Vrd _{,y} <daN>	bw _{,z} <m>	d _{,z} <m>	Vsdu _{,z} <daN>	ctgθ _{,z}	VRsd _{,z} <daN>	VRcd _{,z} <daN>	Vrd _{,z} <daN>	Sic.
0.17	0.65	ø8/12	2	2	37	SLV	0.25	0.36	2300.13	1.00	10503.30	34585.80	10503.30	0.40	0.21	1226.40	1.00	6077.75	32021.00	6077.75	4.566
0.17	0.65	ø8/12	2	2	41	SLV	0.25	0.36	2640.91	1.00	10503.30	34822.10	10503.30	0.40	0.21	860.28	1.00	6077.75	32239.80	6077.75	3.977
0.17	0.65	ø8/12	2	2	1	SLV	0.25	0.36	727.89	1.00	10503.30	34136.00	10503.30	0.40	0.21	1410.92	1.00	6077.75	31604.60	6077.75	4.308
0.17	0.65	ø8/12	2	2	31	SLV	0.25	0.36	3171.92	1.00	10503.30	34154.50	10503.30	0.40	0.21	297.63	1.00	6077.75	31621.70	6077.75	3.311
0.65	2.57	ø8/18	2	2	37	SLV	0.25	0.36	2300.13	1.00	7002.20	34554.50	7002.20	0.40	0.21	1053.30	1.00	4051.84	31992.10	4051.84	3.044
0.65	2.57	ø8/18	2	2	41	SLV	0.25	0.36	2640.91	1.00	7002.20	34786.00	7002.20	0.40	0.21	756.42	1.00	4051.84	32206.30	4051.84	2.651
0.65	2.57	ø8/18	2	2	1	SLV	0.25	0.36	727.89	1.00	7002.20	34112.00	7002.20	0.40	0.21	1410.92	1.00	4051.84	31582.30	4051.84	2.872
0.65	2.57	ø8/18	2	2	31	SLV	0.25	0.36	3171.92	1.00	7002.20	34130.40	7002.20	0.40	0.21	297.63	1.00	4051.84	31599.40	4051.84	2.208
2.57	3.06	ø8/12	2	2	37	SLV	0.25	0.36	2300.13	1.00	10503.30	34429.40	10503.30	0.40	0.21	360.90	1.00	6077.75	31876.20	6077.75	4.566
2.57	3.06	ø8/12	2	2	41	SLV	0.25	0.36	2640.91	1.00	10503.30	34641.50	10503.30	0.40	0.21	340.98	1.00	6077.75	32072.60	6077.75	3.977
2.57	3.06	ø8/12	2	2	1	SLV	0.25	0.36	727.89	1.00	10503.30	34015.70	10503.30	0.40	0.21	1410.92	1.00	6077.75	31493.20	6077.75	4.308
2.57	3.06	ø8/12	2	2	31	SLV	0.25	0.36	3171.92	1.00	10503.30	34034.10	10503.30	0.40	0.21	297.63	1.00	6077.75	31510.20	6077.75	3.311

Dettagli costruttivi per la duttilità

- CC=29 Da=0.17 A=0.65083 Dir. Y $\alpha_b=0.19466$ $\omega_{Rd}=0.16195$ $\mu\Phi_d=16.2415$ $v_d=3.81$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=23.5327$ 0.03152 >= 0.01091 [7.4.29]
- CC=29 Da=0.17 A=0.65083 Dir. Z $\alpha_b=0.19466$ $\omega_{Rd}=0.16195$ $\mu\Phi_d=16.2415$ $v_d=3.81$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.16959$ $\mu\Phi_c=26.1985$ 0.03152 >= 0.00624 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
106N		ø10/ 6	Y+	E	2	5.56	5.09	0.25	0.31	0.27	9.42
			Z+	E	2	4.02	4.02	0.38	0.16	0.17	6.28

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
106Y+	1	SLV	0.00	23934.80	0.00	3.12		54820.00	570391.00	550441.00	21360.40	36879.60
	11	SLV	0.00	23934.80	0.00	2.43		54820.00	570391.00	550441.00	21481.30	36879.60
	Z+	1	SLV	0.00	17308.80	0.00	3.12	42948.10	466425.00	390260.00	16877.40	24586.40
	11	SLV	0.00	17308.80	0.00	2.43		42948.10	466425.00	390260.00	16972.90	24586.40

Pilastrata n. 7

Nodi: 7 107

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
4R		40.00	25.00	4.10	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.17	27	SLV	1	4	17.00	-6468.44	221.39	221.39	5614.89	5614.89	-6468.44	427.25	8701.61	84.38	10.78	1.550
0.17	27	SLV	1	4	17.00	-6468.44	221.39	221.39	5614.89	5614.89	-6468.44	427.25	8701.61	84.38	10.78	1.550
2.98	27	SLV	1	4	298.00	-5765.94	-227.19	-227.19	-6050.16	-6050.16	-5765.94	-430.31	-8601.43	264.38	10.98	1.422

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _s <daN/cm²>
0.17	38	SLE R	1	4	17.00	-6597.14	1573.11	-222.19	6.03	6.03	40.38	575.91
0.17	36	SLE Q	1	4	17.00	-6163.22	1380.72	0.70	8.04	4.02	28.63	403.73
0.17	38	SLE R	1	4	17.00	-6597.14	1573.11	-222.19	6.03	6.03	40.38	575.91
0.17	36	SLE Q	1	4	17.00	-6163.22	1380.72	0.70	8.04	4.02	28.63	403.73
2.98	42	SLE R	1	4	298.00	-6424.01	-3882.14	-161.16	8.04	4.02	86.76	2062.83
2.98	36	SLE Q	1	4	298.00	-5460.72	-3420.87	-160.12	8.04	4.02	77.18	1842.95

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm²>	ε _{sm}	Wk <mm>
0.17	36	SLE Q	1	4	17.00	-6163.22	0.70	1380.72	34.00	166.00	0.50	16.00	139.35	4.02	179.32	403.73	0.12	0.03
0.17	39	SLE F	1	4	17.00	-6164.80	-41.65	1408.39	34.00	166.00	0.50	16.00	134.12	4.02	166.18	434.81	0.13	0.03
0.17	36	SLE Q	1	4	17.00	-6163.22	0.70	1380.72	34.00	166.00	0.50	16.00	139.35	4.02	179.32	403.73	0.12	0.03
0.17	39	SLE F	1	4	17.00	-6164.80	-41.65	1408.39	34.00	166.00	0.50	16.00	134.12	4.02	166.18	434.81	0.13	0.03
2.98	36	SLE Q	1	4	298.00	-5460.72	-160.12	-3420.87	34.00	166.00	0.50	16.00	147.91	4.02	200.85	1842.95	0.58	0.15
2.98	35	SLE F	1	4	298.00	-5632.71	-149.32	-3509.65	34.00	166.00	0.50	16.00	148.63	4.02	202.65	1881.64	0.55	0.14

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _{,y} <m>	d _{,y} <m>	Vsdu _{,y} <daN>	ctgθ _{,y}	VRsd _{,y} <daN>	VRcd _{,y} <daN>	Vrd _{,y} <daN>	bw _{,z} <m>	d _{,z} <m>	Vsdu _{,z} <daN>	ctgθ _{,z}	VRsd _{,z} <daN>	VRcd _{,z} <daN>	Vrd _{,z} <daN>	Sic.
0.17	0.64	ø8/12	2	2	37	SLV	0.25	0.36	2592.64	1.00	10503.30	34780.70	10503.30	0.40	0.21	1095.86	1.00	6077.75	32201.40	6077.75	4.051
0.17	0.64	ø8/12	2	2	41	SLV	0.25	0.36	2918.57	1.00	10503.30	35105.10	10503.30	0.40	0.21	601.75	1.00	6077.75	32501.80	6077.75	3.599
0.17	0.64	ø8/12	2	2	1	SLV	0.25	0.36	2804.29	1.00	10503.30	34246.30	10503.30	0.40	0.21	356.80	1.00	6077.75	31706.70	6077.75	3.745
0.17	0.64	ø8/12	2	2	27	SLV	0.25	0.36	4151.26	1.00	10503.30	34259.80	10503.30	0.40	0.21	159.64	1.00	6077.75	31719.20	6077.75	2.530
0.64	2.51	ø8/18	2	2	37	SLV	0.25	0.36	2592.64	1.00	7002.20	34750.20	7002.20	0.40	0.21	758.66	1.00	4051.84	32173.20	4051.84	2.701
0.64	2.51	ø8/18	2	2	41	SLV	0.25	0.36	2918.57	1.00	7002.20	35069.90	7002.20	0.40	0.21	409.85	1.00	4051.84	32469.30	4051.84	2.399
0.64	2.51	ø8/18	2	2	1	SLV	0.25	0.36	2804.29	1.00	7002.20	34222.80	7002.20	0.40	0.21	356.80	1.00	4051.84	31685.00	4051.84	2.497
0.64	2.51	ø8/18	2	2	27	SLV	0.25	0.36	4151.26	1.00	7002.20	34236.30	7002.20	0.40	0.21	159.64	1.00	4051.84	31697.50	4051.84	1.687
2.51	2.98	ø8/12	2	2	37	SLV	0.25	0.36	2592.64	1.00	10503.30	34628.30	10503.30	0.40	0.21	927.34	1.00	6077.75	32060.30	6077.75	4.051
2.51	2.98	ø8/12	2	2	41	SLV	0.25	0.36	2918.57	1.00	10503.30	34929.30	10503.30	0.40	0.21	612.17	1.00	6077.75	32339.00	6077.75	3.599
2.51	2.98	ø8/12	2	2	1	SLV	0.25	0.36	2804.29	1.00	10503.30	34129.10	10503.30	0.40	0.21	356.80	1.00	6077.75	31598.10	6077.75	3.745
2.51	2.98	ø8/12	2	2	27	SLV	0.25	0.36	4151.26	1.00	10503.30	34142.60	10503.30	0.40	0.21	159.64	1.00	6077.75	31610.60	6077.75	2.530

Dettagli costruttivi per la duttilità

- CC=27 Da=0.17 A=0.63833 Dir. Y $\alpha_b=0.19466$ $\omega_{Rd}=0.16195$ $\mu\Phi_d=16.2415$ $v_d=3.929$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=22.8165$ 0.03152 >= 0.01235 [7.4.29]

- CC=27 Da=0.17 A=0.63833 Dir. Z α_0 =0.19466 ω_{nd} =0.16195 $\mu\Phi_d$ =16.2415 v_d =3.929 $E_{sy,d}$ =0.0018995 b_c/b_0 =1.16959 $\mu\Phi_c$ =25.4012
0.03152 >= 0.00754 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
107N		ø10/ 7	Y+	I	2	0.00	5.09	0.25	0.31	0.17	6.28
			Y-	I	2	6.03	0.00	0.25	0.31	0.27	7.85

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
107Y+	1	SLV		0.00	21906.50	0.00	3.26	68524.90	456339.00	585390.00	---	---
	Y-	1	SLV	0.00	25963.20	0.00	3.26	68524.90	694540.00	458701.00	25963.20	30733.00

Pilastrata n. 8

Nodi: 8 -155

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
4R		40.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	δ_v	Sic.
0.00	27(e)	SLV	1	4	0.00	-12118.30	167.25	242.37	909.61	909.61	-107001.00	2674.86	10714.90	56.25	5.20	8.830
0.00	27(e)	SLV	1	4	0.00	-12118.30	167.25	242.37	909.61	909.61	-107001.00	2674.86	10714.90	56.25	5.20	8.830
3.06	41(e)	SLU	1	4	305.50	-19112.90	91.28	382.26	-12819.20	-12819.20	-19112.90	327.86	-13035.00	275.62	7.13	1.017

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
0.00	42	SLE R	1	4	0.00	-13505.70	499.94	-77.97	0.00	16.59	17.82	241.31
0.00	38	SLE R	1	4	0.00	-12397.60	474.79	-130.90	0.00	16.59	17.61	234.09
0.00	36	SLE Q	1	4	0.00	-11575.50	440.07	6.16	0.00	16.59	14.29	197.59
0.00	42	SLE R	1	4	0.00	-13505.70	499.94	-77.97	0.00	16.59	17.82	241.31
0.00	38	SLE R	1	4	0.00	-12397.60	474.79	-130.90	0.00	16.59	17.61	234.09
0.00	36	SLE Q	1	4	0.00	-11575.50	440.07	6.16	0.00	16.59	14.29	197.59
3.06	42	SLE R	1	4	305.50	-12741.90	-8546.13	60.85	10.30	6.28	146.76	3165.00
3.06	36	SLE Q	1	4	305.50	-10811.80	-7601.02	-51.85	10.30	6.28	130.25	2845.03

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ_{eq}	Δ_{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ_s <daN/cmq>	ϵ_{sm}	Wk <mm>
3.06	36	SLE Q	1	4	305.50	-10811.80	-51.85	-7601.02	34.00	162.00	0.50	20.00	134.74	6.28	209.68	2845.03	1.16	0.27
3.06	35	SLE F	1	4	305.50	-11150.40	-17.36	-7773.45	34.00	162.00	0.50	20.00	135.43	6.28	211.83	2891.73	1.07	0.25

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	bw _{y,z}	d _{y,z}	Vsdu _{y,z}	ctgθ _{y,z}	VRsd _{y,z}	VRcd _{y,z}	Vrd _{y,z}	bw _{z,z}	d _{z,z}	Vsdu _{z,z}	ctgθ _{z,z}	VRsd _{z,z}	VRcd _{z,z}	Vrd _{z,z}	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.00	0.51	ø8/ 8	2	237	SLU	0.25	0.36	3927.88	1.00	15754.90	36426.80	15754.90	0.40	0.21	122.31	1.00	9116.63	33725.50	9116.63	4.011	
0.00	0.51	ø8/ 8	2	241	SLU	0.25	0.36	4441.60	1.00	15754.90	37021.30	15754.90	0.40	0.21	68.16	1.00	9116.63	34275.90	9116.63	3.547	
0.00	0.51	ø8/ 8	2	221	SLV	0.25	0.36	2888.64	1.00	15754.90	35331.70	15754.90	0.40	0.21	358.78	1.00	9116.63	32711.60	9116.63	5.454	
0.00	0.51	ø8/ 8	2	227	SLV	0.25	0.36	3263.60	1.00	15754.90	35391.20	15754.90	0.40	0.21	127.12	1.00	9116.63	32766.70	9116.63	4.827	
0.51	2.55	ø8/18	2	237	SLU	0.25	0.36	3927.88	1.00	7002.20	36393.70	7002.20	0.40	0.21	122.31	1.00	4051.84	33694.80	4051.84	1.783	
0.51	2.55	ø8/18	2	241	SLU	0.25	0.36	4441.60	1.00	7002.20	36983.00	7002.20	0.40	0.21	68.16	1.00	4051.84	34240.50	4051.84	1.577	
0.51	2.55	ø8/18	2	221	SLV	0.25	0.36	2888.64	1.00	7002.20	35306.20	7002.20	0.40	0.21	358.78	1.00	4051.84	32688.00	4051.84	2.424	
0.51	2.55	ø8/18	2	227	SLV	0.25	0.36	3263.60	1.00	7002.20	35365.70	7002.20	0.40	0.21	127.12	1.00	4051.84	32743.10	4051.84	2.146	
2.55	3.06	ø8/12	2	237	SLU	0.25	0.36	3927.88	1.00	10503.30	36261.10	10503.30	0.40	0.21	122.31	1.00	6077.75	33572.10	6077.75	2.674	
2.55	3.06	ø8/12	2	241	SLU	0.25	0.36	4441.60	1.00	10503.30	36830.10	10503.30	0.40	0.21	68.16	1.00	6077.75	34098.90	6077.75	2.365	
2.55	3.06	ø8/12	2	221	SLV	0.25	0.36	2888.64	1.00	10503.30	35204.20	10503.30	0.40	0.21	358.78	1.00	6077.75	32593.60	6077.75	3.636	
2.55	3.06	ø8/12	2	227	SLV	0.25	0.36	3263.60	1.00	10503.30	35263.70	10503.30	0.40	0.21	127.12	1.00	6077.75	32648.70	6077.75	3.218	

Dettagli costruttivi per la duttilità

- CC=27 Da=0 A=0.50917 Dir. Y α_0 =0.25374 ω_{nd} =0.24292 $\mu\Phi_d$ =16.2415 v_d =7.362 $E_{sy,d}$ =0.0018995 b_c/b_0 =1.30208 $\mu\Phi_c$ =17.6917
0.06164 >= 0.05372 [7.4.29]
- CC=27 Da=0 A=0.50917 Dir. Z α_0 =0.25374 ω_{nd} =0.24292 $\mu\Phi_d$ =16.2415 v_d =7.362 $E_{sy,d}$ =0.0018995 b_c/b_0 =1.16959 $\mu\Phi_c$ =19.6958
0.06164 >= 0.04469 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
-155N		ø12/ 6	Y-	E	2	11.44	12.19	0.25	0.31	0.27	13.57

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
-155Y-	1	SLV		0.00	49221.90	0.00	6.60	53423.20	2996930.00	792636.00	49696.50	53106.60
		13	SLV	0.00	49221.90	0.00	6.24	53423.20	2996930.00	792636.00	49849.00	53106.60

Pilastrata n. 9

Nodi: 9 -15

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
4R		40.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/presoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	27 (e)	SLV	1	4	0.00	-12374.70	165.11	247.50	872.38	872.38	-107001.00	3115.25	10367.10	50.62	4.85	8.647
0.00	27 (e)	SLV	1	4	0.00	-12374.70	165.11	247.50	872.38	872.38	-107001.00	3115.25	10367.10	50.62	4.85	8.647
3.06	41 (e)	SLU	1	4	305.50	-19277.40	140.27	385.55	-12581.10	-12581.10	-19277.40	324.83	-13054.80	275.62	7.09	1.037

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _f <daN/cm²>
0.00	42	SLE	R	1	4	0.00	-13615.40	487.95	-82.14	0.00	16.59	241.80
0.00	38	SLE	R	1	4	0.00	-12635.50	459.62	-138.86	0.00	16.59	236.38
0.00	36	SLE	Q	1	4	0.00	-11836.50	431.07	0.43	0.00	16.59	198.54
0.00	42	SLE	R	1	4	0.00	-13615.40	487.95	-82.14	0.00	16.59	241.80
0.00	38	SLE	R	1	4	0.00	-12635.50	459.62	-138.86	0.00	16.59	236.38
0.00	36	SLE	Q	1	4	0.00	-11836.50	431.07	0.43	0.00	16.59	198.54
3.06	42	SLE	R	1	4	305.50	-12851.60	-8387.39	93.52	10.30	6.28	3097.42
3.06	36	SLE	Q	1	4	305.50	-11072.80	-7441.78	-6.87	10.30	6.28	2741.49

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	W _k <mm>
3.06	36	SLE Q	1	4	305.50	-11072.80	-6.87	-7441.78	34.00	162.00	0.50	20.00	135.41	6.28	211.79	2741.49	1.11	0.26
3.06	35	SLE F	1	4	305.50	-11390.10	28.36	-7611.84	34.00	162.00	0.50	20.00	134.93	6.28	210.26	2807.67	1.03	0.24

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	bw _y <m>	d _y <cm>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	bw _z <m>	d _z <cm>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.51	ø8/ 8	2	237	SLU	0.25	0.36	3834.71	1.00	15754.90	36475.10	15754.90	0.40	0.21	156.68	1.00	9116.63	33770.20	9116.63	4.109
0.00	0.51	ø8/ 8	2	241	SLU	0.25	0.36	4357.78	1.00	15754.90	37054.20	15754.90	0.40	0.21	86.24	1.00	9116.63	34306.40	9116.63	3.615
0.00	0.51	ø8/ 8	2	221	SLV	0.25	0.36	2762.63	1.00	15754.90	35370.40	15754.90	0.40	0.21	379.61	1.00	9116.63	32747.40	9116.63	5.703
0.00	0.51	ø8/ 8	2	227	SLV	0.25	0.36	3114.00	1.00	15754.90	35442.50	15754.90	0.40	0.21	120.94	1.00	9116.63	32814.20	9116.63	5.059
0.51	2.55	ø8/18	2	237	SLU	0.25	0.36	3834.71	1.00	7002.20	36442.00	7002.20	0.40	0.21	156.68	1.00	4051.84	33739.50	4051.84	1.826
0.51	2.55	ø8/18	2	241	SLU	0.25	0.36	4357.78	1.00	7002.20	37016.00	7002.20	0.40	0.21	86.24	1.00	4051.84	34271.00	4051.84	1.607
0.51	2.55	ø8/18	2	221	SLV	0.25	0.36	2762.63	1.00	7002.20	35344.90	7002.20	0.40	0.21	379.61	1.00	4051.84	32723.80	4051.84	2.535
0.51	2.55	ø8/18	2	227	SLV	0.25	0.36	3114.00	1.00	7002.20	35417.00	7002.20	0.40	0.21	120.94	1.00	4051.84	32790.60	4051.84	2.249
2.55	3.06	ø8/12	2	237	SLU	0.25	0.36	3834.71	1.00	10503.30	36309.40	10503.30	0.40	0.21	156.68	1.00	6077.75	33616.80	6077.75	2.739
2.55	3.06	ø8/12	2	241	SLU	0.25	0.36	4357.78	1.00	10503.30	36863.00	10503.30	0.40	0.21	86.24	1.00	6077.75	34129.40	6077.75	2.410
2.55	3.06	ø8/12	2	221	SLV	0.25	0.36	2762.63	1.00	10503.30	35242.90	10503.30	0.40	0.21	379.61	1.00	6077.75	32629.40	6077.75	3.802
2.55	3.06	ø8/12	2	227	SLV	0.25	0.36	3114.00	1.00	10503.30	35315.10	10503.30	0.40	0.21	120.94	1.00	6077.75	32696.20	6077.75	3.373

Dettagli costruttivi per la duttilità

- CC=27 Da=0 A=0.50917 Dir. Y α_e=0.25374 ω_{nd}=0.24292 μΦ_d=16.2415 v_d=7.517 E_{sy, d}=0.0018995 b_c/b₀=1.30208 μΦ_c=17.3251 0.06164 >= 0.05559 [7.4.29]

- CC=27 Da=0 A=0.50917 Dir. Z α_e=0.25374 ω_{nd}=0.24292 μΦ_d=16.2415 v_d=7.517 E_{sy, d}=0.0018995 b_c/b₀=1.16959 μΦ_c=19.2877 0.06164 >= 0.04637 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
-15N		ø12/ 6	Y-	E	2	11.44	12.19	0.25	0.31	0.27	13.57

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	Vjbr <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	Vjwr <daN>
-15Y-	1	SLV		0.00	49221.90	0.00	6.81	53423.20	2996930.00	792636.00	49608.70	53106.60
	13	SLV		0.00	49221.90	0.00	6.40	53423.20	2996930.00	792636.00	49781.30	53106.60

Pilastrata n. 10

Nodi: 10 -16

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
4R		40.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/presoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	9 (e)	SLV	1	4	0.00	-11777.40	-171.99	-235.55	825.17	825.17	-107001.00	-3113.36	10308.90	129.38	4.90	9.085
0.00	9 (e)	SLV	1	4	0.00	-11777.40	-171.99	-235.55	825.17	825.17	-107001.00	-3113.36	10308.90	129.38	4.90	9.085
3.06	41 (e)	SLU	1	4	305.50	-18370.50	264.44	367.41	-11309.90	-11309.90	-18370.50	341.32	-12945.60	275.62	7.28	1.144

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _f <daN/cm²>
0.00	42	SLE	R	1	4	0.00	-13010.80	435.63	-92.68	0.00	16.59	229.57
0.00	38	SLE	R	1	4	0.00	-12023.40	403.78	-147.86	0.00	16.59	223.33
0.00	36	SLE	Q	1	4	0.00	-11242.10	384.01	-7.45	0.00	16.59	186.50
0.00	42	SLE	R	1	4	0.00	-13010.80	435.63	-92.68	0.00	16.59	229.57
0.00	38	SLE	R	1	4	0.00	-12023.40	403.78	-147.86	0.00	16.59	223.33
0.00	36	SLE	Q	1	4	0.00	-11242.10	384.01	-7.45	0.00	16.59	186.50
3.06	42	SLE	R	1	4	305.50	-12247.00	-7539.91	176.29	10.30	6.28	2775.40

3.0636	SLE Q	1	4	305.50	-10478.40	-6619.34	54.98	10.30	6.28	114.18	2418.19
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Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	W _k <mm>
3.0636	SLE Q	1	4	305.50	-10478.40	54.98	-6619.34	34.00	162.00	0.50	20.00	133.82	6.28	206.80		2418.19	0.96	0.22
3.0635	SLE F	1	4	305.50	-10792.20	93.86	-6781.10	34.00	162.00	0.50	20.00	132.90	6.28	203.89		2486.81	0.89	0.20

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _x	CC	TCC	b _{w,y}	d _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	Vrd _y	b _{w,z}	d _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.00	0.51	ø8/ 8	2	237	SLU	0.25	0.36	3383.29	1.00	15754.90	36291.20	15754.90	0.40	0.21	190.00	1.00	9116.63	33600.00	9116.63	4.657	
0.00	0.51	ø8/ 8	2	241	SLU	0.25	0.36	3915.98	1.00	15754.90	36872.60	15754.90	0.40	0.21	132.07	1.00	9116.63	34138.20	9116.63	4.023	
0.00	0.51	ø8/ 8	2	21	SLV	0.25	0.36	2478.18	1.00	15754.90	35249.50	15754.90	0.40	0.21	399.28	1.00	9116.63	32635.50	9116.63	6.357	
0.00	0.51	ø8/ 8	2	29	SLV	0.25	0.36	2829.02	1.00	15754.90	35322.90	15754.90	0.40	0.21	139.33	1.00	9116.63	32703.50	9116.63	5.569	
0.51	2.55	ø8/18	2	237	SLV	0.25	0.36	3383.29	1.00	7002.20	36258.10	7002.20	0.40	0.21	190.00	1.00	4051.84	33569.30	4051.84	2.070	
0.51	2.55	ø8/18	2	241	SLV	0.25	0.36	3915.98	1.00	7002.20	36834.40	7002.20	0.40	0.21	132.07	1.00	4051.84	34102.80	4051.84	1.788	
0.51	2.55	ø8/18	2	21	SLV	0.25	0.36	2478.18	1.00	7002.20	35224.00	7002.20	0.40	0.21	399.28	1.00	4051.84	32611.90	4051.84	2.826	
0.51	2.55	ø8/18	2	29	SLV	0.25	0.36	2829.02	1.00	7002.20	35297.40	7002.20	0.40	0.21	139.33	1.00	4051.84	32679.90	4051.84	2.475	
2.55	3.06	ø8/12	2	237	SLU	0.25	0.36	3383.29	1.00	10503.30	36125.50	10503.30	0.40	0.21	190.00	1.00	6077.75	33446.60	6077.75	3.104	
2.55	3.06	ø8/12	2	241	SLU	0.25	0.36	3915.98	1.00	10503.30	36681.40	10503.30	0.40	0.21	132.07	1.00	6077.75	33961.20	6077.75	2.682	
2.55	3.06	ø8/12	2	21	SLV	0.25	0.36	2478.18	1.00	10503.30	35122.10	10503.30	0.40	0.21	399.28	1.00	6077.75	32517.50	6077.75	4.238	
2.55	3.06	ø8/12	2	29	SLV	0.25	0.36	2829.02	1.00	10503.30	35195.50	10503.30	0.40	0.21	139.33	1.00	6077.75	32585.50	6077.75	3.713	

Dettagli costruttivi per la duttilità

- CC=9 Da=0 A=0.50917 Dir. Y α_e=0.25374 ω_{nd}=0.24292 μΦ_d=16.2415 v_d=7.154 E_{syrd}=0.0018995 b_c/b₀=1.30208 μΦ_c=18.2039 0.06164 >= 0.05122 [7.4.29]
- CC=9 Da=0 A=0.50917 Dir. Z α_e=0.25374 ω_{nd}=0.24292 μΦ_d=16.2415 v_d=7.154 E_{syrd}=0.0018995 b_c/b₀=1.16959 μΦ_c=20.266 0.06164 >= 0.04245 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
-16N		ø12/ 6	Y-E		2	11.44	12.19	0.25	0.31	0.27	13.57

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	Vjbr <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	Vjwr <daN>
-16Y-	1	SLV	0.00	49221.90	0.00	6.47	53423.20	2996930.00	792636.00	49752.60	53106.60	
	31	SLV	0.00	49221.90	0.00	6.04	53423.20	2996930.00	792636.00	49932.00	53106.60	

Pilastrata n. 11

Nodi: 11 -7

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
4R		40.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	9(e)	SLV	1	4	0.00	-11756.20	-158.61	-235.12	900.41	900.41	-107001.00	-2674.34	10677.60	123.75	5.23	9.102
0.00	9(e)	SLV	1	4	0.00	-11756.20	-158.61	-235.12	900.41	900.41	-107001.00	-2674.34	10677.60	123.75	5.23	9.102
3.06	41(e)	SLU	1	4	305.50	-18640.10	46.45	-372.80	-12495.80	-12495.80	-18640.10	-336.48	-12978.00	264.38	7.22	1.038

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _f <daN/cmq>
0.00	42	SLE R	1	4	0.00	-13190.50	478.20	-74.17	0.00	16.59	17.25	234.01
0.00	38	SLE R	1	4	0.00	-12111.40	444.48	-131.11	0.00	16.59	17.05	226.73
0.00	36	SLE Q	1	4	0.00	-11207.90	431.69	2.54	0.00	16.59	13.84	191.44
0.00	42	SLE R	1	4	0.00	-13190.50	478.20	-74.17	0.00	16.59	17.25	234.01
0.00	38	SLE R	1	4	0.00	-12111.40	444.48	-131.11	0.00	16.59	17.05	226.73
0.00	36	SLE Q	1	4	0.00	-11207.90	431.69	2.54	0.00	16.59	13.84	191.44
3.06	42	SLE R	1	4	305.50	-12426.70	-8330.51	30.96	10.30	6.28	142.06	3075.01
3.06	36	SLE Q	1	4	305.50	-10444.20	-7446.27	-23.44	10.30	6.28	126.57	2786.39

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm q>	ε _{sm}	Wk <mm>
3.0636	SLE Q	1	4	305.50	-10444.20	-23.44	-7446.27	34.00	162.00	0.50	20.00	135.41	6.28	211.79	2786.39	1.13	0.26	
3.0635	SLE F	1	4	305.50	-10799.50	0.58	-7599.40	34.00	162.00	0.50	20.00	135.83	6.28	213.09	2827.32	1.04	0.24	

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _x	CC	TCC	b _{w,y} <m>	d _y <m>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic
0.00	0.51	ø8/ 8	2	237	SLU	0.25	0.36	3792.65	1.00	15754.90	36340.60	15754.90	0.40	0.21	117.88	1.00	9116.63	33645.70	9116.63	4.154	
0.00	0.51	ø8/ 8	2	241	SLU	0.25	0.36	4325.06	1.00	15754.90	36926.60	15754.90	0.40	0.21	51.62	1.00	9116.63	34188.20	9116.63	3.643	
0.00	0.51	ø8/ 8	2	223	SLU	0.25	0.36	2324.05	1.00	15754.90	35156.40	15754.90	0.40	0.21	351.97	1.00	9116.63	32549.30	9116.63	6.779	
0.00	0.51	ø8/ 8	2	29	SLV	0.25	0.36	3207.23	1.00	15754.90	35318.70	15754.90	0.40	0.21	100.56	1.00	9116.63	32699.50	9116.63	4.912	
0.51	2.55	ø8/18	2	237	SLU	0.25	0.36	3792.65	1.00	7002.20	36307.50	7002.20	0.40	0.21	117.88	1.00	4051.84	33615.00	4051.84	1.846	
0.51	2.55	ø8/18	2	241	SLU	0.25	0.36	4325.06	1.00	7002.20	36888.30	7002.20	0.40	0.21	51.62	1.00	4051.84	34152.80	4051.84	1.619	
0.51	2.55	ø8/18	2	223	SLU	0.25	0.36	2324.05	1.00	7002.20	35130.90	7002.20	0.40	0.21	351.97	1.00	4051.84	32525.70	4051.84	3.013	
0.51	2.55	ø8/18	2	29	SLV	0.25	0.36	3207.23	1.00	7002.20	35293.20	7002.20	0.40	0.21	100.56	1.00	4051.84	32675.90	4051.84	2.183	
2.55	3.06	ø8/12	2	237	SLU	0.25	0.36	3792.65	1.00	10503.30	36174.90	10503.30	0.40	0.21	117.88	1.00	6077.75	33492.30	6077.75	2.769	
2.55	3.06	ø8/12	2	241	SLU	0.25	0.36	4325.06	1.00	10503.30	36735.40	10503.30	0.40	0.21	51.62	1.00	6077.75	34011.20	6077.75	2.428	
2.55	3.06	ø8/12	2	223	SLU	0.25	0.36	2324.05	1.00	10503.30	35028.90	10503.30	0.40	0.21	351.97	1.00	6077.75	32431.30	6077.75	4.519	

2.55	3.06	ø8/12	2	2	9	SLV	0.25	0.36	3207.23	1.00	10503.30	35191.20	10503.30	0.40	0.21	100.56	1.00	6077.75	32581.50	6077.75	3.275
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Dettagli costruttivi per la duttilità

- CC=9 Da=0 A=0.50917 Dir. Y $\alpha_s=0.25374$ $\omega_{rd}=0.24292$ $\mu\Phi_d=16.2415$ $v_d=7.142$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=18.2367$ 0.06164 >= 0.05106 [7.4.29]
- CC=9 Da=0 A=0.50917 Dir. Z $\alpha_s=0.25374$ $\omega_{rd}=0.24292$ $\mu\Phi_d=16.2415$ $v_d=7.142$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.16959$ $\mu\Phi_c=20.3025$ 0.06164 >= 0.04231 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
-7N		ø12/ 6	Y-	E	2	11.44	12.19	0.25	0.31	0.27	13.57

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
-7Y-	1	SLV		0.00	49221.90	0.00	6.50	53423.20	2996930.00	792636.00	49737.40	53106.60
	31	SLV		0.00	49221.90	0.00	6.01	53423.20	2996930.00	792636.00	49944.10	53106.60

Pilastrata n. 12

Nodi: 12 112

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
4R		40.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/prefflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	δ_y	Sic.
0.17	9	SLV	1	4	17.00	-6465.62	-222.19	-222.19	5611.50	5611.50	-6465.62	-427.08	8707.19	95.62	10.77	1.552
0.17	9	SLV	1	4	17.00	-6465.62	-222.19	-222.19	5611.50	5611.50	-6465.62	-427.08	8707.19	95.62	10.77	1.552
3.06	9	SLV	1	4	305.50	-5744.37	240.18	240.18	-6328.27	-6328.27	-5744.37	430.22	-8604.30	275.62	10.98	1.360

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
0.17	38	SLE R	1	4	17.00	-6594.46	1309.35	-176.00	6.03	6.03	32.87	395.90
0.17	42	SLE R	1	4	17.00	-7122.78	1435.15	-88.62	6.03	6.03	32.61	401.11
0.17	36	SLE Q	1	4	17.00	-6164.92	1395.85	-2.56	8.04	4.02	29.01	413.43
0.17	38	SLE R	1	4	17.00	-6594.46	1309.35	-176.00	6.03	6.03	32.87	395.90
0.17	42	SLE R	1	4	17.00	-7122.78	1435.15	-88.62	6.03	6.03	32.61	401.11
0.17	36	SLE Q	1	4	17.00	-6164.92	1395.85	-2.56	8.04	4.02	29.01	413.43
3.06	42	SLE R	1	4	305.50	-6401.53	-3944.83	284.06	8.04	4.02	93.09	2160.00
3.06	36	SLE Q	1	4	305.50	-5443.66	-3559.24	167.02	8.04	4.02	80.30	1938.39

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ_{eq}	Δ_{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ_s <daN/cmq>	ϵ_{sm}	Wk <mm>
0.17	36	SLE Q	1	4	17.00	-6164.92	-2.56	1395.85	34.00	166.00	0.50	16.00	139.41	4.02	179.47	413.43	0.12	0.03
0.17	43	SLE F	1	4	17.00	-6164.92	-2.56	1395.85	34.00	166.00	0.50	16.00	139.41	4.02	179.47	413.43	0.12	0.03
0.17	36	SLE Q	1	4	17.00	-6164.92	-2.56	1395.85	34.00	166.00	0.50	16.00	139.41	4.02	179.47	413.43	0.12	0.03
0.17	43	SLE F	1	4	17.00	-6164.92	-2.56	1395.85	34.00	166.00	0.50	16.00	139.41	4.02	179.47	413.43	0.12	0.03
3.06	36	SLE Q	1	4	305.50	-5443.66	167.02	-3559.24	34.00	166.00	0.50	16.00	148.24	4.02	201.66	1938.39	0.63	0.16
3.06	35	SLE F	1	4	305.50	-5614.44	194.40	-3620.15	34.00	166.00	0.50	16.00	146.92	4.02	198.35	1975.56	0.58	0.14

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <cm>	d _y <cm>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <cm>	d _z <cm>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.17	0.65	ø8/12	2	2	37	SLU	0.25	0.36	2378.34	1.00	10503.30	34780.00	10503.30	0.40	0.21	746.14	1.00	6077.75	32200.80	6077.75	4.416
0.17	0.65	ø8/12	2	2	41	SLU	0.25	0.36	2797.22	1.00	10503.30	35104.00	10503.30	0.40	0.21	505.35	1.00	6077.75	32500.80	6077.75	3.755
0.17	0.65	ø8/12	2	2	1	SLV	0.25	0.36	2805.62	1.00	10503.30	34245.10	10503.30	0.40	0.21	356.41	1.00	6077.75	31705.60	6077.75	3.744
0.17	0.65	ø8/12	2	2	9	SLV	0.25	0.36	4138.57	1.00	10503.30	34259.20	10503.30	0.40	0.21	160.27	1.00	6077.75	31718.70	6077.75	2.538
0.65	2.57	ø8/18	2	2	37	SLU	0.25	0.36	2378.34	1.00	7002.20	34748.70	7002.20	0.40	0.21	573.04	1.00	4051.84	32171.90	4051.84	2.944
0.65	2.57	ø8/18	2	2	41	SLU	0.25	0.36	2797.22	1.00	7002.20	35067.90	7002.20	0.40	0.21	401.49	1.00	4051.84	32467.30	4051.84	2.503
0.65	2.57	ø8/18	2	2	1	SLV	0.25	0.36	2805.62	1.00	7002.20	34221.10	7002.20	0.40	0.21	356.41	1.00	4051.84	31683.30	4051.84	2.496
0.65	2.57	ø8/18	2	2	9	SLV	0.25	0.36	4138.57	1.00	7002.20	34235.20	7002.20	0.40	0.21	160.27	1.00	4051.84	31696.40	4051.84	1.692
2.57	3.06	ø8/12	2	2	37	SLU	0.25	0.36	2378.34	1.00	10503.30	34623.60	10503.30	0.40	0.21	292.46	1.00	6077.75	32056.00	6077.75	4.416
2.57	3.06	ø8/12	2	2	41	SLU	0.25	0.36	2797.22	1.00	10503.30	34923.50	10503.30	0.40	0.21	117.81	1.00	6077.75	32333.60	6077.75	3.755
2.57	3.06	ø8/12	2	2	1	SLV	0.25	0.36	2805.62	1.00	10503.30	34124.80	10503.30	0.40	0.21	356.41	1.00	6077.75	31594.20	6077.75	3.744
2.57	3.06	ø8/12	2	2	9	SLV	0.25	0.36	4138.57	1.00	10503.30	34138.90	10503.30	0.40	0.21	160.27	1.00	6077.75	31607.20	6077.75	2.538

Dettagli costruttivi per la duttilità

- CC=9 Da=0.17 A=0.65083 Dir. Y $\alpha_s=0.19466$ $\omega_{rd}=0.16195$ $\mu\Phi_d=16.2415$ $v_d=3.928$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=22.8265$ 0.03152 >= 0.01233 [7.4.29]
- CC=9 Da=0.17 A=0.65083 Dir. Z $\alpha_s=0.19466$ $\omega_{rd}=0.16195$ $\mu\Phi_d=16.2415$ $v_d=3.928$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.16959$ $\mu\Phi_c=25.4123$ 0.03152 >= 0.00752 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
112N		ø8/ 5	Y+	I	2	0.00	5.09	0.25	0.32	0.17	5.03
			Y-	I	2	5.56	0.00	0.25	0.32	0.27	7.04

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc	Vjbd	vd _s	vd _i	VjbR	Afni	Rfni	Vjwd	VjwR
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				<daN>	<daN>			<daN>	<daN/mq>	<daN/mq>	<daN>	<daN>
112	Y+	1	SLV	0.00	21906.50	0.00	3.45	69397.80	441624.00	468312.00	---	---
	Y-	1	SLV	0.00	23934.80	0.00	3.45	69397.80	552826.00	410996.00	23934.80	27536.70

Pilastrata n. 13

Nodi: 13 113

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	TP	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/presoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.17	27	SLV	1	2	17.00	-1966.28	178.53	178.53	1611.46	1611.46	-1966.28	312.08	3115.42	87.19	10.95	1.931
0.17	27	SLV	1	2	17.00	-1966.28	178.53	178.53	1611.46	1611.46	-1966.28	312.08	3115.42	87.19	10.95	1.931
3.10	27	SLV	1	2	310.50	-1507.68	-549.80	-549.80	-1291.23	-1291.23	-1507.68	-1299.55	-2977.15	253.12	7.18	2.315

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _s <daN/cm²>
0.17	38	SLE R	1	2	17.00	-2169.32	161.46	-146.92	2.01	6.03	15.19	159.37
0.17	36	SLE Q	1	2	17.00	-1832.12	100.04	55.14	2.01	6.03	7.63	87.69
0.17	38	SLE R	1	2	17.00	-2169.32	161.46	-146.92	2.01	6.03	15.19	159.37
0.17	36	SLE Q	1	2	17.00	-1832.12	100.04	55.14	2.01	6.03	7.63	87.69
3.10	42	SLE R	1	2	310.50	-2118.47	-9.24	-676.12	4.02	4.02	34.48	685.61
3.10	36	SLE Q	1	2	310.50	-1373.52	10.05	-379.10	4.02	4.02	19.69	366.18

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm²>	ε _{sm}	Wk <mm>
3.10	36	SLE Q	1	2	310.50	-1373.52	-379.10	10.05	34.00	166.00	0.50	16.00	118.38	4.02	126.61	366.18	0.11	0.02
3.10	35	SLE F	1	2	310.50	-1506.74	-429.15	1.86	34.00	166.00	0.50	16.00	120.27	4.02	131.37	414.10	0.12	0.02

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <cm>	d _y <cm>	V _{sd_y} <daN>	ctgθ _y	V _{Rsd,y} <daN>	V _{Rcd_y} <daN>	V _{rd_y} <daN>	b _{w,z} <cm>	d _z <cm>	V _{sd_z} <daN>	ctgθ _z	V _{Rs_{d,z}} <daN>	V _{Rcd_z} <daN>	V _{rd_z} <daN>	Sic.
0.17	0.66	ø8/12	2	237	SLU	0.25	0.21	96.43	1.00	6077.75	19622.70	6077.75	0.25	0.21	897.86	1.00	6077.75	19622.70	6077.75	6.769	
0.17	0.66	ø8/12	2	223	SLV	0.25	0.21	124.04	1.00	6077.75	19466.60	6077.75	0.25	0.21	496.27	1.00	6077.75	19466.60	6077.75	12.247	
0.17	0.66	ø8/12	2	227	SLV	0.25	0.21	988.99	1.00	6077.75	19439.50	6077.75	0.25	0.21	248.15	1.00	6077.75	19439.50	6077.75	6.145	
0.66	2.62	ø8/18	2	237	SLU	0.25	0.21	96.43	1.00	4051.84	19604.30	4051.84	0.25	0.21	863.14	1.00	4051.84	19604.30	4051.84	4.694	
0.66	2.62	ø8/18	2	223	SLV	0.25	0.21	124.04	1.00	4051.84	19452.40	4051.84	0.25	0.21	496.27	1.00	4051.84	19452.40	4051.84	8.165	
0.66	2.62	ø8/18	2	227	SLV	0.25	0.21	988.99	1.00	4051.84	19425.30	4051.84	0.25	0.21	248.15	1.00	4051.84	19425.30	4051.84	4.097	
2.62	3.10	ø8/12	2	237	SLV	0.25	0.21	96.43	1.00	6077.75	19530.60	6077.75	0.25	0.21	1215.34	1.00	6077.75	19530.60	6077.75	5.001	
2.62	3.10	ø8/12	2	223	SLV	0.25	0.21	124.04	1.00	6077.75	19395.70	6077.75	0.25	0.21	496.27	1.00	6077.75	19395.70	6077.75	12.247	
2.62	3.10	ø8/12	2	227	SLV	0.25	0.21	988.99	1.00	6077.75	19368.60	6077.75	0.25	0.21	248.15	1.00	6077.75	19368.60	6077.75	6.145	

Dettagli costruttivi per la duttilità

- CC=21 Da=0.17 A=0.65917 Dir. Y α_e=0.2314 ω_{rid}=0.20744 μΦ_d=16.2415 v_d=2.078 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=53.8195 0.048 >= -0.00995 [7.4.29]
- CC=21 Da=0.17 A=0.65917 Dir. Z α_e=0.2314 ω_{rid}=0.20744 μΦ_d=16.2415 v_d=2.078 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=53.8195 0.048 >= -0.00995 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
113N		ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	E	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	Vjbr <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	Vjwr <daN>
113	Y+	1	SLV	0.00	34617.60	0.00	1.06	34917.20	5529010.00	842962.00	34617.60	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	1.06	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	17266.50	0.00	1.06	27933.70	1276120.00	842962.00	17119.70	35404.40
		3	SLV	0.00	17266.50	0.00	1.04	27933.70	1276120.00	842962.00	17123.20	35404.40

Pilastrata n. 14

Nodi: 14 314

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	TP	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/presoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	3	SLV	1	2	0.00	-3061.12	-449.02	-449.02	-205.63	-205.63	-3061.12	-3078.56	-1431.84	199.69	6.47	6.875
0.00	3	SLV	1	2	0.00	-3061.12	-449.02	-449.02	-205.63	-205.63	-3061.12	-3078.56	-1431.84	199.69	6.47	6.875
3.41	3	SLV	1	2	340.55	-2529.02	975.46	975.46	403.51	403.51	-2529.02	3064.06	1289.43	16.88	6.95	3.149

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
0.00	38	SLE R	1	2	0.00	-3476.00	-82.72	-168.55	2.01	6.03	12.71	149.54
0.00	36	SLE Q	1	2	0.00	-2925.47	-81.38	-27.27	0.00	8.04	7.25	91.95
0.00	38	SLE R	1	2	0.00	-3476.00	-82.72	-168.55	2.01	6.03	12.71	149.54
0.00	36	SLE Q	1	2	0.00	-2925.47	-81.38	-27.27	0.00	8.04	7.25	91.95
3.41	42	SLE R	1	2	340.55	-3792.18	291.29	399.49	4.02	4.02	35.06	350.18
3.41	38	SLE R	1	2	340.55	-2943.90	238.52	432.08	4.02	4.02	34.87	425.36
3.41	36	SLE Q	1	2	340.55	-2393.37	213.53	156.54	4.02	4.02	18.44	190.01

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	b _{w,y}	d _{y,y}	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	Vrd _y	b _{w,z}	d _{z,z}	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.00	0.57	ø8/12	2	237	SLV	0.25	0.21	131.99	1.00	6077.75	19964.20	6077.75	0.25	0.21	258.02	1.00	6077.75	19964.20	6077.75	23.555	
0.00	0.57	ø8/12	2	241	SLV	0.25	0.21	171.51	1.00	6077.75	20277.50	6077.75	0.25	0.21	231.56	1.00	6077.75	20277.50	6077.75	26.247	
0.00	0.57	ø8/12	2	21	SLV	0.25	0.21	27.75	1.00	6077.75	19617.10	6077.75	0.25	0.21	419.30	1.00	6077.75	19617.10	6077.75	14.495	
0.00	0.57	ø8/12	2	213	SLV	0.25	0.21	349.59	1.00	6077.75	19664.50	6077.75	0.25	0.21	162.42	1.00	6077.75	19664.50	6077.75	17.385	
0.57	2.84	ø8/18	2	237	SLV	0.25	0.21	131.99	1.00	4051.84	19942.80	4051.84	0.25	0.21	258.02	1.00	4051.84	19942.80	4051.84	15.703	
0.57	2.84	ø8/18	2	241	SLV	0.25	0.21	171.51	1.00	4051.84	20252.90	4051.84	0.25	0.21	231.56	1.00	4051.84	20252.90	4051.84	17.498	
0.57	2.84	ø8/18	2	21	SLV	0.25	0.21	27.75	1.00	4051.84	19600.60	4051.84	0.25	0.21	419.30	1.00	4051.84	19600.60	4051.84	9.663	
0.57	2.84	ø8/18	2	213	SLV	0.25	0.21	349.59	1.00	4051.84	19648.00	4051.84	0.25	0.21	162.42	1.00	4051.84	19648.00	4051.84	11.590	
2.84	3.41	ø8/12	2	237	SLV	0.25	0.21	131.99	1.00	6077.75	19857.30	6077.75	0.25	0.21	258.02	1.00	6077.75	19857.30	6077.75	23.555	
2.84	3.41	ø8/12	2	241	SLV	0.25	0.21	171.51	1.00	6077.75	20154.20	6077.75	0.25	0.21	231.56	1.00	6077.75	20154.20	6077.75	26.247	
2.84	3.41	ø8/12	2	21	SLV	0.25	0.21	27.75	1.00	6077.75	19534.90	6077.75	0.25	0.21	419.30	1.00	6077.75	19534.90	6077.75	14.495	
2.84	3.41	ø8/12	2	213	SLV	0.25	0.21	349.59	1.00	6077.75	19582.30	6077.75	0.25	0.21	162.42	1.00	6077.75	19582.30	6077.75	17.385	

Dettagli costruttivi per la duttilità

- CC=13 Da=0 A=0.56758 Dir. Y $\alpha_e=0.2314$ $\omega_{\text{nd}}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.091$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=36.1952$ 0.048 >= 0.00224 [7.4.29]
- CC=13 Da=0 A=0.56758 Dir. Z $\alpha_e=0.2314$ $\omega_{\text{nd}}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.091$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=36.1952$ 0.048 >= 0.00224 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
314	S	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	Vjbr <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	Vjwr <daN>
314	Y+	1	SLV	0.00	34617.60	0.00	2.32	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	2.32	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	2.32	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	2.32	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 15

Nodi: 15 415

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ϵ_y	Sic.
0.00	15	SLV	1	2	0.00	-3300.02	152.47	152.47	-471.17	-471.17	-3300.02	1033.60	-3173.78	282.66	7.60	6.708
0.00	15	SLV	1	2	0.00	-3300.02	152.47	152.47	-471.17	-471.17	-3300.02	1033.60	-3173.78	282.66	7.60	6.708
3.65	7	SLV	1	2	365.06	-2505.14	-882.47	-882.47	475.27	475.27	-2505.14	-3000.14	1568.39	157.50	6.24	3.377

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
0.00	38	SLE R	1	2	0.00	-3688.40	-147.32	-85.51	0.00	8.04	12.21	146.37
0.00	36	SLE Q	1	2	0.00	-3080.23	-134.73	38.54	0.00	8.04	9.48	115.19
0.00	38	SLE R	1	2	0.00	-3688.40	-147.32	-85.51	0.00	8.04	12.21	146.37
0.00	36	SLE Q	1	2	0.00	-3080.23	-134.73	38.54	0.00	8.04	9.48	115.19
3.65	42	SLE R	1	2	365.06	-3820.35	444.58	-87.29	4.02	4.02	26.95	272.68
3.65	36	SLE Q	1	2	365.06	-2509.83	321.51	-184.62	4.02	4.02	26.04	288.60

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ_{eq}	Δ_{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ_s <daN/cmq>	ϵ_{sm}	Wk <mm>
3.65	36	SLE Q	1	2	365.06	-2509.83	-184.62	321.51	34.00	166.00	0.50	16.00	100.58	2.01	40.94	288.60	0.08	0.01
3.65	43	SLE F	1	2	365.06	-2509.83	-184.62	321.51	34.00	166.00	0.50	16.00	100.58	2.01	40.94	288.60	0.08	0.01

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	b _{w,y}	d _{y,y}	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	Vrd _y	b _{w,z}	d _{z,z}	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.00	0.61	ø8/12	2	247	SLV	0.25	0.21	200.51	1.00	6077.75	20014.60	6077.75	0.25	0.21	59.31	1.00	6077.75	20014.60	6077.75	30.311	
0.00	0.61	ø8/12	2	241	SLV	0.25	0.21	251.73	1.00	6077.75	20296.00	6077.75	0.25	0.21	24.17	1.00	6077.75	20296.00	6077.75	24.144	
0.00	0.61	ø8/12	2	223	SLV	0.25	0.21	188.80	1.00	6077.75	19643.90	6077.75	0.25	0.21	358.25	1.00	6077.75	19643.90	6077.75	16.965	
0.00	0.61	ø8/12	2	213	SLV	0.25	0.21	359.56	1.00	6077.75	19695.70	6077.75	0.25	0.21	27.08	1.00	6077.75	19695.70	6077.75	16.903	
0.61	3.04	ø8/18	2	237	SLV	0.25	0.21	200.51	1.00	4051.84	19991.70	4051.84	0.25	0.21	59.31	1.00	4051.84	19991.70	4051.84	20.207	
0.61	3.04	ø8/18	2	241	SLV	0.25	0.21	251.73	1.00	4051.84	20269.60	4051.84	0.25	0.21	24.17	1.00	4051.84	20269.60	4051.84	16.096	

0.61	3.04	ø8/18	2	23	SLV	0.25	0.21	188.80	1.00	4051.84	19626.30	4051.84	0.25	0.21	358.25	1.00	4051.84	19626.30	4051.84	11.310
0.61	3.04	ø8/18	2	213	SLV	0.25	0.21	359.56	1.00	4051.84	19678.10	4051.84	0.25	0.21	27.08	1.00	4051.84	19678.10	4051.84	11.269
3.04	3.65	ø8/12	2	237	SLV	0.25	0.21	200.51	1.00	6077.75	19900.10	6077.75	0.25	0.21	59.31	1.00	6077.75	19900.10	6077.75	30.311
3.04	3.65	ø8/12	2	241	SLV	0.25	0.21	251.73	1.00	6077.75	20163.80	6077.75	0.25	0.21	24.17	1.00	6077.75	20163.80	6077.75	24.144
3.04	3.65	ø8/12	2	223	SLV	0.25	0.21	188.80	1.00	6077.75	19555.80	6077.75	0.25	0.21	358.25	1.00	6077.75	19555.80	6077.75	16.965
3.04	3.65	ø8/12	2	213	SLV	0.25	0.21	359.56	1.00	6077.75	19607.60	6077.75	0.25	0.21	27.08	1.00	6077.75	19607.60	6077.75	16.904

Dettagli costruttivi per la duttilità

- CC=13 Da=0 A=0.60843 Dir. Y $\alpha_e=0.2314$ $\omega_{rd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.254$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=34.3745$ 0.048 >= 0.00422 [7.4.29]
- CC=13 Da=0 A=0.60843 Dir. Z $\alpha_e=0.2314$ $\omega_{rd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.254$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=34.3745$ 0.048 >= 0.00422 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
415	S	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
415	Y+	1	SLV	0.00	34617.60	0.00	2.45	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	2.45	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	2.45	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	2.45	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 16

Nodi: 16 416

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε_y	Sic.
0.00	29	SLV	1	2	0.00	-3283.69	-153.04	-153.04	-454.41	-454.41	-3283.69	-1119.33	-3146.86	255.94	7.34	6.891
0.00	29	SLV	1	2	0.00	-3283.69	-153.04	-153.04	-454.41	-454.41	-3283.69	-1119.33	-3146.86	255.94	7.34	6.891
3.65	3	SLV	1	2	365.06	-2482.37	886.60	886.60	435.56	435.56	-2482.37	3030.09	1436.66	19.69	6.59	3.395

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cm ² >	σ_f <daN/cm ² >
0.00	38	SLE R	1	2	0.00	-3610.92	-136.79	-171.40	2.01	6.03	15.09	173.40
0.00	36	SLE Q	1	2	0.00	-3064.10	-118.22	-39.04	0.00	8.04	8.93	109.66
0.00	38	SLE R	1	2	0.00	-3610.92	-136.79	-171.40	2.01	6.03	15.09	173.40
0.00	36	SLE Q	1	2	0.00	-3064.10	-118.22	-39.04	0.00	8.04	8.93	109.66
3.65	38	SLE R	1	2	365.06	-3040.52	355.10	440.02	6.03	2.01	41.78	529.79
3.65	36	SLE Q	1	2	365.06	-2493.70	294.52	184.09	4.02	4.02	24.48	257.07

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>	
3.65	36	SLE	Q	1	2	365.06	-2493.70	184.09	294.52	34.00	166.00	0.50	16.00	98.49	2.01	38.31	257.07	0.07	0.01
3.65	35	SLE	F	1	2	365.06	-2717.72	239.32	317.83	34.00	166.00	0.50	16.00	98.17	2.01	37.92	310.22	0.09	0.02

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	bw _{y,z}	d _{y,z}	Vsdu _{y,z}	ctgθ _{y,z}	VRsd _{y,z}	VRcd _{y,z}	Vrd _{y,z}	bw _z	d _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<cm>	<daN>	<daN>		<daN>	<daN>	<daN>	<cm>	<cm>	<daN>		<daN>	<daN>	<daN>	
0.00	0.61	ø8/12	2	237	SLV	0.25	0.21	188.94	1.00	6077.75	19993.10	6077.75	0.25	0.21	240.92	1.00	6077.75	19993.10	6077.75	25.227	
0.00	0.61	ø8/12	2	241	SLV	0.25	0.21	237.64	1.00	6077.75	20281.40	6077.75	0.25	0.21	204.10	1.00	6077.75	20281.40	6077.75	25.576	
0.00	0.61	ø8/12	2	23	SLV	0.25	0.21	176.83	1.00	6077.75	19640.90	6077.75	0.25	0.21	358.25	1.00	6077.75	19640.90	6077.75	16.965	
0.00	0.61	ø8/12	2	231	SLV	0.25	0.21	347.47	1.00	6077.75	19692.70	6077.75	0.25	0.21	27.03	1.00	6077.75	19692.70	6077.75	17.492	
0.61	3.04	ø8/18	2	237	SLV	0.25	0.21	188.94	1.00	4051.84	19970.20	4051.84	0.25	0.21	240.92	1.00	4051.84	19970.20	4051.84	16.818	
0.61	3.04	ø8/18	2	241	SLV	0.25	0.21	237.64	1.00	4051.84	20254.90	4051.84	0.25	0.21	204.10	1.00	4051.84	20254.90	4051.84	17.050	
0.61	3.04	ø8/18	2	23	SLV	0.25	0.21	176.83	1.00	4051.84	19623.30	4051.84	0.25	0.21	358.25	1.00	4051.84	19623.30	4051.84	11.310	
0.61	3.04	ø8/18	2	231	SLV	0.25	0.21	347.47	1.00	4051.84	19675.00	4051.84	0.25	0.21	27.03	1.00	4051.84	19675.00	4051.84	11.661	
3.04	3.65	ø8/12	2	237	SLV	0.25	0.21	188.94	1.00	6077.75	19878.50	6077.75	0.25	0.21	240.92	1.00	6077.75	19878.50	6077.75	25.227	
3.04	3.65	ø8/12	2	241	SLV	0.25	0.21	237.64	1.00	6077.75	20149.20	6077.75	0.25	0.21	204.10	1.00	6077.75	20149.20	6077.75	25.576	
3.04	3.65	ø8/12	2	23	SLV	0.25	0.21	176.83	1.00	6077.75	19552.80	6077.75	0.25	0.21	358.25	1.00	6077.75	19552.80	6077.75	16.965	
3.04	3.65	ø8/12	2	231	SLV	0.25	0.21	347.47	1.00	6077.75	19604.50	6077.75	0.25	0.21	27.03	1.00	6077.75	19604.50	6077.75	17.492	

Dettagli costruttivi per la duttilità

- CC=31 Da=0 A=0.60843 Dir. Y $\alpha_e=0.2314$ $\omega_{rd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.238$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=34.5429$ 0.048 >= 0.00403 [7.4.29]
- CC=31 Da=0 A=0.60843 Dir. Z $\alpha_e=0.2314$ $\omega_{rd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.238$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=34.5429$ 0.048 >= 0.00403 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
416	S	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05

			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
416	Y+	1	SLV	0.00	34617.60	0.00	2.27	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	2.27	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	2.27	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	2.27	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 17

Nodi: 17 317

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	TP	Fyk <daN/cmq>	Fyd <daN/cmq>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	23	SLV	1	2	0.00	-3057.22	447.92	447.92	-204.24	-204.24	-3057.22	3076.89	-1432.01	340.31	6.48	6.890
0.00	23	SLV	1	2	0.00	-3057.22	447.92	447.92	-204.24	-204.24	-3057.22	3076.89	-1432.01	340.31	6.48	6.890
3.41	23	SLV	1	2	340.55	-2525.11	-973.07	-973.07	403.27	403.27	-2525.11	-3062.36	1289.59	163.12	6.96	3.154

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _s <daN/cmq>
0.00	38	SLE R	1	2	0.00	-3615.52	-98.12	-102.32	0.00	8.04	11.02	134.12
0.00	36	SLE Q	1	2	0.00	-2921.74	-80.20	26.19	0.00	8.04	7.17	91.19
0.00	38	SLE R	1	2	0.00	-3615.52	-98.12	-102.32	0.00	8.04	11.02	134.12
0.00	36	SLE Q	1	2	0.00	-2921.74	-80.20	26.19	0.00	8.04	7.17	91.19
3.41	42	SLE R	1	2	340.55	-3873.17	307.47	-108.25	4.02	4.02	20.51	224.06
3.41	36	SLE Q	1	2	340.55	-2389.64	213.63	-154.19	4.02	4.02	18.32	188.93

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _{y,z} <m>	d _{y,z} <m>	Vsdu _{y,z} <daN>	ctgθ _{y,z}	VRsd _{y,z} <daN>	VRcd _{y,z} <daN>	Vrd _{y,z} <daN>	bw _{y,z} <m>	d _{y,z} <m>	Vsdu _{y,z} <daN>	ctgθ _{y,z}	VRsd _{y,z} <daN>	VRcd _{y,z} <daN>	Vrd _{y,z} <daN>	Sic.
0.00	0.57	ø8/12	2	2	37	SLU	0.25	0.21	150.35	1.00	6077.75	20003.10	6077.75	0.25	0.21	74.09	1.00	6077.75	20003.10	6077.75	40.425
0.00	0.57	ø8/12	2	2	41	SLU	0.25	0.21	182.53	1.00	6077.75	20300.10	6077.75	0.25	0.21	31.51	1.00	6077.75	20300.10	6077.75	33.298
0.00	0.57	ø8/12	2	2	21	SLV	0.25	0.21	27.60	1.00	6077.75	19616.40	6077.75	0.25	0.21	418.30	1.00	6077.75	19616.40	6077.75	14.530
0.00	0.57	ø8/12	2	2	31	SLV	0.25	0.21	348.74	1.00	6077.75	19663.70	6077.75	0.25	0.21	161.36	1.00	6077.75	19663.70	6077.75	17.428
0.57	2.84	ø8/18	2	2	37	SLU	0.25	0.21	150.35	1.00	4051.84	19981.70	4051.84	0.25	0.21	74.09	1.00	4051.84	19981.70	4051.84	26.950
0.57	2.84	ø8/18	2	2	41	SLU	0.25	0.21	182.53	1.00	4051.84	20275.40	4051.84	0.25	0.21	31.51	1.00	4051.84	20275.40	4051.84	22.199
0.57	2.84	ø8/18	2	2	21	SLV	0.25	0.21	27.60	1.00	4051.84	19600.00	4051.84	0.25	0.21	418.30	1.00	4051.84	19600.00	4051.84	9.686
0.57	2.84	ø8/18	2	2	31	SLV	0.25	0.21	348.74	1.00	4051.84	19647.20	4051.84	0.25	0.21	161.36	1.00	4051.84	19647.20	4051.84	11.619
2.84	3.41	ø8/12	2	2	37	SLU	0.25	0.21	150.35	1.00	6077.75	19896.20	6077.75	0.25	0.21	74.09	1.00	6077.75	19896.20	6077.75	40.425
2.84	3.41	ø8/12	2	2	41	SLU	0.25	0.21	182.53	1.00	6077.75	20176.70	6077.75	0.25	0.21	31.51	1.00	6077.75	20176.70	6077.75	33.298
2.84	3.41	ø8/12	2	2	21	SLV	0.25	0.21	27.60	1.00	6077.75	19534.20	6077.75	0.25	0.21	418.30	1.00	6077.75	19534.20	6077.75	14.530
2.84	3.41	ø8/12	2	2	31	SLV	0.25	0.21	348.74	1.00	6077.75	19581.50	6077.75	0.25	0.21	161.36	1.00	6077.75	19581.50	6077.75	17.428

Dettagli costruttivi per la duttilità

- CC=31 Da=0 A=0.56758 Dir. Y α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=3.086 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=36.2433 0.048 >= 0.0022 [7.4.29]
- CC=31 Da=0 A=0.56758 Dir. Z α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=3.086 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=36.2433 0.048 >= 0.0022 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
317S		ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
317	Y+	1	SLV	0.00	34617.60	0.00	2.19	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	2.19	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	2.19	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	2.19	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 18

Nodi: 18 118

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	TP	Fyk <daN/cmq>	Fyd <daN/cmq>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.179	9	SLV	1	2	17.00	-1968.20	-179.75	-179.75	1608.44	1608.44	-1968.20	-312.04	3116.27	92.81	10.95	1.935
0.179	9	SLV	1	2	17.00	-1968.20	-179.75	-179.75	1608.44	1608.44	-1968.20	-312.04	3116.27	92.81	10.95	1.935

3.10	9	SLV	1	2	310.50	-1509.60	552.62	552.62	-1288.60	-1288.60	-1509.60	1299.53	-2977.31	286.88	7.18	2.317
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Stato limite d'esercizio - Verifiche tensionali

Xg	CC	TCC	El	Sez.	X	N	Mz	My	AfT	AfC	σ_c	σ_t
<m>					<cm>	<daN>	<daNm>	<daNm>	<cmq>	<cmq>	<daN/cmq>	<daN/cmq>
0.17	38	SLE R	1	2	17.00	-2196.55	47.36	-260.24	4.02	4.02	15.60	157.27
0.17	36	SLE Q	1	2	17.00	-1834.30	102.33	-56.48	2.01	6.03	7.79	89.21
0.17	38	SLE R	1	2	17.00	-2196.55	47.36	-260.24	4.02	4.02	15.60	157.27
0.17	36	SLE Q	1	2	17.00	-1834.30	102.33	-56.48	2.01	6.03	7.79	89.21
3.10	42	SLE R	1	2	310.50	-2136.33	49.73	768.93	4.02	4.02	41.60	836.84
3.10	36	SLE Q	1	2	310.50	-1375.70	8.07	381.99	4.02	4.02	19.71	368.63

Stato limite d'esercizio - Verifiche a fessurazione

Xg	CC	TCC	El	Sez.	X	N	My	Mz	c	s	K ₂	Φ_{eq}	Δ_{sm}	A _s	A _{c eff}	σ_s	ϵ_{sm}	Wk
<m>					<cm>	<daN>	<daNm>	<daNm>	<mm>	<mm>			<mm>	<cmq>	<cmq>	<daN/cmq>		<mm>
3.10	36	SLE Q	1	2	310.50	-1375.70	381.99	8.07	34.00	166.00	0.50	16.00	118.83	4.02	127.74	368.63	0.11	0.02
3.10	35	SLE F	1	2	310.50	-1514.01	461.80	20.20	34.00	166.00	0.50	16.00	117.84	4.02	125.27	469.36	0.14	0.03

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff	Br _y	Br _z	CC	TCC	b _{w,y}	d _{y,y}	Vsdu _y	ctgθ _y	VRsd _y	VRCd _y	Vrd _y	b _{w,z}	d _{z,z}	Vsdu _z	ctgθ _z	VRsd _z	VRCd _z	Vrd _z	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.17	0.66	ø8/12	2	237	SLV	0.25	0.21	12.80	1.00	6077.75	19630.20	6077.75	0.25	0.21	972.34	1.00	6077.75	19630.20	6077.75	6.251	
0.17	0.66	ø8/12	2	23	SLV	0.25	0.21	121.58	1.00	6077.75	19467.00	6077.75	0.25	0.21	497.73	1.00	6077.75	19467.00	6077.75	12.211	
0.17	0.66	ø8/12	2	29	SLV	0.25	0.21	987.07	1.00	6077.75	19439.90	6077.75	0.25	0.21	249.53	1.00	6077.75	19439.90	6077.75	6.157	
0.66	2.62	ø8/18	2	237	SLV	0.25	0.21	12.80	1.00	4051.84	19611.80	4051.84	0.25	0.21	796.24	1.00	4051.84	19611.80	4051.84	5.089	
0.66	2.62	ø8/18	2	23	SLV	0.25	0.21	121.58	1.00	4051.84	19452.80	4051.84	0.25	0.21	497.73	1.00	4051.84	19452.80	4051.84	8.141	
0.66	2.62	ø8/18	2	29	SLV	0.25	0.21	987.07	1.00	4051.84	19425.70	4051.84	0.25	0.21	249.53	1.00	4051.84	19425.70	4051.84	4.105	
2.62	3.10	ø8/12	2	241	SLV	0.25	0.21	12.68	1.00	6077.75	19690.30	6077.75	0.25	0.21	291.85	1.00	6077.75	19690.30	6077.75	20.825	
2.62	3.10	ø8/12	2	237	SLV	0.25	0.21	12.80	1.00	6077.75	19538.10	6077.75	0.25	0.21	91.84	1.00	6077.75	19538.10	6077.75	66.176	
2.62	3.10	ø8/12	2	23	SLV	0.25	0.21	121.58	1.00	6077.75	19396.20	6077.75	0.25	0.21	497.73	1.00	6077.75	19396.20	6077.75	12.211	
2.62	3.10	ø8/12	2	29	SLV	0.25	0.21	987.07	1.00	6077.75	19369.00	6077.75	0.25	0.21	249.53	1.00	6077.75	19369.00	6077.75	6.157	

Dettagli costruttivi per la duttilità

- CC=1 Da=0.17 A=0.65917 Dir. Y $\alpha_e=0.2314$ $\omega_{wd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.08$ $E_{sy,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=53.767$
0.048 >= -0.00993 [7.4.29]
- CC=1 Da=0.17 A=0.65917 Dir. Z $\alpha_e=0.2314$ $\omega_{wd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.08$ $E_{sy,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=53.767$
0.048 >= -0.00993 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1	As2	Bj	Hjc	Hjw	Ash
						<cmq>	<cmq>	<m>	<m>	<m>	<cmq>
118N		ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	E	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc	Vjbd	vd _s	vd _i	VjbR	Afni	Rfni	Vjwd	VjwR
				<daN>	<daN>			<daN>	<daN/mq>	<daN/mq>	<daN>	<daN>
118Y+	1	SLV	0.00	34617.60	0.00	1.63	34917.20	5529010.00	842962.00	34617.60	35404.40	
	Z+	1	SLV	0.00	17266.50	0.00	1.63	27933.70	1276120.00	842962.00	17040.70	35404.40
		23	SLV	0.00	17266.50	0.00	1.04	27933.70	1276120.00	842962.00	17122.90	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	1.63	34917.20	5529010.00	842962.00	34617.60	35404.40

Pilastrata n. 19

Nodi: 19 119

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf	Cl _s	Fck	Fctk	Fcd	Fctd	Tp	Fyk	Fyd
		<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg	CC	TCC	El	Sez.	X	N	My	My ver.	Mz	Mz ver.	Nu	MRdy	MRdz	α	ϵ_T	Sic.
<m>					<cm>	<daN>	<daNm>	<daNm>	<daNm>	<daNm>	<daN>	<daNm>	<daNm>	<grad>		
0.17	13(e)	SLV	1	2	17.00	-2213.21	-38.54	-44.26	-1454.34	-1454.34	-2213.21	-50.23	-3121.92	269.30	11.60	2.146
0.17	13(e)	SLV	1	2	17.00	-2213.21	-38.54	-44.26	-1454.34	-1454.34	-2213.21	-50.23	-3121.92	269.30	11.60	2.146
3.10	15	SLV	1	2	310.50	-1930.85	-647.86	-647.86	1214.84	1214.84	-1930.85	-1571.39	2951.93	112.50	6.35	2.429

Stato limite d'esercizio - Verifiche tensionali

Xg	CC	TCC	El	Sez.	X	N	Mz	My	AfT	AfC	σ_c	σ_t
<m>					<cm>	<daN>	<daNm>	<daNm>	<cmq>	<cmq>	<daN/cmq>	<daN/cmq>
0.17	38	SLE R	1	2	17.00	-2905.63	-5.63	-124.12	0.00	8.04	7.87	97.98
0.17	36	SLE Q	1	2	17.00	-2449.32	-57.10	73.40	0.00	8.04	7.29	89.16
0.17	38	SLE R	1	2	17.00	-2905.63	-5.63	-124.12	0.00	8.04	7.87	97.98
0.17	36	SLE Q	1	2	17.00	-2449.32	-57.10	73.40	0.00	8.04	7.29	89.16
3.10	42	SLE R	1	2	310.50	-2996.43	97.19	-824.09	4.02	4.02	47.38	843.21
3.10	36	SLE Q	1	2	310.50	-1990.73	91.22	-453.99	4.02	4.02	28.30	450.66

Stato limite d'esercizio - Verifiche a fessurazione

Xg	CC	TCC	El	Sez.	X	N	My	Mz	c	s	K ₂	Φ_{eq}	Δ_{sm}	A _s	A _{c eff}	σ_s	ϵ_{sm}	Wk
<m>					<cm>	<daN>	<daNm>	<daNm>	<mm>	<mm>			<mm>	<cmq>	<cmq>	<daN/cmq>		<mm>
3.10	36	SLE Q	1	2	310.50	-1990.73	-453.99	91.22	34.00	166.00	0.50	16.00	139.22	2.01	89.50	450.66	0.13	0.03
3.10	35	SLE F	1	2	310.50	-2170.71	-515.81	87.93	34.00	166.00	0.50	16.00	144.64	2.01	96.30	511.81	0.15	0.04

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _{,y} <m>	d _{,y} <m>	Vsdu _{,y} <daN>	ctgθ _{,y}	VRsd _{,y} <daN>	VRcd _{,y} <daN>	Vrd _{,y} <daN>	bw _{,z} <m>	d _{,z} <m>	Vsdu _{,z} <daN>	ctgθ _{,z}	VRsd _{,z} <daN>	VRcd _{,z} <daN>	Vrd _{,z} <daN>	Sic.
0.17	0.66	ø8/12	2	2	37	SLV	0.25	0.21	23.77	1.00	6077.75	19813.00	6077.75	0.25	0.21	838.90	1.00	6077.75	19813.00	6077.75	7.245
0.17	0.66	ø8/12	2	2	41	SLV	0.25	0.21	67.22	1.00	6077.75	20035.80	6077.75	0.25	0.21	211.58	1.00	6077.75	20035.80	6077.75	28.726
0.17	0.66	ø8/12	2	2	7	SLV	0.25	0.21	293.85	1.00	6077.75	19574.70	6077.75	0.25	0.21	530.45	1.00	6077.75	19574.70	6077.75	11.458
0.17	0.66	ø8/12	2	2	13	SLV	0.25	0.21	922.84	1.00	6077.75	19485.30	6077.75	0.25	0.21	85.21	1.00	6077.75	19485.30	6077.75	6.586
0.66	2.62	ø8/18	2	2	37	SLV	0.25	0.21	23.77	1.00	4051.84	19794.60	4051.84	0.25	0.21	922.10	1.00	4051.84	19794.60	4051.84	4.394
0.66	2.62	ø8/18	2	2	41	SLV	0.25	0.21	67.22	1.00	4051.84	20014.50	4051.84	0.25	0.21	845.02	1.00	4051.84	20014.50	4051.84	4.795
0.66	2.62	ø8/18	2	2	7	SLV	0.25	0.21	293.85	1.00	4051.84	19560.50	4051.84	0.25	0.21	530.45	1.00	4051.84	19560.50	4051.84	7.638
0.66	2.62	ø8/18	2	2	13	SLV	0.25	0.21	922.84	1.00	4051.84	19471.10	4051.84	0.25	0.21	85.21	1.00	4051.84	19471.10	4051.84	4.391
2.62	3.10	ø8/12	2	2	37	SLV	0.25	0.21	23.77	1.00	6077.75	19720.90	6077.75	0.25	0.21	1274.30	1.00	6077.75	19720.90	6077.75	4.769
2.62	3.10	ø8/12	2	2	41	SLV	0.25	0.21	67.22	1.00	6077.75	19929.50	6077.75	0.25	0.21	1056.34	1.00	6077.75	19929.50	6077.75	5.754
2.62	3.10	ø8/12	2	2	7	SLV	0.25	0.21	293.85	1.00	6077.75	19503.90	6077.75	0.25	0.21	530.45	1.00	6077.75	19503.90	6077.75	11.458
2.62	3.10	ø8/12	2	2	13	SLV	0.25	0.21	922.84	1.00	6077.75	19414.40	6077.75	0.25	0.21	85.21	1.00	6077.75	19414.40	6077.75	6.586

Dettagli costruttivi per la duttilità

- CC=21 Da=0.17 A=0.65917 Dir. Y α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=2.712 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=41.2431 0.048 >= -0.00231 [7.4.29]
- CC=21 Da=0.17 A=0.65917 Dir. Z α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=2.712 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=41.2431 0.048 >= -0.00231 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
119	N	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	E	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
119	Y+	1	SLV	0.00	34617.60	0.00	1.69	34917.20	5529010.00	842962.00	34617.60	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	1.69	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	17266.50	0.00	1.69	27933.70	1276120.00	842962.00	17033.50	35404.40
		3	SLV	0.00	17266.50	0.00	1.60	27933.70	1276120.00	842962.00	17045.10	35404.40

Pilastrata n. 20

Nodi: 20 320

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
2	R	25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	13	SLV	1	2	0.00	-3255.38	-148.68	-148.68	-470.00	-470.00	-3255.38	-1034.13	-3169.25	257.34	7.61	6.742
0.00	13	SLV	1	2	0.00	-3255.38	-148.68	-148.68	-470.00	-470.00	-3255.38	-1034.13	-3169.25	257.34	7.61	6.742
3.41	19	SLV	1	2	340.55	-2866.34	1010.76	1010.76	437.04	437.04	-2866.34	3090.89	1286.87	16.88	6.90	3.040

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _f <daN/cmq>
0.00	42	SLE	R	1	2	0.00	-5182.66	-102.16	-140.85	0.00	8.04	14.39
0.00	38	SLE	R	1	2	0.00	-4119.44	-86.33	-182.77	2.01	6.03	13.98
0.00	36	SLE	Q	1	2	0.00	-3388.93	-85.33	-33.22	0.00	8.04	8.17
0.00	42	SLE	R	1	2	0.00	-5182.66	-102.16	-140.85	0.00	8.04	14.39
0.00	38	SLE	R	1	2	0.00	-4119.44	-86.33	-182.77	2.01	6.03	13.98
0.00	36	SLE	Q	1	2	0.00	-3388.93	-85.33	-33.22	0.00	8.04	8.17
3.41	42	SLE	R	1	2	340.55	-4650.56	312.99	469.17	4.02	4.02	39.41
3.41	38	SLE	R	1	2	340.55	-3587.34	257.96	490.15	4.02	4.02	38.63
3.41	36	SLE	Q	1	2	340.55	-2856.83	235.18	191.17	2.01	6.03	21.13

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _{,y} <m>	d _{,y} <m>	Vsdu _{,y} <daN>	ctgθ _{,y}	VRsd _{,y} <daN>	VRcd _{,y} <daN>	Vrd _{,y} <daN>	bw _{,z} <m>	d _{,z} <m>	Vsdu _{,z} <daN>	ctgθ _{,z}	VRsd _{,z} <daN>	VRcd _{,z} <daN>	Vrd _{,z} <daN>	Sic.
0.00	0.57	ø8/12	2	2	37	SLV	0.25	0.21	141.59	1.00	6077.75	20132.70	6077.75	0.25	0.21	288.71	1.00	6077.75	20132.70	6077.75	21.052
0.00	0.57	ø8/12	2	2	41	SLV	0.25	0.21	182.86	1.00	6077.75	20516.30	6077.75	0.25	0.21	268.70	1.00	6077.75	20516.30	6077.75	22.619
0.00	0.57	ø8/12	2	2	17	SLV	0.25	0.21	1.66	1.00	6077.75	19720.80	6077.75	0.25	0.21	430.55	1.00	6077.75	19720.80	6077.75	14.116
0.00	0.57	ø8/12	2	2	13	SLV	0.25	0.21	414.17	1.00	6077.75	19678.50	6077.75	0.25	0.21	165.44	1.00	6077.75	19678.50	6077.75	14.674
0.57	2.84	ø8/18	2	2	37	SLV	0.25	0.21	141.59	1.00	4051.84	20111.40	4051.84	0.25	0.21	288.71	1.00	4051.84	20111.40	4051.84	14.034
0.57	2.84	ø8/18	2	2	41	SLV	0.25	0.21	182.86	1.00	4051.84	20491.60	4051.84	0.25	0.21	268.70	1.00	4051.84	20491.60	4051.84	15.080
0.57	2.84	ø8/18	2	2	17	SLV	0.25	0.21	1.66	1.00	4051.84	19704.40	4051.84	0.25	0.21	430.55	1.00	4051.84	19704.40	4051.84	9.411
0.57	2.84	ø8/18	2	2	13	SLV	0.25	0.21	414.17	1.00	4051.84	19662.10	4051.84	0.25	0.21	165.44	1.00	4051.84	19662.10	4051.84	9.783
2.84	3.41	ø8/12	2	2	37	SLV	0.25	0.21	141.59	1.00	6077.75	20025.90	6077.75	0.25	0.21	288.71	1.00	6077.75	20025.90	6077.75	21.052
2.84	3.41	ø8/12	2	2	41	SLV	0.25	0.21	182.86	1.00	6077.75	20392.90	6077.75	0.25	0.21	268.70	1.00	6077.75	20392.90	6077.75	22.619
2.84	3.41	ø8/12	2	2	17	SLV	0.25	0.21	1.66	1.00	6077.75	19638.60	6077.75	0.25	0.21	430.55	1.00	6077.75	19638.60	6077.75	14.116
2.84	3.41	ø8/12	2	2	13	SLV	0.25	0.21	414.17	1.00	6077.75	19596.30	6077.75	0.25	0.21	165.44	1.00	6077.75	19596.30	6077.75	14.674

Dettagli costruttivi per la duttilità

- CC=25 Da=0 A=0.56758 Dir. Y α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.451 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=32.4162 0.048 >= 0.00659 [7.4.29]
- CC=25 Da=0 A=0.56758 Dir. Z α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.451 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=32.4162 0.048 >= 0.00659 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
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320	S	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
320	Y+	1	SLV	0.00	34617.60	0.00	2.86	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	2.86	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	2.86	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	2.86	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 21

Nodi: 21 421

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	TP	Fyk <daN/cmq>	Fyd <daN/cmq>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/presoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	15	SLV	1	2	0.00	-3510.33	171.79	171.79	-503.49	-503.49	-3510.33	1116.11	-3175.99	284.06	7.27	6.297
0.00	15	SLV	1	2	0.00	-3510.33	171.79	171.79	-503.49	-503.49	-3510.33	1116.11	-3175.99	284.06	7.27	6.297
3.65	15	SLV	1	2	365.06	-2939.93	-471.19	-471.19	1001.09	1001.09	-2939.93	-1432.42	3072.81	109.69	6.49	3.061

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _f <daN/cmq>
0.00	38	SLE R	1	2	0.00	-4508.31	-148.29	-71.63	0.00	8.04	12.78	157.74
0.00	36	SLE Q	1	2	0.00	-3686.33	-136.79	54.14	0.00	8.04	10.80	132.47
0.00	38	SLE R	1	2	0.00	-4508.31	-148.29	-71.63	0.00	8.04	12.78	157.74
0.00	36	SLE Q	1	2	0.00	-3686.33	-136.79	54.14	0.00	8.04	10.80	132.47
3.65	42	SLE R	1	2	365.06	-4900.38	446.51	-198.49	4.02	4.02	32.02	336.84
3.65	36	SLE Q	1	2	365.06	-3115.93	334.85	-260.34	4.02	4.02	30.34	309.11

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
3.65	36	SLE Q	1	2	365.06	-3115.93	-260.34	334.85	34.00	166.00	0.50	16.00	96.59	2.01	35.92	309.11	0.09	0.01
3.65	43	SLE F	1	2	365.06	-3115.93	-260.34	334.85	34.00	166.00	0.50	16.00	96.59	2.01	35.92	309.11	0.09	0.01

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff	Br _y	Br _z	CC	TCC	bw _{,y}	d _{,y}	Vsdu _{,y}	ctgθ _{,y}	VRsd _{,y}	VRod _{,y}	Vrd _{,y}	bw _{,z}	d _{,z}	Vsdu _{,z}	ctgθ _{,z}	VRsd _{,z}	VRod _{,z}	Vrd _{,z}	Sic.
<m>	<m>						<m>	<cm>	<daN>		<daN>	<daN>	<daN>	<m>	<cm>	<daN>		<daN>	<daN>	<daN>	
0.00	0.61	ø8/12	2	241	SLV	0.25	0.21	252.47	1.00	6077.75	20596.40	6077.75	0.25	0.21	78.43	1.00	6077.75	20596.40	6077.75	24.073	
0.00	0.61	ø8/12	2	25	SLV	0.25	0.21	44.98	1.00	6077.75	19752.30	6077.75	0.25	0.21	380.58	1.00	6077.75	19752.30	6077.75	15.970	
0.00	0.61	ø8/12	2	213	SLV	0.25	0.21	414.30	1.00	6077.75	19734.20	6077.75	0.25	0.21	3.14	1.00	6077.75	19734.20	6077.75	14.670	
0.61	3.04	ø8/18	2	241	SLV	0.25	0.21	252.47	1.00	4051.84	20569.90	4051.84	0.25	0.21	78.43	1.00	4051.84	20569.90	4051.84	16.049	
0.61	3.04	ø8/18	2	25	SLV	0.25	0.21	44.98	1.00	4051.84	19734.70	4051.84	0.25	0.21	380.58	1.00	4051.84	19734.70	4051.84	10.646	
0.61	3.04	ø8/18	2	213	SLV	0.25	0.21	414.30	1.00	4051.84	19716.50	4051.84	0.25	0.21	3.14	1.00	4051.84	19716.50	4051.84	9.780	
3.04	3.65	ø8/12	2	241	SLV	0.25	0.21	252.47	1.00	6077.75	20464.20	6077.75	0.25	0.21	78.43	1.00	6077.75	20464.20	6077.75	24.073	
3.04	3.65	ø8/12	2	25	SLV	0.25	0.21	44.98	1.00	6077.75	19664.20	6077.75	0.25	0.21	380.58	1.00	6077.75	19664.20	6077.75	15.970	
3.04	3.65	ø8/12	2	213	SLV	0.25	0.21	414.30	1.00	6077.75	19646.00	6077.75	0.25	0.21	3.14	1.00	6077.75	19646.00	6077.75	14.670	

Dettagli costruttivi per la duttilità

- CC=25 Da=0 A=0.60843 Dir. Y α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.754 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=29.798 0.048 >= 0.01024 [7.4.29]
- CC=25 Da=0 A=0.60843 Dir. Z α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.754 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=29.798 0.048 >= 0.01024 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
421	S	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
421	Y+	1	SLV	0.00	34617.60	0.00	3.14	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	3.14	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	3.14	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	3.14	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 22

Nodi: 22 422

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	TP	Fyk <daN/cmq>	Fyd <daN/cmq>
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2R	25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
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Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ϵ_y	Sic.
0.00	29	SLV	1	2	0.00	-3515.56	-171.93	-171.93	-486.57	-486.57	-3515.56	-1116.01	-3176.87	255.94	7.27	6.484
0.00	29	SLV	1	2	0.00	-3515.56	-171.93	-171.93	-486.57	-486.57	-3515.56	-1116.01	-3176.87	255.94	7.27	6.484
3.65	29	SLV	1	2	365.06	-2945.16	471.19	471.19	969.97	969.97	-2945.16	1432.77	3069.30	70.31	6.50	3.141

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
0.00	42	SLE R	1	2	0.00	-5434.71	-155.09	-153.20	0.00	8.04	16.79	203.88
0.00	38	SLE R	1	2	0.00	-4444.06	-137.97	-196.31	2.01	6.03	16.73	195.82
0.00	36	SLE Q	1	2	0.00	-3691.39	-120.15	-54.72	0.00	8.04	10.30	127.55
0.00	42	SLE R	1	2	0.00	-5434.71	-155.09	-153.20	0.00	8.04	16.79	203.88
0.00	38	SLE R	1	2	0.00	-4444.06	-137.97	-196.31	2.01	6.03	16.73	195.82
0.00	36	SLE Q	1	2	0.00	-3691.39	-120.15	-54.72	0.00	8.04	10.30	127.55
3.65	38	SLE R	1	2	365.06	-3873.65	360.95	544.63	4.02	4.02	47.15	570.07
3.65	36	SLE Q	1	2	365.06	-3120.99	304.22	261.12	4.02	4.02	28.62	286.97

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ_{eq}	Δ_{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ_s <daN/cmq>	ϵ_{sm}	Wk <mm>
3.65	39	SLE F	1	2	365.06	-3114.95	310.12	305.34	34.00	0.00	0.50	16.00	96.50	2.01	35.82	325.69	0.09	0.02

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _c	TCC	bw _y <cm>	d _y <cm>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	bw _z <cm>	d _z <cm>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.61	ø8/12	2	237	SLV	0.25	0.21	191.81	1.00	6077.75	20209.80	6077.75	0.25	0.21	290.47	1.00	6077.75	20209.80	6077.75	20.924
0.00	0.61	ø8/12	2	241	SLV	0.25	0.21	237.40	1.00	6077.75	20586.30	6077.75	0.25	0.21	266.25	1.00	6077.75	20586.30	6077.75	22.827
0.00	0.61	ø8/12	2	217	SLV	0.25	0.21	32.10	1.00	6077.75	19753.20	6077.75	0.25	0.21	381.05	1.00	6077.75	19753.20	6077.75	15.950
0.00	0.61	ø8/12	2	231	SLV	0.25	0.21	401.14	1.00	6077.75	19735.10	6077.75	0.25	0.21	3.18	1.00	6077.75	19735.10	6077.75	15.151
0.61	3.04	ø8/18	2	237	SLV	0.25	0.21	191.81	1.00	4051.84	20186.90	4051.84	0.25	0.21	290.47	1.00	4051.84	20186.90	4051.84	13.949
0.61	3.04	ø8/18	2	241	SLV	0.25	0.21	237.40	1.00	4051.84	20559.90	4051.84	0.25	0.21	266.25	1.00	4051.84	20559.90	4051.84	15.218
0.61	3.04	ø8/18	2	217	SLV	0.25	0.21	32.10	1.00	4051.84	19735.60	4051.84	0.25	0.21	381.05	1.00	4051.84	19735.60	4051.84	10.633
0.61	3.04	ø8/18	2	231	SLV	0.25	0.21	401.14	1.00	4051.84	19717.50	4051.84	0.25	0.21	3.18	1.00	4051.84	19717.50	4051.84	10.101
3.04	3.65	ø8/12	2	237	SLV	0.25	0.21	191.81	1.00	6077.75	20095.20	6077.75	0.25	0.21	290.47	1.00	6077.75	20095.20	6077.75	20.924
3.04	3.65	ø8/12	2	241	SLV	0.25	0.21	237.39	1.00	6077.75	20454.20	6077.75	0.25	0.21	266.25	1.00	6077.75	20454.20	6077.75	22.827
3.04	3.65	ø8/12	2	217	SLV	0.25	0.21	32.10	1.00	6077.75	19665.10	6077.75	0.25	0.21	381.05	1.00	6077.75	19665.10	6077.75	15.950
3.04	3.65	ø8/12	2	231	SLV	0.25	0.21	401.14	1.00	6077.75	19647.00	6077.75	0.25	0.21	3.18	1.00	6077.75	19647.00	6077.75	15.151

Dettagli costruttivi per la duttilità

- CC=11 Da=0 A=0.60843 Dir. Y $\alpha_e=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.759$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=29.7602$
0.048 >= 0.0103 [7.4.29]
- CC=11 Da=0 A=0.60843 Dir. Z $\alpha_e=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.759$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=29.7602$
0.048 >= 0.0103 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
422	S	ø12/ 6	Y+ I	2	4.02	4.02	0.25	0.16	0.17	9.05	
			Z+ I	2	4.01	4.01	0.25	0.16	0.17	9.05	
			Y- I	2	4.02	4.02	0.25	0.16	0.17	9.05	
			Z- I	2	4.01	4.01	0.25	0.16	0.17	9.05	

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
422	Y+	1	SLV	0.00	34617.60	0.00	3.01	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	3.01	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	3.01	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	3.01	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 23

Nodi: 23 323

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ϵ_y	Sic.
0.00	31	SLV	1	2	0.00	-3255.11	148.17	148.17	-467.37	-467.37	-3255.11	1034.68	-3164.54	282.66	7.62	6.787
0.00	31	SLV	1	2	0.00	-3255.11	148.17	148.17	-467.37	-467.37	-3255.11	1034.68	-3164.54	282.66	7.62	6.787
3.41	7	SLV	1	2	340.55	-2865.82	-1008.34	-1008.34	434.13	434.13	-2865.82	-3091.12	1286.85	163.12	6.90	3.050

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
0.00	38	SLE R	1	2	0.00	-4249.14	-102.08	-100.30	0.00	8.04	11.89	147.16
0.00	36	SLE Q	1	2	0.00	-3388.33	-83.48	32.23	0.00	8.04	8.08	103.42
0.00	38	SLE R	1	2	0.00	-4249.14	-102.08	-100.30	0.00	8.04	11.89	147.16
0.00	36	SLE Q	1	2	0.00	-3388.33	-83.48	32.23	0.00	8.04	8.08	103.42

3.41	42	SLE R	1	2	340.55	-4727.25	330.11	-163.72	2.01	6.03	24.11	266.55
3.41	36	SLE Q	1	2	340.55	-2856.23	232.69	-188.48	2.01	6.03	20.85	217.05

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _y <m>	d _y <m>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	bw _z <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.57	ø8/12	2	241	SLU	0.25	0.21	194.25	1.00	6077.75	20537.60	6077.75	0.25	0.21	59.18	1.00	6077.75	20537.60	6077.75	31.288	
0.00	0.57	ø8/12	2	25	SLV	0.25	0.21	0.57	1.00	6077.75	19720.70	6077.75	0.25	0.21	429.33	1.00	6077.75	19720.70	6077.75	14.156	
0.00	0.57	ø8/12	2	231	SLV	0.25	0.21	412.26	1.00	6077.75	19678.50	6077.75	0.25	0.21	164.78	1.00	6077.75	19678.50	6077.75	14.743	
0.57	2.84	ø8/18	2	241	SLU	0.25	0.21	194.25	1.00	4051.84	20512.90	4051.84	0.25	0.21	59.18	1.00	4051.84	20512.90	4051.84	20.858	
0.57	2.84	ø8/18	2	25	SLV	0.25	0.21	0.57	1.00	4051.84	19704.20	4051.84	0.25	0.21	429.33	1.00	4051.84	19704.20	4051.84	9.438	
0.57	2.84	ø8/18	2	231	SLV	0.25	0.21	412.26	1.00	4051.84	19662.00	4051.84	0.25	0.21	164.78	1.00	4051.84	19662.00	4051.84	9.828	
2.84	3.41	ø8/12	2	241	SLU	0.25	0.21	194.25	1.00	6077.75	20414.30	6077.75	0.25	0.21	59.18	1.00	6077.75	20414.30	6077.75	31.288	
2.84	3.41	ø8/12	2	25	SLV	0.25	0.21	0.57	1.00	6077.75	19638.50	6077.75	0.25	0.21	429.33	1.00	6077.75	19638.50	6077.75	14.156	
2.84	3.41	ø8/12	2	231	SLV	0.25	0.21	412.26	1.00	6077.75	19596.20	6077.75	0.25	0.21	164.78	1.00	6077.75	19596.20	6077.75	14.743	

Dettagli costruttivi per la duttilità

- CC=11 Da=0 A=0.56758 Dir. Y $\alpha_e=0.2314$ $\omega_{Nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.45$ $E_{sy,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=32.4249$ 0.048 >= 0.00658 [7.4.29]
- CC=11 Da=0 A=0.56758 Dir. Z $\alpha_e=0.2314$ $\omega_{Nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.45$ $E_{sy,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=32.4249$ 0.048 >= 0.00658 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
323	S	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
323	Y+	1	SLV	0.00	34617.60	0.00	2.78	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	2.78	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	2.78	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	2.78	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 24

Nodi: 24 124

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.17	31 (e)	SLV	1	2	17.00	-2215.30	38.08	44.31	-1447.12	-1447.12	-2215.30	50.24	-3121.23	270.70	11.60	2.156
0.17	31 (e)	SLV	1	2	17.00	-2215.30	38.08	44.31	-1447.12	-1447.12	-2215.30	50.24	-3121.23	270.70	11.60	2.156
3.10	41	SLU	1	2	310.50	-4513.76	1399.09	1399.09	224.50	224.50	-4513.76	3318.11	523.66	5.62	9.11	2.371

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _f <daN/cmq>
0.17	38	SLE R	1	2	17.00	-2924.52	-115.20	-291.24	4.02	4.02	20.33	210.69
0.17	36	SLE Q	1	2	17.00	-2451.14	-54.76	-74.45	0.00	8.04	7.25	88.78
0.17	38	SLE R	1	2	17.00	-2924.52	-115.20	-291.24	4.02	4.02	20.33	210.69
0.17	36	SLE Q	1	2	17.00	-2451.14	-54.76	-74.45	0.00	8.04	7.25	88.78
3.10	42	SLE R	1	2	310.50	-3009.17	149.66	932.73	4.02	4.02	56.04	1026.00
3.10	36	SLE Q	1	2	310.50	-1992.55	88.92	456.89	4.02	4.02	28.32	452.81

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
3.10	36	SLE Q	1	2	310.50	-1992.55	456.89	88.92	34.00	166.00	0.50	16.00	140.28	2.01	90.83	452.81	0.13	0.03
3.10	35	SLE F	1	2	310.50	-2176.02	553.69	104.04	34.00	166.00	0.50	16.00	143.46	2.01	94.82	573.77	0.17	0.04

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _y <m>	d _y <m>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	bw _z <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.17	0.66	ø8/12	2	237	SLU	0.25	0.21	125.89	1.00	6077.75	19818.30	6077.75	0.25	0.21	1048.74	1.00	6077.75	19818.30	6077.75	5.795	
0.17	0.66	ø8/12	2	241	SLU	0.25	0.21	126.93	1.00	6077.75	20039.30	6077.75	0.25	0.21	922.50	1.00	6077.75	20039.30	6077.75	6.588	
0.17	0.66	ø8/12	2	219	SLV	0.25	0.21	291.35	1.00	6077.75	19575.10	6077.75	0.25	0.21	531.65	1.00	6077.75	19575.10	6077.75	11.432	
0.17	0.66	ø8/12	2	231	SLV	0.25	0.21	918.20	1.00	6077.75	19485.70	6077.75	0.25	0.21	86.10	1.00	6077.75	19485.70	6077.75	6.619	
0.66	2.62	ø8/18	2	237	SLU	0.25	0.21	125.89	1.00	4051.84	19799.80	4051.84	0.25	0.21	872.64	1.00	4051.84	19799.80	4051.84	4.643	
0.66	2.62	ø8/18	2	241	SLU	0.25	0.21	126.93	1.00	4051.84	20018.10	4051.84	0.25	0.21	816.84	1.00	4051.84	20018.10	4051.84	4.960	
0.66	2.62	ø8/18	2	219	SLV	0.25	0.21	291.35	1.00	4051.84	19560.90	4051.84	0.25	0.21	531.65	1.00	4051.84	19560.90	4051.84	7.621	
0.66	2.62	ø8/18	2	231	SLV	0.25	0.21	918.20	1.00	4051.84	19471.50	4051.84	0.25	0.21	86.10	1.00	4051.84	19471.50	4051.84	4.413	
2.62	3.10	ø8/12	2	241	SLU	0.25	0.21	126.93	1.00	6077.75	19933.10	6077.75	0.25	0.21	394.20	1.00	6077.75	19933.10	6077.75	15.418	
2.62	3.10	ø8/12	2	219	SLV	0.25	0.21	291.35	1.00	6077.75	19504.20	6077.75	0.25	0.21	531.65	1.00	6077.75	19504.20	6077.75	11.432	
2.62	3.10	ø8/12	2	231	SLV	0.25	0.21	918.20	1.00	6077.75	19414.80	6077.75	0.25	0.21	86.10	1.00	6077.75	19414.80	6077.75	6.619	

Dettagli costruttivi per la duttilità

- CC=1 Da=0.17 A=0.65917 Dir. Y $\alpha_e=0.2314$ $\omega_{Nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.714$ $E_{sy,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=41.2176$ 0.048 >= -0.00229 [7.4.29]
- CC=1 Da=0.17 A=0.65917 Dir. Z $\alpha_e=0.2314$ $\omega_{Nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.714$ $E_{sy,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=41.2176$

0.048 >= -0.00229 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
124	N	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	E	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	Vjbr <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	Vjwr <daN>
124	Y+	1	SLV	0.00	34617.60	0.00	2.27	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	17266.50	0.00	2.27	27933.70	1276120.00	842962.00	16953.20	35404.40
		23	SLV	0.00	17266.50	0.00	1.61	27933.70	1276120.00	842962.00	17044.80	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	2.27	34917.20	5529010.00	842962.00	34617.60	35404.40

Pilastrata n. 25

Nodi: 25 125

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.17	27	SLV	1	2	17.00	-2794.42	234.77	234.77	1399.25	1399.25	-2794.42	535.50	3167.95	84.38	9.59	2.262
0.17	27	SLV	1	2	17.00	-2794.42	234.77	234.77	1399.25	1399.25	-2794.42	535.50	3167.95	84.38	9.59	2.262
3.10	41 (e)	SLU	1	2	310.50	-5231.16	-1396.20	-1396.20	-54.81	-104.62	-5231.16	-3392.44	-297.61	182.81	9.83	2.432

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _s <daN/cm²>
0.17	38	SLE R	1	2	17.00	-3275.96	96.16	-166.98	2.01	6.03	13.03	150.98
0.17	36	SLE Q	1	2	17.00	-2759.33	31.53	120.70	0.00	8.04	8.39	102.21
0.17	38	SLE R	1	2	17.00	-3275.96	96.16	-166.98	2.01	6.03	13.03	150.98
0.17	36	SLE Q	1	2	17.00	-2759.33	31.53	120.70	0.00	8.04	8.39	102.21
3.10	42	SLE R	1	2	310.50	-3487.44	-36.54	-930.80	4.02	4.02	49.09	893.42
3.10	36	SLE Q	1	2	310.50	-2300.74	-7.94	-514.58	4.02	4.02	26.47	444.70

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm²>	ε _{sm}	Wk <mm>
3.10	36	SLE Q	1	2	310.50	-2300.74	-514.58	-7.94	34.00	166.00	0.50	16.00	117.31	4.02	123.94	444.70	0.13	0.03
3.10	35	SLE F	1	2	310.50	-2510.33	-581.60	-17.82	34.00	166.00	0.50	16.00	116.52	4.02	121.94	517.91	0.15	0.03

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <m>	d _y <m>	Vsdu _{y,z} <daN>	ctgθ _{0,y}	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <m>	d _z <m>	Vsdu _z <daN>	ctgθ _{0,z}	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.17	0.66	ø8/12	2	237	SLU	0.25	0.21	77.83	1.00	6077.75	19908.00	6077.75	0.25	0.21	834.80	1.00	6077.75	19908.00	6077.75	7.280	
0.17	0.66	ø8/12	2	27	SLV	0.25	0.21	227.92	1.00	6077.75	19648.10	6077.75	0.25	0.21	620.64	1.00	6077.75	19648.10	6077.75	9.793	
0.17	0.66	ø8/12	2	227	SLV	0.25	0.21	853.63	1.00	6077.75	19593.00	6077.75	0.25	0.21	305.10	1.00	6077.75	19593.00	6077.75	7.120	
0.66	2.62	ø8/18	2	237	SLU	0.25	0.21	77.83	1.00	4051.84	19889.60	4051.84	0.25	0.21	926.20	1.00	4051.84	19889.60	4051.84	4.375	
0.66	2.62	ø8/18	2	27	SLV	0.25	0.21	227.92	1.00	4051.84	19633.90	4051.84	0.25	0.21	620.64	1.00	4051.84	19633.90	4051.84	6.528	
0.66	2.62	ø8/18	2	227	SLV	0.25	0.21	853.63	1.00	4051.84	19578.90	4051.84	0.25	0.21	305.10	1.00	4051.84	19578.90	4051.84	4.747	
2.62	3.10	ø8/12	2	237	SLU	0.25	0.21	77.83	1.00	6077.75	19815.90	6077.75	0.25	0.21	1278.40	1.00	6077.75	19815.90	6077.75	4.754	
2.62	3.10	ø8/12	2	27	SLV	0.25	0.21	227.92	1.00	6077.75	19577.20	6077.75	0.25	0.21	620.64	1.00	6077.75	19577.20	6077.75	9.793	
2.62	3.10	ø8/12	2	227	SLV	0.25	0.21	853.63	1.00	6077.75	19522.20	6077.75	0.25	0.21	305.10	1.00	6077.75	19522.20	6077.75	7.120	

Dettagli costruttivi per la duttilità

- CC=7 Da=0.17 A=0.65917 Dir. Y α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.005 E_{sy,r}=0.0018995 b_c/b₀=1.30208 μΦ_e=37.2293 0.048 >= 0.00121 [7.4.29]
- CC=7 Da=0.17 A=0.65917 Dir. Z α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.005 E_{sy,r}=0.0018995 b_c/b₀=1.30208 μΦ_e=37.2293 0.048 >= 0.00121 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
125	N	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	E	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	Vjbr <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	Vjwr <daN>
125	Y+	1	SLV	0.00	34617.60	0.00	1.94	34917.20	5529010.00	842962.00	34617.60	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	1.94	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	17266.50	0.00	1.94	27933.70	1276120.00	842962.00	16998.10	35404.40
		17	SLV	0.00	17266.50	0.00	1.91	27933.70	1276120.00	842962.00	17002.20	35404.40

Pilastrata n. 26

Nodi: 26 326

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	19	SLV	1	2	0.00	-3936.13	-458.43	-458.43	-177.88	-177.88	-3936.13	-3177.67	-1278.38	196.88	6.72	6.950
0.00	19	SLV	1	2	0.00	-3936.13	-458.43	-458.43	-177.88	-177.88	-3936.13	-3177.67	-1278.38	196.88	6.72	6.950
3.41	19	SLV	1	2	340.55	-3404.03	1035.31	1035.31	341.61	341.61	-3404.03	3178.46	1033.06	12.66	7.59	3.066

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _t <daN/cm²>
0.00	42	SLE R	1	2	0.00	-5985.01	-76.65	-153.02	0.00	8.04	15.05	190.38
0.00	38	SLE R	1	2	0.00	-4738.66	-66.74	-197.06	0.00	8.04	14.49	176.25
0.00	36	SLE Q	1	2	0.00	-3852.60	-69.87	-36.26	0.00	8.04	8.41	109.84
0.00	42	SLE R	1	2	0.00	-5985.01	-76.65	-153.02	0.00	8.04	15.05	190.38
0.00	38	SLE R	1	2	0.00	-4738.66	-66.74	-197.06	0.00	8.04	14.49	176.25
0.00	36	SLE Q	1	2	0.00	-3852.60	-69.87	-36.26	0.00	8.04	8.41	109.84
3.41	38	SLE R	1	2	340.55	-4206.56	150.79	539.21	4.02	4.02	35.18	367.42
3.41	36	SLE Q	1	2	340.55	-3320.50	150.91	210.94	2.01	6.03	17.55	193.21

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	b _{w,y}	d _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	Vrd _y	b _{w,z}	d _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.00	0.57	ø8/12	2	237	SLU	0.25	0.21	89.33	1.00	6077.75	20295.30	6077.75	0.25	0.21	315.95	1.00	6077.75	20295.30	6077.75	19.236	
0.00	0.57	ø8/12	2	241	SLU	0.25	0.21	110.16	1.00	6077.75	20739.40	6077.75	0.25	0.21	296.39	1.00	6077.75	20739.40	6077.75	20.506	
0.00	0.57	ø8/12	2	217	SLV	0.25	0.21	24.27	1.00	6077.75	19798.60	6077.75	0.25	0.21	438.90	1.00	6077.75	19798.60	6077.75	13.848	
0.00	0.57	ø8/12	2	213	SLV	0.25	0.21	372.29	1.00	6077.75	19803.10	6077.75	0.25	0.21	158.26	1.00	6077.75	19803.10	6077.75	16.325	
0.57	2.84	ø8/18	2	237	SLU	0.25	0.21	89.33	1.00	4051.84	20274.00	4051.84	0.25	0.21	315.95	1.00	4051.84	20274.00	4051.84	12.824	
0.57	2.84	ø8/18	2	241	SLU	0.25	0.21	110.16	1.00	4051.84	20714.70	4051.84	0.25	0.21	296.39	1.00	4051.84	20714.70	4051.84	13.671	
0.57	2.84	ø8/18	2	217	SLV	0.25	0.21	24.27	1.00	4051.84	19782.20	4051.84	0.25	0.21	438.90	1.00	4051.84	19782.20	4051.84	9.232	
0.57	2.84	ø8/18	2	213	SLV	0.25	0.21	372.29	1.00	4051.84	19786.60	4051.84	0.25	0.21	158.26	1.00	4051.84	19786.60	4051.84	10.884	
2.84	3.41	ø8/12	2	237	SLU	0.25	0.21	89.33	1.00	6077.75	20188.50	6077.75	0.25	0.21	315.95	1.00	6077.75	20188.50	6077.75	19.236	
2.84	3.41	ø8/12	2	241	SLU	0.25	0.21	110.16	1.00	6077.75	20616.10	6077.75	0.25	0.21	296.39	1.00	6077.75	20616.10	6077.75	20.506	
2.84	3.41	ø8/12	2	217	SLV	0.25	0.21	24.27	1.00	6077.75	19716.40	6077.75	0.25	0.21	438.90	1.00	6077.75	19716.40	6077.75	13.848	
2.84	3.41	ø8/12	2	213	SLV	0.25	0.21	372.29	1.00	6077.75	19720.80	6077.75	0.25	0.21	158.26	1.00	6077.75	19720.80	6077.75	16.325	

Dettagli costruttivi per la duttilità

- CC=19 Da=0 A=0.56758 Dir. Y α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=3.826 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=29.2392 0.048 >= 0.01111 [7.4.29]
- CC=19 Da=0 A=0.56758 Dir. Z α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=3.826 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=29.2392 0.048 >= 0.01111 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
326	S	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	Vjbr <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	Vjwr <daN>
326	Y+	1	SLV	0.00	34617.60	0.00	3.28	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	3.28	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	3.28	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	3.28	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 27

Nodi: 27 427

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	15	SLV	1	2	0.00	-4302.94	192.55	192.55	-481.71	-481.71	-4302.94	1274.91	-3211.99	286.88	6.64	6.655
0.00	15	SLV	1	2	0.00	-4302.94	192.55	192.55	-481.71	-481.71	-4302.94	1274.91	-3211.99	286.88	6.64	6.655
3.65	7	SLV	1	2	365.06	-3631.31	-1000.55	-1000.55	437.20	437.20	-3631.31	-3126.29	1426.91	160.31	6.36	3.147

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _t <daN/cm²>
0.00	38	SLE R	1	2	0.00	-5246.27	-126.33	-67.94	0.00	8.04	12.98	164.73
0.00	36	SLE Q	1	2	0.00	-4266.06	-119.55	63.94	0.00	8.04	11.33	141.72
0.00	38	SLE R	1	2	0.00	-5246.27	-126.33	-67.94	0.00	8.04	12.98	164.73
0.00	36	SLE Q	1	2	0.00	-4266.06	-119.55	63.94	0.00	8.04	11.33	141.72

3.65	42	SLE R	1	2	365.06	-5838.25	303.45	-256.56	2.01	6.03	27.15	306.00
3.65	36	SLE Q	1	2	365.06	-3695.66	247.52	-306.75	2.01	6.03	27.49	285.25

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <m>	d _y <m>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.61	ø8/12	2	241	SLV	0.25	0.21	182.22	1.00	6077.75	20857.20	6077.75	0.25	0.21	106.08	1.00	6077.75	20857.20	6077.75	33.353	
0.00	0.61	ø8/12	2	27	SLV	0.25	0.21	182.01	1.00	6077.75	19854.00	6077.75	0.25	0.21	395.81	1.00	6077.75	19854.00	6077.75	15.355	
0.00	0.61	ø8/12	2	213	SLV	0.25	0.21	376.82	1.00	6077.75	19881.80	6077.75	0.25	0.21	34.09	1.00	6077.75	19881.80	6077.75	16.129	
0.61	3.04	ø8/18	2	241	SLV	0.25	0.21	182.22	1.00	4051.84	20830.80	4051.84	0.25	0.21	106.08	1.00	4051.84	20830.80	4051.84	22.236	
0.61	3.04	ø8/18	2	27	SLV	0.25	0.21	182.01	1.00	4051.84	19836.30	4051.84	0.25	0.21	395.81	1.00	4051.84	19836.30	4051.84	10.237	
0.61	3.04	ø8/18	2	213	SLV	0.25	0.21	376.82	1.00	4051.84	19864.10	4051.84	0.25	0.21	34.09	1.00	4051.84	19864.10	4051.84	10.753	
3.04	3.65	ø8/12	2	241	SLV	0.25	0.21	182.22	1.00	6077.75	20725.00	6077.75	0.25	0.21	106.08	1.00	6077.75	20725.00	6077.75	33.353	
3.04	3.65	ø8/12	2	27	SLV	0.25	0.21	182.01	1.00	6077.75	19765.80	6077.75	0.25	0.21	395.81	1.00	6077.75	19765.80	6077.75	15.355	
3.04	3.65	ø8/12	2	213	SLV	0.25	0.21	376.82	1.00	6077.75	19793.60	6077.75	0.25	0.21	34.09	1.00	6077.75	19793.60	6077.75	16.129	

Dettagli costruttivi per la duttilità

- CC=19 Da=0 A=0.60843 Dir. Y α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=4.246 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=26.3462 0.048 >= 0.01617 [7.4.29]
- CC=19 Da=0 A=0.60843 Dir. Z α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=4.246 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=26.3462 0.048 >= 0.01617 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
427	S	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
427	Y+	1	SLV	0.00	34617.60	0.00	3.65	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	3.65	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	3.65	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	3.65	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 28

Nodi: 28 428

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	29	SLV	1	2	0.00	-4301.50	-191.80	-191.80	-465.72	-465.72	-4301.50	-1274.89	-3212.18	253.12	6.64	6.851
0.00	29	SLV	1	2	0.00	-4301.50	-191.80	-191.80	-465.72	-465.72	-4301.50	-1274.89	-3212.18	253.12	6.64	6.851
3.65	19	SLV	1	2	365.06	-3629.79	1000.57	1000.57	408.49	408.49	-3629.79	3155.90	1280.54	16.88	6.76	3.151

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _f <daN/cm²>
0.00	42	SLE R	1	2	0.00	-6367.08	-128.01	-171.78	0.00	8.04	17.71	219.44
0.00	38	SLE R	1	2	0.00	-5177.16	-116.81	-215.76	2.01	6.03	17.35	207.49
0.00	36	SLE Q	1	2	0.00	-4264.51	-103.82	-64.33	0.00	8.04	10.86	137.02
0.00	42	SLE R	1	2	0.00	-6367.08	-128.01	-171.78	0.00	8.04	17.71	219.44
0.00	38	SLE R	1	2	0.00	-5177.16	-116.81	-215.76	2.01	6.03	17.35	207.49
0.00	36	SLE Q	1	2	0.00	-4264.51	-103.82	-64.33	0.00	8.04	10.86	137.02
3.65	38	SLE R	1	2	365.06	-4606.75	250.49	613.24	4.02	4.02	44.31	490.13
3.65	36	SLE Q	1	2	365.06	-3694.11	218.94	307.39	2.01	6.03	26.01	272.18

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	b _{w,y}	d _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	Vrd _y	b _{w,z}	d _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.00	0.61	ø8/12	2	237	SLV	0.25	0.21	141.20	1.00	6077.75	20400.70	6077.75	0.25	0.21	324.44	1.00	6077.75	20400.70	6077.75	18.733	
0.00	0.61	ø8/12	2	241	SLV	0.25	0.21	168.19	1.00	6077.75	20845.60	6077.75	0.25	0.21	304.35	1.00	6077.75	20845.60	6077.75	19.970	
0.00	0.61	ø8/12	2	219	SLV	0.25	0.21	169.81	1.00	6077.75	19853.70	6077.75	0.25	0.21	395.83	1.00	6077.75	19853.70	6077.75	15.354	
0.00	0.61	ø8/12	2	231	SLV	0.25	0.21	364.48	1.00	6077.75	19881.50	6077.75	0.25	0.21	33.49	1.00	6077.75	19881.50	6077.75	16.675	
0.61	3.04	ø8/18	2	237	SLV	0.25	0.21	141.20	1.00	4051.84	20377.80	4051.84	0.25	0.21	324.44	1.00	4051.84	20377.80	4051.84	12.489	
0.61	3.04	ø8/18	2	241	SLV	0.25	0.21	168.19	1.00	4051.84	20819.20	4051.84	0.25	0.21	304.35	1.00	4051.84	20819.20	4051.84	13.313	
0.61	3.04	ø8/18	2	219	SLV	0.25	0.21	169.81	1.00	4051.84	19836.00	4051.84	0.25	0.21	395.83	1.00	4051.84	19836.00	4051.84	10.236	
0.61	3.04	ø8/18	2	231	SLV	0.25	0.21	364.48	1.00	4051.84	19863.90	4051.84	0.25	0.21	33.49	1.00	4051.84	19863.90	4051.84	11.117	
3.04	3.65	ø8/12	2	237	SLV	0.25	0.21	141.20	1.00	6077.75	20286.20	6077.75	0.25	0.21	324.44	1.00	6077.75	20286.20	6077.75	18.733	
3.04	3.65	ø8/12	2	241	SLV	0.25	0.21	168.19	1.00	6077.75	20713.50	6077.75	0.25	0.21	304.35	1.00	6077.75	20713.50	6077.75	19.970	
3.04	3.65	ø8/12	2	219	SLV	0.25	0.21	169.81	1.00	6077.75	19765.50	6077.75	0.25	0.21	395.83	1.00	6077.75	19765.50	6077.75	15.354	
3.04	3.65	ø8/12	2	231	SLV	0.25	0.21	364.48	1.00	6077.75	19793.40	6077.75	0.25	0.21	33.49	1.00	6077.75	19793.40	6077.75	16.675	

Dettagli costruttivi per la duttilità

- CC=7 Da=0 A=0.60843 Dir. Y α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=4.244 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=26.3553 0.048 >= 0.01615 [7.4.29]
- CC=7 Da=0 A=0.60843 Dir. Z α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=4.244 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=26.3553 0.048 >= 0.01615 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
428	S	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
428	Y+	1	SLV	0.00	34617.60	0.00	3.49	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	3.49	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	3.49	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	3.49	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 29

Nodi: 29 329

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	TP	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.00	7	SLV	1	2	0.00	-3933.12	458.13	458.13	-175.55	-175.55	-3933.12	3177.46	-1278.40	343.12	6.72	6.965
0.00	7	SLV	1	2	0.00	-3933.12	458.13	458.13	-175.55	-175.55	-3933.12	3177.46	-1278.40	343.12	6.72	6.965
3.41	7	SLV	1	2	340.55	-3401.02	-1033.97	-1033.97	338.44	338.44	-3401.02	-3178.24	1033.08	167.34	7.59	3.072

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _s <daN/cm²>
0.00	38	SLE R	1	2	0.00	-4855.50	-81.46	-105.09	0.00	8.04	12.22	154.51
0.00	36	SLE Q	1	2	0.00	-3849.62	-67.77	35.58	0.00	8.04	8.32	108.93
0.00	38	SLE R	1	2	0.00	-4855.50	-81.46	-105.09	0.00	8.04	12.22	154.51
0.00	36	SLE Q	1	2	0.00	-3849.62	-67.77	35.58	0.00	8.04	8.32	108.93
3.41	42	SLE R	1	2	340.55	-5520.79	187.73	-190.24	2.01	6.03	19.33	229.35
3.41	36	SLE Q	1	2	340.55	-3317.52	148.15	-208.87	2.01	6.03	17.31	191.03

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <cm>	d _y <cm>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <cm>	d _z <cm>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.00	0.57	ø8/12	2	2	241	SLV	0.25	0.21	119.97	1.00	6077.75	20758.30	6077.75	0.25	0.21	71.23	1.00	6077.75	20758.30	6077.75	50.660
0.00	0.57	ø8/12	2	2	27	SLV	0.25	0.21	150.93	1.00	6077.75	19804.20	6077.75	0.25	0.21	438.15	1.00	6077.75	19804.20	6077.75	13.871
0.00	0.57	ø8/12	2	2	31	SLV	0.25	0.21	370.24	1.00	6077.75	19802.50	6077.75	0.25	0.21	158.56	1.00	6077.75	19802.50	6077.75	16.416
0.57	2.84	ø8/18	2	2	241	SLV	0.25	0.21	119.97	1.00	4051.84	20733.60	4051.84	0.25	0.21	71.23	1.00	4051.84	20733.60	4051.84	33.774
0.57	2.84	ø8/18	2	2	27	SLV	0.25	0.21	150.93	1.00	4051.84	19787.70	4051.84	0.25	0.21	438.15	1.00	4051.84	19787.70	4051.84	9.248
0.57	2.84	ø8/18	2	2	31	SLV	0.25	0.21	370.24	1.00	4051.84	19786.10	4051.84	0.25	0.21	158.56	1.00	4051.84	19786.10	4051.84	10.944
2.84	3.41	ø8/12	2	2	241	SLV	0.25	0.21	119.97	1.00	6077.75	20634.90	6077.75	0.25	0.21	71.23	1.00	6077.75	20634.90	6077.75	50.660
2.84	3.41	ø8/12	2	2	27	SLV	0.25	0.21	150.93	1.00	6077.75	19721.90	6077.75	0.25	0.21	438.15	1.00	6077.75	19721.90	6077.75	13.871
2.84	3.41	ø8/12	2	2	31	SLV	0.25	0.21	370.24	1.00	6077.75	19720.30	6077.75	0.25	0.21	158.56	1.00	6077.75	19720.30	6077.75	16.416

Dettagli costruttivi per la duttilità

- CC=7 Da=0 A=0.56758 Dir. Y α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=3.823 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=29.2616 0.048 >= 0.01107 [7.4.29]
- CC=7 Da=0 A=0.56758 Dir. Z α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=3.823 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=29.2616 0.048 >= 0.01107 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
329	S	ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
329	Y+	1	SLV	0.00	34617.60	0.00	3.14	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	34533.00	0.00	3.14	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	3.14	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	3.14	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 30

Nodi: 30 130

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	TP	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε_y	Sic.
0.179		SLV	1	2	17.00	-2797.57	-237.67	-237.67	1396.60	1396.60	-2797.57	-535.03	3174.11	95.62	9.57	2.272
0.179		SLV	1	2	17.00	-2797.57	-237.67	-237.67	1396.60	1396.60	-2797.57	-535.03	3174.11	95.62	9.57	2.272
3.1041 (e)		SLU	1	2	310.50	-5296.99	1613.54	1613.54	33.02	105.94	-5296.99	3380.65	164.38	1.41	10.32	2.093

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_s <daN/cmq>
0.1738	SLE	R	1	2	17.00	-3346.77	-20.01	-436.99	4.02	4.02	23.24	243.04
0.1736	SLE	Q	1	2	17.00	-2761.55	33.69	-121.56	0.00	8.04	8.50	103.25
0.1738	SLE	R	1	2	17.00	-3346.77	-20.01	-436.99	4.02	4.02	23.24	243.04
0.1736	SLE	Q	1	2	17.00	-2761.55	33.69	-121.56	0.00	8.04	8.50	103.25
3.1042	SLE	R	1	2	310.50	-3531.33	22.01	1075.69	4.02	4.02	55.36	1076.85
3.1036	SLE	Q	1	2	310.50	-2302.95	-9.70	517.31	4.02	4.02	26.71	449.19

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ_{eq}	Δ_{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ_s <daN/cmq>	ε_{sm}	Wk <mm>
3.1036	SLE	Q	1	2	310.50	-2302.95	517.31	-9.70	34.00	166.00	0.50	16.00	117.11	4.02	123.42	449.19	0.13	0.03
3.1035	SLE	F	1	2	310.50	-2526.33	631.41	0.58	34.00	166.00	0.50	16.00	119.47	4.02	129.36	573.06	0.17	0.03

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	b _{w,y}	d _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	Vrd _y	b _{w,z}	d _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.17	0.66	ø8/12	2	237	SLU	0.25	0.21	32.26	1.00	6077.75	19927.60	6077.75	0.25	0.21	1179.99	1.00	6077.75	19927.60	6077.75	5.151	
0.17	0.66	ø8/12	2	219	SLV	0.25	0.21	225.69	1.00	6077.75	19648.40	6077.75	0.25	0.21	621.44	1.00	6077.75	19648.40	6077.75	9.780	
0.17	0.66	ø8/12	2	29	SLV	0.25	0.21	851.99	1.00	6077.75	19593.60	6077.75	0.25	0.21	307.71	1.00	6077.75	19593.60	6077.75	7.134	
0.66	2.62	ø8/18	2	237	SLU	0.25	0.21	32.26	1.00	4051.84	19909.20	4051.84	0.25	0.21	1003.89	1.00	4051.84	19909.20	4051.84	4.036	
0.66	2.62	ø8/18	2	219	SLV	0.25	0.21	225.69	1.00	4051.84	19634.30	4051.84	0.25	0.21	621.44	1.00	4051.84	19634.30	4051.84	6.520	
0.66	2.62	ø8/18	2	29	SLV	0.25	0.21	851.99	1.00	4051.84	19579.50	4051.84	0.25	0.21	307.71	1.00	4051.84	19579.50	4051.84	4.756	
2.62	3.10	ø8/12	2	241	SLU	0.25	0.21	6.45	1.00	6077.75	20078.30	6077.75	0.25	0.21	534.73	1.00	6077.75	20078.30	6077.75	11.366	
2.62	3.10	ø8/12	2	237	SLU	0.25	0.21	32.26	1.00	6077.75	19835.50	6077.75	0.25	0.21	299.49	1.00	6077.75	19835.50	6077.75	20.294	
2.62	3.10	ø8/12	2	219	SLV	0.25	0.21	225.69	1.00	6077.75	19577.60	6077.75	0.25	0.21	621.44	1.00	6077.75	19577.60	6077.75	9.780	
2.62	3.10	ø8/12	2	29	SLV	0.25	0.21	851.99	1.00	6077.75	19522.80	6077.75	0.25	0.21	307.71	1.00	6077.75	19522.80	6077.75	7.134	

Dettagli costruttivi per la duttilità

- CC=19 Da=0.17 A=0.65917 Dir. Y α_s =0.2314 ω_{m3} =0.20744 $\mu\Phi_d$ =16.2415 v_d =3.007 $E_{syr d}$ =0.0018995 b_c/b_0 =1.30208 $\mu\Phi_c$ =37.2063 0.048 >= 0.00123 [7.4.29]
- CC=19 Da=0.17 A=0.65917 Dir. Z α_s =0.2314 ω_{m3} =0.20744 $\mu\Phi_d$ =16.2415 v_d =3.007 $E_{syr d}$ =0.0018995 b_c/b_0 =1.30208 $\mu\Phi_c$ =37.2063 0.048 >= 0.00123 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
130N		ø12/ 6	Y+	I	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z+	E	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	I	2	4.02	4.02	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
130	Y+	1	SLV	0.00	34617.60	0.00	2.51	34917.20	5529010.00	842962.00	34617.60	35404.40
	Z+	1	SLV	0.00	17266.50	0.00	2.51	27933.70	1276120.00	842962.00	16920.10	35404.40
		5	SLV	0.00	17266.50	0.00	1.92	27933.70	1276120.00	842962.00	17001.90	35404.40
	Y-	1	SLV	0.00	34617.60	0.00	2.51	34917.20	5529010.00	842962.00	34617.60	35404.40

Pilastrata n. 31

Nodi: 31 231

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	δ_y	Sic.
0.175	SLV	1	2	17.00	-2077.48	1332.23	1332.23	531.11	531.11	-2077.48	3039.88	1214.63	15.47	7.28	2.283	
0.175	SLV	1	2	17.00	-2077.48	1332.23	1332.23	531.11	531.11	-2077.48	3039.88	1214.63	15.47	7.28	2.283	
3.105	SLV	1	2	310.50	-1618.88	-1192.62	-1192.62	-630.08	-630.08	-1618.88	-2926.52	-1572.89	202.50	6.40	2.463	

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_s <daN/cmq>
0.1738	SLE	R	1	2	17.00	-1932.26	385.79	-547.97	6.03	2.01	50.68	828.38
0.1736	SLE	Q	1	2	17.00	-1711.79	299.79	206.45	4.02	4.02	26.83	368.47
0.1738	SLE	R	1	2	17.00	-1932.26	385.79	-547.97	6.03	2.01	50.68	828.38
0.1736	SLE	Q	1	2	17.00	-1711.79	299.79	206.45	4.02	4.02	26.83	368.47
3.1042	SLE	R	1	2	310.50	-1787.32	-635.31	-510.99	6.03	2.01	62.93	1084.65
3.1036	SLE	Q	1	2	310.50	-1253.20	-465.25	-384.83	6.03	2.01	46.76	813.05

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ_{eq}	Δ_{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ_s <daN/cmq>	ε_{sm}	Wk <mm>
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0.17	36	SLE Q	1	2	17.00	-1711.79	206.45	299.79	34.00	166.00	0.50	16.00	104.93	2.01	46.41	368.47	0.11	0.02
0.17	43	SLE F	1	2	17.00	-1711.79	206.45	299.79	34.00	166.00	0.50	16.00	104.93	2.01	46.41	368.47	0.11	0.02
0.17	36	SLE Q	1	2	17.00	-1711.79	206.45	299.79	34.00	166.00	0.50	16.00	104.93	2.01	46.41	368.47	0.11	0.02
0.17	43	SLE F	1	2	17.00	-1711.79	206.45	299.79	34.00	166.00	0.50	16.00	104.93	2.01	46.41	368.47	0.11	0.02
3.10	36	SLE Q	1	2	310.50	-1253.20	-384.83	-465.25	34.00	166.00	0.50	16.00	110.34	2.01	53.20	813.05	0.24	0.04
3.10	35	SLE F	1	2	310.50	-1346.00	-388.10	-499.09	34.00	166.00	0.50	16.00	110.72	2.01	53.69	845.69	0.25	0.05

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _{,y} <m>	d _{,y} <m>	Vsdu _{,y} <daN>	ctgθ _{,y}	VRsd _{,y} <daN>	VRcd _{,y} <daN>	Vrd _{,y} <daN>	bw _{,z} <m>	d _{,z} <m>	Vsdu _{,z} <daN>	ctgθ _{,z}	VRsd _{,z} <daN>	VRcd _{,z} <daN>	Vrd _{,z} <daN>	Sic.
0.17	0.66	ø8/12	2	2	37	SLU	0.25	0.21	447.06	1.00	6077.75	19560.20	6077.75	0.25	0.21	1214.55	1.00	6077.75	19560.20	6077.75	5.004
0.17	0.66	ø8/12	2	2	41	SLU	0.25	0.21	522.17	1.00	6077.75	19699.50	6077.75	0.25	0.21	462.66	1.00	6077.75	19699.50	6077.75	11.639
0.17	0.66	ø8/12	2	2	7	SLV	0.25	0.21	85.16	1.00	6077.75	19438.10	6077.75	0.25	0.21	870.63	1.00	6077.75	19438.10	6077.75	6.981
0.17	0.66	ø8/12	2	2	27	SLV	0.25	0.21	817.96	1.00	6077.75	19444.00	6077.75	0.25	0.21	309.40	1.00	6077.75	19444.00	6077.75	7.430
0.66	2.62	ø8/18	2	2	37	SLU	0.25	0.21	447.06	1.00	4051.84	19541.80	4051.84	0.25	0.21	862.35	1.00	4051.84	19541.80	4051.84	4.699
0.66	2.62	ø8/18	2	2	41	SLU	0.25	0.21	522.17	1.00	4051.84	19678.30	4051.84	0.25	0.21	593.94	1.00	4051.84	19678.30	4051.84	6.822
0.66	2.62	ø8/18	2	2	7	SLV	0.25	0.21	85.16	1.00	4051.84	19423.90	4051.84	0.25	0.21	870.63	1.00	4051.84	19423.90	4051.84	4.654
0.66	2.62	ø8/18	2	2	27	SLV	0.25	0.21	817.96	1.00	4051.84	19429.80	4051.84	0.25	0.21	309.40	1.00	4051.84	19429.80	4051.84	4.954
2.62	3.10	ø8/12	2	2	37	SLU	0.25	0.21	447.06	1.00	6077.75	19468.10	6077.75	0.25	0.21	898.65	1.00	6077.75	19468.10	6077.75	6.763
2.62	3.10	ø8/12	2	2	41	SLU	0.25	0.21	522.17	1.00	6077.75	19593.30	6077.75	0.25	0.21	805.26	1.00	6077.75	19593.30	6077.75	7.548
2.62	3.10	ø8/12	2	2	7	SLV	0.25	0.21	85.16	1.00	6077.75	19367.20	6077.75	0.25	0.21	870.63	1.00	6077.75	19367.20	6077.75	6.981
2.62	3.10	ø8/12	2	2	27	SLV	0.25	0.21	817.96	1.00	6077.75	19373.10	6077.75	0.25	0.21	309.40	1.00	6077.75	19373.10	6077.75	7.430

Dettagli costruttivi per la duttilità

- CC=5 Da=0.17 A=0.65917 Dir. Y $\alpha_e=0.2314$ $\omega_{\text{Nd}}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.019$ $E_{s_{y,r,d}}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=55.3986$ 0.048 >= -0.01067 [7.4.29]

- CC=5 Da=0.17 A=0.65917 Dir. Z $\alpha_e=0.2314$ $\omega_{\text{Nd}}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.019$ $E_{s_{y,r,d}}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=55.3986$ 0.048 >= -0.01067 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
231	N	ø12/13	Y-E		2	4.02	4.02	0.25	0.16	0.17	4.52
			Z-E		2	4.01	4.01	0.25	0.16	0.17	4.52

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN/mq>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
231	Y-	1	SLV	0.00	17308.80	0.00	1.00	27933.70	1283030.00	421481.00	17171.00	17702.20
		19	SLV	0.00	17308.80	0.00	0.86	27933.70	1283030.00	421481.00	17189.40	17702.20
	Z-	1	SLV	0.00	17266.50	0.00	1.00	27933.70	1276120.00	421481.00	17129.10	17702.20
		19	SLV	0.00	17266.50	0.00	0.86	27933.70	1276120.00	421481.00	17147.40	17702.20

Pilastrata n. 32

Nodi: 32 332

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cl _s	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.17	19	SLV	1	2	17.00	-2247.36	-1447.89	-79.84	-2247.36	-3126.83	-170.67	181.41	11.27	2.159
0.17	19	SLV	1	2	17.00	-2247.36	-1447.89	-79.84	-2247.36	-3126.83	-170.67	181.41	11.27	2.159
3.41	17	SLV	1	2	340.55	-1837.04	1394.41	-539.29	-1837.04	3033.03	-1131.51	345.94	7.60	2.165

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cm²>	σ _f <daN/cm²>
0.17	38	SLE R	1	2	17.00	-2680.60	86.80	-631.42	4.02	4.02	37.03	609.98
0.17	36	SLE Q	1	2	17.00	-2319.27	50.18	-70.54	0.00	8.04	6.81	83.52
0.17	38	SLE R	1	2	17.00	-2680.60	86.80	-631.42	4.02	4.02	37.03	609.98
0.17	36	SLE Q	1	2	17.00	-2319.27	50.18	-70.54	0.00	8.04	6.81	83.52
3.41	42	SLE R	1	2	340.55	-2799.62	-666.35	528.60	6.03	2.01	64.70	1010.18
3.41	38	SLE R	1	2	340.55	-2175.06	-524.57	655.97	6.03	2.01	64.50	1073.46
3.41	36	SLE Q	1	2	340.55	-1813.73	-398.12	163.97	4.02	4.02	29.68	449.00

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cm²>	ε _{sm}	W _k <mm>
3.41	36	SLE Q	1	2	340.55	-1813.73	163.97	-398.12	34.00	166.00	0.50	16.00	115.45	2.01	59.63	449.00	0.13	0.03
3.41	35	SLE F	1	2	340.55	-1979.22	270.79	-446.73	34.00	166.00	0.50	16.00	109.23	2.01	51.81	583.74	0.17	0.03

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _{,y} <m>	d _{,y} <m>	Vsdu _{,y} <daN>	ctgθ _{,y}	VRsd _{,y} <daN>	VRcd _{,y} <daN>	Vrd _{,y} <daN>	bw _{,z} <m>	d _{,z} <m>	Vsdu _{,z} <daN>	ctgθ _{,z}	VRsd _{,z} <daN>	VRcd _{,z} <daN>	Vrd _{,z} <daN>	Sic.
0.17	0.71	ø8/12	2	2	37	SLU	0.25	0.21	261.69	1.00	6077.75	19755.50	6077.75	0.25	0.21	587.19	1.00	6077.75	19755.50	6077.75	10.351
0.17	0.71	ø8/12	2	2	41	SLU	0.25	0.21	357.02	1.00	6077.75	19994.10	6077.75	0.25	0.21	443.83	1.00	6077.75	19994.10	6077.75	13.694
0.17	0.71	ø8/12	2	2	17	SLV	0.25	0.21	228.37	1.00	6077.75	19509.30	6077.75	0.25	0.21	880.77	1.00	6077.75	19509.30	6077.75	6.900
0.17	0.71	ø8/12	2	2	27	SLV	0.25	0.21	438.66	1.00	6077.75	19536.40	6077.75	0.25	0.21	75.74	1.00	6077.75	19536.40	6077.75	13.855
0.71	2.87	ø8/18	2	2	37	SLU	0.25	0.21	261.69	1.00	4051.84	19735.20	4051.84	0.25	0.21	587.19	1.00	4051.84	19735.20	4051.84	6.900
0.71	2.87	ø8/18	2	2	41	SLU	0.25	0.21	357.02	1.00	4051.84	19970.70	4051.84	0.25	0.21	443.83	1.00	4051.84	19970.70	4051.84	9.129
0.71	2.87	ø8/18	2	2	17	SLV	0.25	0.21	228.37	1.00	4051.84	19493.60	4051.84	0.25	0.21	880.77	1.00	4051.84	19493.60	4051.84	4.600
0.71	2.87	ø8/18	2	2	27	SLV	0.25	0.21	438.66	1.00	4051.84	19520.80	4051.84	0.25	0.21	75.74	1.00	4051.84	19520.80	4051.84	9.237
2.87	3.41	ø8/12	2	2	37	SLU	0.25	0.21	261.69	1.00	6077.75	19653.90	6077.75	0.25	0.21	587.19	1.00	6077.75	19653.90	6077.75	10.351
2.87	3.41	ø8/12	2	2	41	SLU	0.25	0.21	357.02	1.00	6077.75	19877.00	6077.75	0.25	0.21	443.83	1.00	6077.75	19877.00	6077.75	13.694

2.87	3.41	ø8/12	2	217	SLV	0.25	0.21	228.37	1.00	6077.75	19431.20	6077.75	0.25	0.21	880.77	1.00	6077.75	19431.20	6077.75	6.900
2.87	3.41	ø8/12	2	227	SLV	0.25	0.21	438.66	1.00	6077.75	19458.30	6077.75	0.25	0.21	75.74	1.00	6077.75	19458.30	6077.75	13.855

Dettagli costruttivi per la duttilità

- CC=27 Da=0.17 A=0.70924 Dir. Y $\alpha_s=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.419$ $E_{syrd}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=46.2403$
0.048 >= -0.00585 [7.4.29]

- CC=27 Da=0.17 A=0.70924 Dir. Z $\alpha_s=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.419$ $E_{syrd}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=46.2403$
0.048 >= -0.00585 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
332N		ø12/ 6	Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	E	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
332	Z+	1	SLV	0.00	34533.00	0.00	1.78	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	17308.80	0.00	1.78	27933.70	1283030.00	842962.00	17062.30	35404.40
		13	SLV	0.00	17308.80	0.00	1.60	27933.70	1283030.00	842962.00	17087.50	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	1.78	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 33

Nodi: 33 433

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ϵ_y	Sic.
0.17	19	SLV	1	2	17.00	-2498.83	-1200.73	-1200.73	-132.81	-132.81	-2498.83	-3159.99	-309.79	182.81	10.78	2.628
0.17	19	SLV	1	2	17.00	-2498.83	-1200.73	-1200.73	-132.81	-132.81	-2498.83	-3159.99	-309.79	182.81	10.78	2.628
3.65	5	SLV	1	2	365.06	-1846.60	-1168.38	-1168.38	-574.41	-574.41	-1846.60	-2976.83	-1441.73	199.69	6.71	2.541

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
0.17	38	SLE	R	1	2	17.00	-2911.06	24.05	-483.81	4.02	25.89	348.01
0.17	36	SLE	Q	1	2	17.00	-2444.63	-10.26	-11.79	0.00	8.04	55.90
0.17	38	SLE	R	1	2	17.00	-2911.06	24.05	-483.81	4.02	25.89	348.01
0.17	36	SLE	Q	1	2	17.00	-2444.63	-10.26	-11.79	0.00	8.04	55.90
3.65	38	SLE	R	1	2	365.06	-2367.22	-593.01	291.65	4.02	4.02	747.51
3.65	42	SLE	R	1	2	365.06	-2849.89	-787.12	103.75	4.02	4.02	814.06
3.65	36	SLE	Q	1	2	365.06	-1900.79	-432.55	-115.80	4.02	4.02	449.12

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>
3.65	36	SLE Q	1	2	365.06	-1900.79	-115.80	-432.55	34.00	166.00	0.50	16.00	129.32	2.01	77.06	449.12	0.13	0.03
3.65	35	SLE F	1	2	365.06	-2075.20	-37.33	-495.95	34.00	166.00	0.50	16.00	158.93	2.01	114.27	462.68	0.13	0.04

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	bw _{y,z}	d _{y,z}	Vsdu _{y,z}	ctgθ _y	VRsd _{y,z}	VRcd _{y,z}	Vrd _{y,z}	bw _{y,z}	d _{y,z}	Vsdu _{y,z}	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<cm>	<cm>	<daN>		<daN>	<daN>	<daN>	<cm>	<cm>	<daN>		<daN>	<daN>	<daN>	
0.17	0.75	ø8/12	2	237	SLU	0.25	0.21	246.44	1.00	6077.75	19812.00	6077.75	0.25	0.21	339.75	1.00	6077.75	19812.00	6077.75	17.889	
0.17	0.75	ø8/12	2	241	SLU	0.25	0.21	364.42	1.00	6077.75	20018.80	6077.75	0.25	0.21	173.09	1.00	6077.75	20018.80	6077.75	16.678	
0.17	0.75	ø8/12	2	25	SLV	0.25	0.21	197.30	1.00	6077.75	19518.10	6077.75	0.25	0.21	673.89	1.00	6077.75	19518.10	6077.75	9.019	
0.17	0.75	ø8/12	2	227	SLV	0.25	0.21	380.03	1.00	6077.75	19555.00	6077.75	0.25	0.21	158.41	1.00	6077.75	19555.00	6077.75	15.993	
0.75	3.07	ø8/18	2	237	SLU	0.25	0.21	246.44	1.00	4051.84	19790.10	4051.84	0.25	0.21	339.75	1.00	4051.84	19790.10	4051.84	11.926	
0.75	3.07	ø8/18	2	241	SLU	0.25	0.21	364.42	1.00	4051.84	19993.50	4051.84	0.25	0.21	173.09	1.00	4051.84	19993.50	4051.84	11.119	
0.75	3.07	ø8/18	2	25	SLV	0.25	0.21	197.30	1.00	4051.84	19501.30	4051.84	0.25	0.21	673.89	1.00	4051.84	19501.30	4051.84	6.013	
0.75	3.07	ø8/18	2	227	SLV	0.25	0.21	380.03	1.00	4051.84	19538.20	4051.84	0.25	0.21	158.41	1.00	4051.84	19538.20	4051.84	10.662	
3.07	3.65	ø8/12	2	237	SLU	0.25	0.21	246.44	1.00	6077.75	19702.80	6077.75	0.25	0.21	339.75	1.00	6077.75	19702.80	6077.75	17.889	
3.07	3.65	ø8/12	2	241	SLU	0.25	0.21	364.42	1.00	6077.75	19892.70	6077.75	0.25	0.21	173.09	1.00	6077.75	19892.70	6077.75	16.678	
3.07	3.65	ø8/12	2	25	SLV	0.25	0.21	197.29	1.00	6077.75	19434.10	6077.75	0.25	0.21	673.89	1.00	6077.75	19434.10	6077.75	9.019	
3.07	3.65	ø8/12	2	227	SLV	0.25	0.21	380.03	1.00	6077.75	19471.00	6077.75	0.25	0.21	158.41	1.00	6077.75	19471.00	6077.75	15.993	

Dettagli costruttivi per la duttilità

- CC=25 Da=0.17 A=0.7501 Dir. Y $\alpha_s=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.572$ $E_{syrd}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=43.4849$
0.048 >= -0.004 [7.4.29]

- CC=25 Da=0.17 A=0.7501 Dir. Z $\alpha_s=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.572$ $E_{syrd}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=43.4849$
0.048 >= -0.004 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
433N		ø12/ 6	Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	E	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
433	Z+	1	SLV	0.00	34533.00	0.00	1.98	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	17308.80	0.00	1.98	27933.70	1283030.00	842962.00	17034.60	35404.40
		15	SLV	0.00	17308.80	0.00	1.65	27933.70	1283030.00	842962.00	17080.20	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	1.98	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 34

Nodi: 34 434

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/prefflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.17	7	SLV	1	2	17.00	-2504.81	1202.45	1202.45	-100.47	-100.47	-2504.81	3161.90	-309.69	357.19	10.77	2.633
0.17	7	SLV	1	2	17.00	-2504.81	1202.45	1202.45	-100.47	-100.47	-2504.81	3161.90	-309.69	357.19	10.77	2.633
3.65	17	SLV	1	2	365.06	-1852.27	1169.89	1169.89	-601.52	-601.52	-1852.27	2946.86	-1571.70	337.50	6.36	2.539

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _f <daN/cmq>
0.17	38	SLE R	1	2	17.00	-2805.40	46.62	-454.64	4.02	4.02	25.64	333.91
0.17	36	SLE Q	1	2	17.00	-2450.46	21.98	11.76	0.00	8.04	4.32	59.58
0.17	38	SLE R	1	2	17.00	-2805.40	46.62	-454.64	4.02	4.02	25.64	333.91
0.17	36	SLE Q	1	2	17.00	-2450.46	21.98	11.76	0.00	8.04	4.32	59.58
3.65	42	SLE R	1	2	365.06	-2789.09	-810.02	398.70	4.02	4.02	64.77	1075.96
3.65	36	SLE Q	1	2	365.06	-1906.62	-459.76	115.77	4.02	4.02	30.07	485.38

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ _{eq}	Δ _{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ _s <daN/cmq>	ε _{sm}	Wk <mm>	
3.65	36	SLE	Q	1	2	365.06	-1906.62	115.77	-459.76	34.00	166.00	0.50	16.00	132.97	2.01	81.64	485.38	0.14	0.03
3.65	35	SLE	F	1	2	365.06	-2058.76	204.93	-521.70	34.00	166.00	0.50	16.00	118.88	2.01	63.93	618.40	0.18	0.04

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <cm>	d _y <cm>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <cm>	d _z <cm>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.17	0.75	ø8/12	2	2	37	SLV	0.25	0.21	264.72	1.00	6077.75	19782.60	6077.75	0.25	0.21	426.07	1.00	6077.75	19782.60	6077.75	14.265
0.17	0.75	ø8/12	2	2	41	SLV	0.25	0.21	385.68	1.00	6077.75	20001.80	6077.75	0.25	0.21	285.84	1.00	6077.75	20001.80	6077.75	15.758
0.17	0.75	ø8/12	2	2	17	SLV	0.25	0.21	214.32	1.00	6077.75	19519.20	6077.75	0.25	0.21	674.84	1.00	6077.75	19519.20	6077.75	9.006
0.17	0.75	ø8/12	2	2	9	SLV	0.25	0.21	396.92	1.00	6077.75	19556.00	6077.75	0.25	0.21	161.56	1.00	6077.75	19556.00	6077.75	15.312
0.75	3.07	ø8/18	2	2	37	SLV	0.25	0.21	264.72	1.00	4051.84	19760.70	4051.84	0.25	0.21	426.07	1.00	4051.84	19760.70	4051.84	9.510
0.75	3.07	ø8/18	2	2	41	SLV	0.25	0.21	385.68	1.00	4051.84	19976.60	4051.84	0.25	0.21	285.84	1.00	4051.84	19976.60	4051.84	10.506
0.75	3.07	ø8/18	2	2	17	SLV	0.25	0.21	214.32	1.00	4051.84	19502.40	4051.84	0.25	0.21	674.84	1.00	4051.84	19502.40	4051.84	6.004
0.75	3.07	ø8/18	2	2	9	SLV	0.25	0.21	396.92	1.00	4051.84	19539.20	4051.84	0.25	0.21	161.56	1.00	4051.84	19539.20	4051.84	10.208
3.07	3.65	ø8/12	2	2	37	SLV	0.25	0.21	264.72	1.00	6077.75	19673.40	6077.75	0.25	0.21	426.07	1.00	6077.75	19673.40	6077.75	14.265
3.07	3.65	ø8/12	2	2	41	SLV	0.25	0.21	385.68	1.00	6077.75	19875.80	6077.75	0.25	0.21	285.84	1.00	6077.75	19875.80	6077.75	15.758
3.07	3.65	ø8/12	2	2	17	SLV	0.25	0.21	214.32	1.00	6077.75	19435.20	6077.75	0.25	0.21	674.84	1.00	6077.75	19435.20	6077.75	9.006
3.07	3.65	ø8/12	2	2	9	SLV	0.25	0.21	396.92	1.00	6077.75	19472.00	6077.75	0.25	0.21	161.56	1.00	6077.75	19472.00	6077.75	15.312

Dettagli costruttivi per la duttilità

- CC=11 Da=0.17 A=0.7501 Dir. Y α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=2.578 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=43.3975 0.048 >= -0.00394 [7.4.29]
- CC=11 Da=0.17 A=0.7501 Dir. Z α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=2.578 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=43.3975 0.048 >= -0.00394 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
434	N	ø12/ 6	Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-	E	2	4.02	4.02	0.25	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.25	0.16	0.17	9.05

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
434	Z+	1	SLV	0.00	34533.00	0.00	1.82	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	17308.80	0.00	1.82	27933.70	1283030.00	842962.00	17057.30	35404.40
		29	SLV	0.00	17308.80	0.00	1.66	27933.70	1283030.00	842962.00	17079.30	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	1.82	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 35

Nodi: 35 335

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/prefflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ε _y	Sic.
0.17	7	SLV	1	2	17.00	-2247.05	1449.07	1449.07	-79.13	-79.13	-2247.05	3127.29	-170.65	358.59	11.27	2.158

0.17	7	SLV	1	2	17.00	-2247.05	1449.07	1449.07	-79.13	-79.13	-2247.05	3127.29	-170.65	358.59	11.27	2.158
3.41	5	SLV	1	2	340.55	-1836.62	-1391.44	-1391.44	-540.37	-540.37	-1836.62	-3037.93	-1131.00	194.06	7.59	2.170

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
0.17	38	SLE R	1	2	17.00	-2844.30	53.11	-463.89	4.02	4.02	26.47	345.91
0.17	36	SLE Q	1	2	17.00	-2318.92	50.54	69.69	0.00	8.04	6.80	83.36
0.17	38	SLE R	1	2	17.00	-2844.30	53.11	-463.89	4.02	4.02	26.47	345.91
0.17	36	SLE Q	1	2	17.00	-2318.92	50.54	69.69	0.00	8.04	6.80	83.36
3.41	38	SLE R	1	2	340.55	-2338.76	-506.24	262.81	4.02	4.02	40.86	611.44
3.41	36	SLE Q	1	2	340.55	-1813.38	-399.50	-162.83	4.02	4.02	29.68	449.99

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ_{eq}	Δ_{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ_s <daN/cmq>	ϵ_{sm}	Wk <mm>
3.41	36	SLE Q	1	2	340.55	-1813.38	-162.83	-399.50	34.00	166.00	0.50	16.00	115.75	2.01	60.00	449.99	0.13	0.03
3.41	35	SLE F	1	2	340.55	-2011.57	-86.13	-444.34	34.00	166.00	0.50	16.00	139.54	2.01	89.90	431.70	0.13	0.03

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <m>	d _y <m>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.17	0.71	ø8/12	2	237	SLU	0.25	0.21	237.54	1.00	6077.75	19801.00	6077.75	0.25	0.21	346.58	1.00	6077.75	19801.00	6077.75	17.536	
0.17	0.71	ø8/12	2	241	SLU	0.25	0.21	343.77	1.00	6077.75	20021.20	6077.75	0.25	0.21	116.57	1.00	6077.75	20021.20	6077.75	17.680	
0.17	0.71	ø8/12	2	25	SLV	0.25	0.21	228.70	1.00	6077.75	19509.20	6077.75	0.25	0.21	878.96	1.00	6077.75	19509.20	6077.75	6.915	
0.17	0.71	ø8/12	2	29	SLV	0.25	0.21	438.51	1.00	6077.75	19536.30	6077.75	0.25	0.21	80.33	1.00	6077.75	19536.30	6077.75	13.860	
0.71	2.87	ø8/18	2	237	SLU	0.25	0.21	237.54	1.00	4051.84	19780.70	4051.84	0.25	0.21	346.58	1.00	4051.84	19780.70	4051.84	11.691	
0.71	2.87	ø8/18	2	241	SLU	0.25	0.21	343.77	1.00	4051.84	19997.70	4051.84	0.25	0.21	116.57	1.00	4051.84	19997.70	4051.84	11.787	
0.71	2.87	ø8/18	2	25	SLV	0.25	0.21	228.70	1.00	4051.84	19493.60	4051.84	0.25	0.21	878.96	1.00	4051.84	19493.60	4051.84	4.610	
0.71	2.87	ø8/18	2	29	SLV	0.25	0.21	438.51	1.00	4051.84	19520.70	4051.84	0.25	0.21	80.33	1.00	4051.84	19520.70	4051.84	9.240	
2.87	3.41	ø8/12	2	237	SLU	0.25	0.21	237.54	1.00	6077.75	19699.50	6077.75	0.25	0.21	346.58	1.00	6077.75	19699.50	6077.75	17.536	
2.87	3.41	ø8/12	2	241	SLU	0.25	0.21	343.77	1.00	6077.75	19904.00	6077.75	0.25	0.21	116.57	1.00	6077.75	19904.00	6077.75	17.680	
2.87	3.41	ø8/12	2	25	SLV	0.25	0.21	228.70	1.00	6077.75	19431.10	6077.75	0.25	0.21	878.96	1.00	6077.75	19431.10	6077.75	6.915	
2.87	3.41	ø8/12	2	29	SLV	0.25	0.21	438.51	1.00	6077.75	19458.20	6077.75	0.25	0.21	80.33	1.00	6077.75	19458.20	6077.75	13.860	

Dettagli costruttivi per la duttilità

- CC=9 Da=0.17 A=0.70924 Dir. Y $\alpha_e=0.2314$ $\omega_{wd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.419$ $E_{sy,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=46.2499$ 0.048 >= -0.00585 [7.4.29]
- CC=9 Da=0.17 A=0.70924 Dir. Z $\alpha_e=0.2314$ $\omega_{wd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.419$ $E_{sy,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=46.2499$ 0.048 >= -0.00585 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
335N		ø12/ 6	Z+	I	2	4.01	4.01	0.25	0.16	0.17	9.05
			Y-E	2	4.02	4.02	0.25	0.16	0.17	9.05	
			Z-I	2	4.01	4.01	0.25	0.16	0.17	9.05	

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <daN>
335	Z+	1	SLV	0.00	34533.00	0.00	1.84	34917.20	5501380.00	842962.00	34533.00	35404.40
	Y-	1	SLV	0.00	17308.80	0.00	1.84	27933.70	1283030.00	842962.00	17054.30	35404.40
		31	SLV	0.00	17308.80	0.00	1.60	27933.70	1283030.00	842962.00	17087.60	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	1.84	34917.20	5501380.00	842962.00	34533.00	35404.40

Pilastrata n. 36

Nodi: 36 136

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Tp	Fyk <daN/cmq>	Fyd <daN/cmq>
2R		25.00	25.00	2.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Verifiche a flessione/pressoflessione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	MRdy <daNm>	MRdz <daNm>	α <grad>	ϵ_y	Sic.
0.17	17	SLV	1	2	17.00	-2078.82	-1334.52	-1334.52	529.91	529.91	-2078.82	-3038.57	1214.77	164.53	7.28	2.279
0.17	17	SLV	1	2	17.00	-2078.82	-1334.52	-1334.52	529.91	529.91	-2078.82	-3038.57	1214.77	164.53	7.28	2.279
3.10	41	SLU	1	2	310.50	-2757.48	1193.61	1193.61	-880.88	-880.88	-2757.48	2846.71	-2119.92	323.44	5.14	2.393

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
0.17	38	SLE R	1	2	17.00	-2015.55	260.07	-875.84	4.02	4.02	60.08	1149.13
0.17	36	SLE Q	1	2	17.00	-1712.99	299.73	-206.97	4.02	4.02	26.86	368.74
0.17	38	SLE R	1	2	17.00	-2015.55	260.07	-875.84	4.02	4.02	60.08	1149.13
0.17	36	SLE Q	1	2	17.00	-1712.99	299.73	-206.97	4.02	4.02	26.86	368.74
3.10	42	SLE R	1	2	310.50	-1838.32	-587.25	795.74	6.03	2.01	76.01	1356.29
3.10	36	SLE Q	1	2	310.50	-1254.40	-464.33	386.13	6.03	2.01	46.78	813.18

Stato limite d'esercizio - Verifiche a fessurazione

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K ₂	Φ_{eq}	Δ_{sm} <mm>	A _s <cmq>	A _{c eff} <cmq>	σ_s <daN/cmq>	ϵ_{sm}	Wk <mm>
0.17	36	SLE Q	1	2	17.00	-1712.99	-206.97	299.73	34.00	166.00	0.50	16.00	104.90	2.01	46.37	368.74	0.11	0.02
0.17	35	SLE F	1	2	17.00	-1822.28	-349.24	295.97	34.00	166.00	0.50	16.00	105.28	2.01	46.84	504.83	0.15	0.03

0.17	36	SLE Q	1	2	17.00	-1712.99	-206.97	299.73	34.00	166.00	0.50	16.00	104.90	2.01	46.37	368.74	0.11	0.02
0.17	35	SLE F	1	2	17.00	-1822.28	-349.24	295.97	34.00	166.00	0.50	16.00	105.28	2.01	46.84	504.83	0.15	0.03
3.10	36	SLE Q	1	2	310.50	-1254.40	386.13	-464.33	34.00	166.00	0.50	16.00	110.29	2.01	53.15	813.18	0.24	0.04
3.10	35	SLE F	1	2	310.50	-1363.68	483.77	-482.78	34.00	166.00	0.50	16.00	109.83	2.01	52.57	929.50	0.27	0.05

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	bw _y	d _y	Vsdu _y	ctgθ _y	VRsd _y	VRcd _y	Vrd _y	bw _z	d _z	Vsdu _z	ctgθ _z	VRsd _z	VRcd _z	Vrd _z	Sic.
<m>	<m>						<m>	<m>	<daN>		<daN>	<daN>	<daN>	<m>	<m>	<daN>		<daN>	<daN>	<daN>	
0.17	0.66	ø8/12	2	237	SLU	0.25	0.21	343.50	1.00	6077.75	19583.40	6077.75	0.25	0.21	1339.67	1.00	6077.75	19583.40	6077.75	4.537	
0.17	0.66	ø8/12	2	241	SLU	0.25	0.21	458.75	1.00	6077.75	19713.70	6077.75	0.25	0.21	1070.36	1.00	6077.75	19713.70	6077.75	5.678	
0.17	0.66	ø8/12	2	219	SLV	0.25	0.21	85.48	1.00	6077.75	19438.30	6077.75	0.25	0.21	870.21	1.00	6077.75	19438.30	6077.75	6.984	
0.17	0.66	ø8/12	2	29	SLV	0.25	0.21	815.48	1.00	6077.75	19444.30	6077.75	0.25	0.21	313.48	1.00	6077.75	19444.30	6077.75	7.453	
0.66	2.62	ø8/18	2	237	SLU	0.25	0.21	343.50	1.00	4051.84	19564.90	4051.84	0.25	0.21	1163.57	1.00	4051.84	19564.90	4051.84	3.482	
0.66	2.62	ø8/18	2	241	SLU	0.25	0.21	458.75	1.00	4051.84	19692.50	4051.84	0.25	0.21	964.71	1.00	4051.84	19692.50	4051.84	4.200	
0.66	2.62	ø8/18	2	219	SLV	0.25	0.21	85.48	1.00	4051.84	19424.10	4051.84	0.25	0.21	870.21	1.00	4051.84	19424.10	4051.84	4.656	
0.66	2.62	ø8/18	2	29	SLV	0.25	0.21	815.48	1.00	4051.84	19430.10	4051.84	0.25	0.21	313.48	1.00	4051.84	19430.10	4051.84	4.969	
2.62	3.10	ø8/12	2	241	SLU	0.25	0.21	458.75	1.00	6077.75	19607.40	6077.75	0.25	0.21	542.06	1.00	6077.75	19607.40	6077.75	11.212	
2.62	3.10	ø8/12	2	219	SLV	0.25	0.21	85.48	1.00	6077.75	19367.40	6077.75	0.25	0.21	870.21	1.00	6077.75	19367.40	6077.75	6.984	
2.62	3.10	ø8/12	2	29	SLV	0.25	0.21	815.48	1.00	6077.75	19373.50	6077.75	0.25	0.21	313.48	1.00	6077.75	19373.50	6077.75	7.453	

Dettagli costruttivi per la duttilità

- CC=17 Da=0.17 A=0.65917 Dir. Y $\alpha_s=0.2314$ $\omega_{M_d}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.021$ $E_{syr,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=55.3627$
0.048 >= -0.01065 [7.4.29]
- CC=17 Da=0.17 A=0.65917 Dir. Z $\alpha_s=0.2314$ $\omega_{M_d}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.021$ $E_{syr,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=55.3627$
0.048 >= -0.01065 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1	As2	Bj	Hjc	Hjw	Ash
						<cmq>	<cmq>	<m>	<m>	<m>	<cmq>
136	N	ø12/13	Z+	E	2	4.01	4.01	0.25	0.16	0.17	4.52
			Y-	E	2	4.02	4.02	0.25	0.16	0.17	4.52

Verifiche nodi trave-pilastro

Nodo	F	CC	TCC	Vc	Vjbd	vd _s	vd _i	VjbR	Afni	Rfni	Vjwd	VjwR
				<daN>	<daN>			<daN>	<daN/mq>	<daN/mq>	<daN>	<daN>
136	Z+	1	SLV	0.00	17266.50	0.00	1.56	27933.70	1276120.00	421481.00	17051.30	17702.20
		7	SLV	0.00	17266.50	0.00	0.86	27933.70	1276120.00	421481.00	17147.20	17702.20
	Y-	1	SLV	0.00	17308.80	0.00	1.56	27933.70	1283030.00	421481.00	17093.10	17702.20
		7	SLV	0.00	17308.80	0.00	0.86	27933.70	1283030.00	421481.00	17189.20	17702.20

Verifiche e armature plinti/pali

Simbologia

Δ_{sm} = Distanza media tra le fessure
 Φ_{eq} = Diametro equivalente delle barre
 ϵ_{sm} = Deformazione unitaria media dell'armatura (*1000)
 σ_c = Tensione nel calcestruzzo
 σ_f = Tensione nel ferro
 σ_{fx} = Tensione nell'armatura nel fondo in dir. X
 σ_{fy} = Tensione nell'armatura nel fondo in dir. Y
 σ_s = Tensione nell'acciaio nella sezione fessurata
 σ_t = Tensione sul terreno
 $A_{c\ eff}$ = Area di calcestruzzo efficace
 A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
 A_{fx} = Area di ferro nel fondo in dir. X
 A_{fy} = Area di ferro nel fondo in dir. Y
 A_{fc} = Area di ferro compressa
 A_{fT} = Area di ferro tesa
 A_z = Azioni ed effetti sul plinto/palo
RVN = Reazioni vincolari agenti
TAG = Effetti dovuti ai tagli
ECC = Effetti dovuti all'eccentricità
PP = Effetti dovuti al peso proprio
SVR = Effetti dovuti ai sovraccarichi e al peso del terreno
TOT = Azioni totali di calcolo
CC = Numero della combinazione delle condizioni di carico elementari
Caso = Caso di verifica
Cf = Copriferro
Cls = Tipo di calcestruzzo
Coord. = Coordinata del punto di verifica
FDtirX = Forza resistente complessiva di tiro nell'armatura di fondo in dir. X
FDtirY = Forza resistente complessiva di tiro nell'armatura di fondo in dir. Y
Fcd = Resistenza di calcolo a compressione del calcestruzzo
Fck = Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctd = Resistenza di calcolo a trazione del calcestruzzo
Fctk = Resistenza caratteristica a trazione del calcestruzzo
FtirX = Forza complessiva di tiro nell'armatura di fondo in dir. X
FtirY = Forza complessiva di tiro nell'armatura di fondo in dir. Y
Fyd = Resistenza di calcolo dell'acciaio
Fyk = Tensione caratteristica di snervamento dell'acciaio
 K_2 = Coefficiente per distribuzione deformazioni
M'yd = Momento resistente massimo in campo sostanzialmente elastico
MRd = Momento resistente allo stato limite ultimo
Mom = Momento flettente
Mx = Momento intorno all'asse X
My = Momento intorno all'asse Y

N = Sforzo normale
 Nodo = Nodo plinto/palo
 PV = Punto di verifica
 XXn = Posizione di verifica (coord. Y) per flessione intorno all'asse X
 YYn = Posizione di verifica (coord. X) per flessione intorno all'asse Y
 Sic. = Sicurezza
 TCC = Tipo di combinazione di carico
 SLU = Stato limite ultimo
 SLE R = Stato limite d'esercizio, combinazione rara
 SLE F = Stato limite d'esercizio, combinazione frequente
 SLE Q = Stato limite d'esercizio, combinazione quasi permanente
 SLD = Stato limite di danno
 SLV = Stato limite di salvaguardia della vita
 SND = Stato limite di salvaguardia della vita (non dissipativo)
 Tipo = Tipo di verifica effettuata
 Tp = Tipo di acciaio
 Tx = Taglio in dir. X
 Ty = Taglio in dir. Y
 Wk = Ampiezza caratteristica delle fessure
 c = Ricoprimento dell'armatura
 s = Distanza massima tra le barre

Plinti pilastri n. 1-2-3-4-5-6

Caratteristiche delle sezioni e dei materiali utilizzati

Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
4.00	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Le tensioni sul terreno vengono calcolate oltre che per l'effetto delle reazioni vincolari anche considerando i seguenti effetti

Azioni ed effetti comuni

Az	N <daN>	Mx <daNm>	My <daNm>
PP	5760.00	0.00	0.00
SVR	0.00		

Azioni, effetti e tensioni sul terreno

Caso	Nodo	CC	TCC	Az	N <daN>	Tx <daN>	Ty <daN>	Mx <daNm>	My <daNm>	s _t <daN/cm²>
137	5	41	SLU	RVN	13651.60	-485.31	4511.46	-649.69	36.83	
	5	41	SLU	TAG				-4060.31	-436.78	
	5	41	SLU	ECC				-8190.97	0.00	
	5	41	SLU	TOT	19411.60	-485.31	4511.46	-12901.00	-399.95	-5.21
35	2	13	SLV (E)	RVN	9657.70	-687.52	3767.44	-911.48	-54.05	
	2	13	SLV (E)	TAG				-3390.70	-618.77	
	2	13	SLV (E)	ECC				-5794.62	0.00	
	2	13	SLV (E)	TOT	15417.70	-687.52	3767.44	-10096.80	-672.83	-4.80
76	3	36	SLE Q	RVN	8577.95	1.47	2598.29	-413.49	14.12	
	3	36	SLE Q	TAG				-2338.46	1.33	
	3	36	SLE Q	ECC				-5146.77	0.00	
	3	36	SLE Q	TOT	14338.00	1.47	2598.29	-7898.72	15.45	-2.40
82	3	42	SLE R	RVN	9491.93	-265.20	2946.95	-468.09	5.80	
	3	42	SLE R	TAG				-2652.26	-238.68	
	3	42	SLE R	ECC				-5695.16	0.00	
	3	42	SLE R	TOT	15251.90	-265.20	2946.95	-8815.51	-232.88	-2.95
75	3	35	SLE F	RVN	8746.43	-86.99	2659.66	-422.81	11.01	
	3	35	SLE F	TAG				-2393.70	-78.29	
	3	35	SLE F	ECC				-5247.86	0.00	
	3	35	SLE F	TOT	14506.40	-86.99	2659.66	-8064.37	-67.28	-2.50

Stato limite ultimo - Verifiche a flessione/pressoflessione

Caso	Nodo	CC	TCC	PV	Coord. <m>	Mom <daNm>	MRd <daNm>	Sic.
137	5	41	SLU	XX1	0.20	49535.50	66848.70	1.35
137	5	41	SLU	YY1	0.12	16354.80	30031.60	1.84
137	5	41	SLU	YY2	-0.12	16354.80	30031.60	1.84

Stato limite ultimo - Verifiche a flessione/pressoflessione

Caso	Nodo	CC	TCC	PV	Coord. <m>	Mom <daNm>	M'yd <daNm>	Sic.
35	2	13	SLV (E)	XX1	0.20	37885.30	-64372.90	1.70
35	2	13	SLV (E)	YY1	0.12	12508.30	-29027.90	2.32
35	2	13	SLV (E)	YY2	-0.12	12508.30	-29027.90	2.32

Stato limite d'esercizio - Verifiche a flessione

Caso	Nodo	CC	TCC	PV	Coord. <m>	Mom <daNm>	AfT <cmq>	AfC <cmq>	s _o <daN/cm²>	s _f <daN/cm²>
75	3	35	SLE F	XX1	0.20	18820.00	20.36	7.92	-17.38	1146.57
75	3	35	SLE F	YY1	0.12	6213.66	9.05	9.05	-8.10	835.64
75	3	35	SLE F	YY2	-0.12	6213.66	9.05	9.05	-8.10	835.64
76	3	36	SLE Q	XX1	0.20	18034.70	20.36	7.92	-16.66	
76	3	36	SLE Q	YY1	0.12	5954.39	9.05	9.05	-7.76	
76	3	36	SLE Q	YY2	-0.12	5954.39	9.05	9.05	-7.76	
82	3	42	SLE R	XX1	0.20	22524.00	20.36	7.92	-20.80	1372.23
82	3	42	SLE R	YY1	0.12	7436.58	9.05	9.05	-9.69	1000.11
82	3	42	SLE R	YY2	-0.12	7436.58	9.05	9.05	-9.69	1000.11

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Nodo	CC	TCC	PV	Coord. <m>	Mom <daNm>	c <mm>	s <mm>	K ₂	F _{eq}	D _{sen} <mm>	A _s <cmq>	A _{s eff} <cmq>	s _o <daN/cm²>	e _{sm}	Wk <mm>
76	3	36	SLE Q	XX1	0.20	18034.70	31.00	211.97	0.50	18.00	557.62	20.36	1600.00	1098.73	0.32	0.30
76	3	36	SLE Q	YY1	0.12	5954.39	34.00	214.56	0.50	12.00	595.57	9.05	1600.00	800.78	0.23	0.24
76	3	36	SLE Q	YY2	-0.12	5954.39	34.00	214.56	0.50	12.00	595.57	9.05	1600.00	800.78	0.23	0.24
75	3	35	SLE F	XX1	0.20	18820.00	31.00	211.97	0.50	18.00	557.62	20.36	1600.00	1146.58	0.33	0.32
75	3	35	SLE F	YY1	0.12	6213.66	34.00	214.56	0.50	12.00	595.57	9.05	1600.00	835.64	0.24	0.25
75	3	35	SLE F	YY2	-0.12	6213.66	34.00	214.56	0.50	12.00	595.57	9.05	1600.00	835.64	0.24	0.25

Verifiche effettuate

Caso	Tipo
137	S _{t min} (max compr.),SLU N cost - min. sic.
35	SND N cost - min. sic. lim. el.
76	C.Q.Per. - s _{c min} (max compr.),C.Q.Per. - W _{k max}
82	C.Rare - s _{c min} (max compr.),C.Rare - s _{f max} (max traz.),C.Rare - s _{f min} (max compr.)
75	C.Freq - W _{k max}

Plinti pilastri n. 7-8-9-10-11-12

Caratteristiche delle sezioni e dei materiali utilizzati

Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
4.00	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Le tensioni sul terreno vengono calcolate oltre che per l'effetto delle reazioni vincolari anche considerando i seguenti effetti

Azioni ed effetti comuni

Az	N <daN>	Mx <daNm>	My <daNm>
PP	5062.50	0.00	0.00
SVR	0.00		

Azioni, effetti e tensioni sul terreno

Caso	Nodo	CC	TCC	Az	N <daN>	Tx <daN>	Ty <daN>	Mx <daNm>	My <daNm>	s _t <daN/cm>	
43	8	41	SLU	RVN	20258.50	-68.16	-4441.60	749.90	-116.96		
		41	SLU	TAG				3997.44	-61.35		
		8	41	SLU	ECC				0.00	0.00	
		8	41	SLU	TOT	25321.00	-68.16	-4441.60	4747.35	-178.31	-2.00
65	9	41	SLU	RVN	20423.00	-86.24	-4357.78	731.92	-123.20		
		41	SLU	TAG				3922.00	-77.62		
		9	41	SLU	ECC				0.00	0.00	
		9	41	SLU	TOT	25485.50	-86.24	-4357.78	4653.92	-200.82	-2.00
66	9	42	SLE R	RVN	13615.40	-57.50	-2905.19	487.95	-82.14		
		42	SLE R	TAG				2614.67	-51.75		
		9	42	SLE R	ECC				0.00	0.00	
		9	42	SLE R	TOT	18677.90	-57.50	-2905.19	3102.62	-133.88	-1.41

Stato limite ultimo - Verifiche armatura fondo

Caso	Nodo	CC	TCC	FtirX <daN>	Af _x <cmq>	FDtirX <daN>	FtirY <daN>	Af _y <cmq>	FDtirY <daN>
43	8	41	SLU	8833.67	7.92	30978.80	8833.67	7.92	30978.80
65	9	41	SLU	8905.40	7.92	30978.80	8905.40	7.92	30978.80

Stato limite d'esercizio - Verifiche armatura fondo

Caso	Nodo	CC	TCC	FtirX <daN>	Af _x <cmq>	s _{fx} <daN/cmq>	FtirY <daN>	Af _y <cmq>	s _{fy} <daN/cmq>
66	9	42	SLE R	5936.93	7.92	749.91	5936.93	7.92	749.91

Verifiche effettuate

Caso	Tipo
43	s _{t min} (max compr.)
65	SLU N cost - min. sic.
66	C.Rare - s _{f max} (max traz.)

Plinti pilastri n. 13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36

Caratteristiche delle sezioni e dei materiali utilizzati

Cf <cm>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	TP	Fyk <daN/cm²>	Fyd <daN/cm²>
4.00	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Le tensioni sul terreno vengono calcolate oltre che per l'effetto delle reazioni vincolari anche considerando i seguenti effetti

Azioni ed effetti comuni

Az	N <daN>	Mx <daNm>	My <daNm>
PP	2722.50	0.00	0.00
SVR	0.00		

Azioni, effetti e tensioni sul terreno

Caso	Nodo	CC	TCC	Az	N <daN>	Tx <daN>	Ty <daN>	Mx <daNm>	My <daNm>	s _t <daN/cmq>	
351	28	41	SLU	RVN	9551.84	-306.78	174.57	-200.72	-260.81		
		41	SLU	TAG				-157.11	-276.10		
		28	41	SLU	ECC			0.00	0.00		
		28	41	SLU	TOT	12274.30	-306.78	174.57	-357.83	-536.91	-1.42
329	27	41	SLU	RVN	9614.03	103.67	182.20	-210.47	-0.72		
		27	41	SLU	TAG				-163.98	93.30	
		27	41	SLU	ECC			0.00	0.00		
		27	41	SLU	TOT	12336.50	103.67	182.20	-374.44	92.58	-1.23
330	27	42	SLE R	RVN	6409.35	69.11	121.47	-140.31	-0.48		
		27	42	SLE R	TAG				-109.32	62.20	
		27	42	SLE R	ECC			0.00	0.00		
		27	42	SLE R	TOT	9131.85	69.11	121.47	-249.63	61.72	-0.90

Stato limite ultimo - Verifiche armatura fondo

Caso	Nodo	CC	TCC	FtirX <daN>	Af _x <cmq>	FDtirX <daN>	FtirY <daN>	Af _y <cmq>	FDtirY <daN>
351	28	41	SLU	3054.37	6.79	26553.30	3054.37	6.79	26553.30
329	27	41	SLU	3074.25	6.79	26553.30	3074.25	6.79	26553.30

Stato limite d'esercizio - Verifiche armatura fondo

Caso	Nodo	CC	TCC	FtirX <daN>	Af _x <cmq>	s _{fx} <daN/cmq>	FtirY <daN>	Af _y <cmq>	s _{fy} <daN/cmq>
330	27	42	SLE R	2049.50	6.79	302.03	2049.50	6.79	302.03

Verifiche effettuate

Caso	Tipo
351	s _{t min} (max compr.)
329	SLU N cost - min. sic.
330	C.Rare - s _{f max} (max traz.)

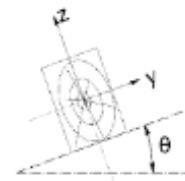
Verifiche arcarecci in legno

Verifica di travi rettangolari in legno

Oggetto: TRAVE LUCE
MAX

Caratteristiche dei materiali

Legno	GL24h	Lamellare	$f_{m,k} =$	24 MPa
$\gamma_M =$	1,45		$f_{v,k} =$	3,5 MPa
				420
Classe di Servizio	1		$\rho_m =$	kg/mc
				11500
			$E =$	MPa



Caratteristiche geometriche

b	12 cm	$A =$	312 cm
h	26 cm	$J_y =$	17576 cm ⁴
L	565 cm	$W_y =$	1352 cm ³
i	175 cm	$h/b =$	2,17
L_{eff}/L	0,9		

$\theta = 10^\circ$

Analisi dei carichi

$G_1 =$	8 kg/mq	$q_{G1} =$	14 kg/m
$G_2 =$	50 kg/mq	$q_{G2} =$	88 kg/m
$Q_1 =$	80 kg/mq	$q_{Q1} =$	140 kg/m
Tot =	138 kg/mq	Tot =	242 kg/m

Verifica a flessione SLU ($M_{Ed} = q_{SLU} L^2 / \alpha$)

	M_{Ed} (kg m)	Durata	k_{mod}	$\sigma_{m,d}$ (MPa)	$f_{m,d}$ (MPa)	E_d/R_d	FS
Flessione Max ($G_1; G_2$)	596	Permanent e	0,60	4,88	9,93	0,49	2,04
Flessione Max ($G_1; G_2; Q_1$)	1434	Breve	0,90	11,74	14,90	0,79	1,27

Verifica a taglio SLU ($V_{Ed} = q_{SLU} L / \beta$)

	V_{Ed} (kg)	Durata	k_{mod}	τ_d (MPa)	$f_{v,d}$ (MPa)	$\tau_d/f_{v,d}$	FS
Taglio Max ($G_1; G_2$)	422	Permanent e	0,60	0,28	1,45	0,20	5,10
Taglio Max ($G_1; G_2; Q_1$)	1015	Breve	0,90	0,68	2,17	0,31	3,18

fcal=finiz+fdif									
finiz	Freccia sitantanea								
fdif	Freccia differita che tiene conto della viscosità e dell'umidità								
finiz=(5/384)*(q*I^4)/E* J									
L=	565 cm								
q= G1+G2+Q									
J _y =	17576 cm^4								
E =	115000 Kg/cmq								
G1	14 kg/m								
G2	87,5 kg/m								
Q	140 kg/m								
finiz	1,58 cm								
fdif=	kdef*f'in								
kdef	0,6 In quanto legno lamellare e classe di servizio 1								
f'in=(5/384)*(q*I^4)/E* J									
L=	565 cm								
q= G1+G2+Ψ 21* Q									
Ψ21=	0 In quanto Qè il carico accidentale dovuto alla neve con altitudine miore di 1000 m								
f'in	0,67 cm								
fdif	0,40 cm								
fcal=finiz+fdif	1,98 cm								
fadm=L/250	2,26 cm								

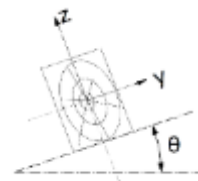
Verifica di travi rettangolari in legno

Oggetto: TRAVE LUCE MAX
RIDOTTA

Caratteristiche dei materiali

Legno	GL24h	Lamellare
γ_M	1,45	
Classe di Servizio	1	

$f_{m,k}$	=	24 MPa
$f_{v,k}$	=	3,5 MPa
		420
ρ_m	=	kg/mc
		11500
E	=	MPa



Caratteristiche geometriche

b	8 cm	A	=	170 cm
h	22 cm	J_y	=	6734 cm ⁴
L	565 cm	W_y	=	618 cm ³
i	175 cm	h/b	=	2,79
L_{eff}/L	0,9			

θ 10°

Analisi dei carichi

G_1	=	5 kg/mq	q_{G1}	=	8 kg/m
G_2	=	50 kg/mq	q_{G2}	=	88 kg/m
Q_1	=	0 kg/mq	q_{Q1}	=	0 kg/m
Tot	=	55 kg/mq	Tot	=	96 kg/m

Verifica a flessione SLU ($M_{Ed} = q_{SLU} L^2 / \alpha$)

	M_{Ed} (kg m)	Durata	k_{mod}	α 8	$\sigma_{m,d}$ (MPa)	$f_{m,d}$ (MPa)	E_d/R_d	FS
Flessione Max ($G_1; G_2$)	565	Permanente	0,60		9,86	9,93	0,99	1,01
Flessione Max ($G_1; G_2; Q_1$)	565	Breve	0,90		9,86	14,90	0,66	1,51

Verifica a taglio SLU ($V_{Ed} = q_{SLU} L / \beta$)

	V_{Ed} (kg)	Durata	k_{mod}	β 2	τ_d (MPa)	$f_{v,d}$ (MPa)	$\tau_d/f_{v,d}$	FS
Taglio Max ($G_1; G_2$)	400	Permanente	0,60		0,49	1,45	0,34	2,93
Taglio Max ($G_1; G_2; Q_1$)	400	Breve	0,90		0,49	2,17	0,23	4,40

Verifica di travi rettangolari in legno

Oggetto: TRAVE LUCE
MINIMA

Caratteristiche dei materiali

Legno	GL24h	Lamellare	$f_{m,k} =$	24 MPa
$\gamma_M =$	1,45		$f_{v,k} =$	3,5 MPa
Classe di Servizio	1		$\rho_m =$	420 kg/mc
			$E =$	11500 MPa

Caratteristiche geometriche

b	12 cm	$A =$	240 cm
h	20 cm	$J_y =$	8000 cm ⁴
L	385 cm	$W_y =$	800 cm ³
i	175 cm	$h/b =$	1,67
L_{eff}/L	0,9		

θ 10°

Analisi dei carichi

$G_1 =$	6 kg/mq	$q_{G1} =$	11 kg/m
G_2	50 kg/mq	$q_{G2} =$	88 kg/m
Q_1	80 kg/mq	$q_{Q1} =$	140 kg/m
Tot =	136 kg/mq	Tot =	239 kg/m

Verifica a flessione SLU ($M_{Ed} = q_{SLU} L^2/\alpha$)

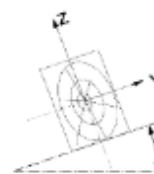
	M_{Ed} (kg m)	Durata	k_{mod}	$\sigma_{m,d}$ (MPa)	$f_{m,d}$ (MPa)	E_d/R_d	FS
Flessione Max ($G_1; G_2$)	270	Permanente	0,60	3,73	9,93	0,38	2,66
Flessione Max ($G_1; G_2; Q_1$)	659	Media	0,80	9,11	13,24	0,69	1,45

Verifica a taglio SLU ($V_{Ed} = q_{SLU} L/\beta$)

	V_{Ed} (kg)	Durata	k_{mod}	τ_d (MPa)	$f_{v,d}$ (MPa)	$\tau_d/f_{v,d}$	FS
Taglio Max ($G_1; G_2$)	280	Permanente	0,60	0,25	1,45	0,17	5,91
Taglio Max ($G_1; G_2; Q_1$)	684	Media	0,80	0,60	1,93	0,31	3,22

Verifica deformazione SLE ($u = \chi q l^4/EJ$)

	Tipo	$\psi_{2,i}$	k_{def}	E (GPa)	u (cm)	
$u_{1,inst}$	perm. ist.			11,50	0,31	
$u_{21,inst}$	var. ist.			11,50	0,43	L/886
u_{inst}	tot. ist.			$u_{1,inst} + u_{21,inst} =$	0,74	
$u_{1,fin}$	perm. fin.		0,60	7,19	0,49	
$u_{21,fin}$	var. fin.	0,6	0,60	8,46	0,59	L/651
u_{fin}	tot. fin.			$u_{1,fin} + u_{21,fin} =$	1,08	
u_0	controfreccia iniziale				0	
$u_{net,fin}$	fin. netta			$u_{fin} - u_0 =$	1,08	L/356



Verifica di travi rettangolari in legno

Oggetto: TRAVICELLO IN LEGNO 12x20
incendio

Caratteristiche dei materiali

Legno	GL24h	Lamellare	$f_{m,k} =$	24 MPa
$\gamma_M =$	1,45		$f_{v,k} =$	3,5 MPa
Classe di Servizio	1			420
			$\rho_m =$	kg/mc
				11500
			$E =$	MPa

Caratteristiche geometriche

b	8 cm	$A =$	123 cm
h	16 cm	$J_y =$	2564 cm ⁴
L	385 cm	$W_y =$	325 cm ³
i	175 cm	$h/b =$	2,03
L_{eff}/L	0,9		

θ 10°

Analisi dei carichi

$G_1 =$	3 kg/mq	$q_{G1} =$	6 kg/m
$G_2 =$	50 kg/mq	$q_{G2} =$	88 kg/m
$Q_1 =$	0 kg/mq	$q_{Q1} =$	0 kg/m
Tot =	53 kg/mq	Tot =	94 kg/m

Verifica a flessione SLU ($M_{Ed} = q_{SLU} L^2/\alpha$)

	M_{Ed} (kg m)	Durata	k_{mod}	$\sigma_{m,d}$ (MPa)	$f_{m,d}$ (MPa)	E_d/R_d	FS
Flessione Max ($G_1; G_2$)	258	Permanente	0,60	8,78	9,93	0,88	1,13
Flessione Max ($G_1; G_2; Q_1$)	258	Media	0,80	8,78	13,24	0,66	1,51

Verifica a taglio SLU ($V_{Ed} = q_{SLU} L/\beta$)

	V_{Ed} (kg)	Durata	k_{mod}	τ_d (MPa)	$f_{v,d}$ (MPa)	$\tau_d/f_{v,d}$	FS
Taglio Max ($G_1; G_2$)	268	Permanente	0,60	0,46	1,45	0,31	3,18
Taglio Max ($G_1; G_2; Q_1$)	268	Media	0,80	0,46	1,93	0,24	4,23

Q	QMA	QMB	QMS	QMT
	QSA	QTB	QTS	QTT
N	NVA	NFB	NSOL	NTAM
O	OFA	OFB		
Q	QORA			

Crea gruppo

Quindi si verifica il solaio con tali carichi

$Q_P = 300 \text{ kg/mq}$
 $Q_{ps} = 250 \text{ kg/mq}$
 $Q_a = 80 + 50 = 130 \text{ kg/mq}$
 $Q_{tot} = 700 \text{ kg/mq}$

$Q_P = 300 \text{ kg/mq}$
 $Q_{ps} = 30 \text{ kg/mq}$
 $Q_a = 80 + 50 = 130 \text{ kg/mq}$
 $Q_{tot} = 460 \text{ kg/mq}$ a cui

Come detto la macchina ha un ingombro di circa 2.5mx7.5m e si considera che il peso si distribuisca con n° 12 piedini. Ovvero N° 6 piedini per ogni lato longitudinale. Pertanto, su ogni lato, si avranno n° 1 piedino sia sulla trave 110 e che sulla trave 112. Due piedini nella campata tra le travi 110 e 112, un piedino nella campata tra le travi 107 e 110 e un piedino tra le campate 112 e 114.

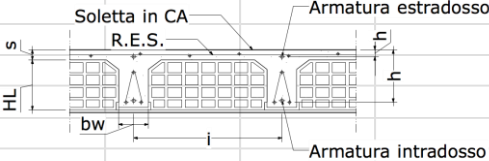
Pertanto, nella campata più lunga, $L=4.40\text{m}$, si ha un solo piedino, mentre nella campata più corta, $L=3.51\text{m}$ si avranno 2 piedini

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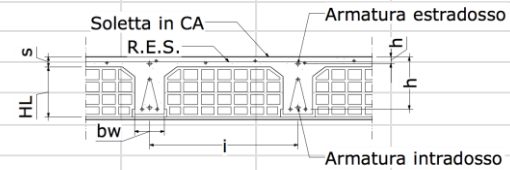
$M = P \cdot l / 4$ e $T = P / 2$
Campata $L = 4.40\text{m}$
 $P = 350 \cdot 1.5 = 525 \text{ kg}$
 $M = 525 \cdot 4.4 / 4 = 578 \text{ kg} \cdot \text{m}$
 $T = 525 / 2 = 263 \text{ kg}$

Campata $L = 3.51\text{m}$
 $P = 350 \cdot 1.5 = 525 \text{ kg}$
 $M = 525 \cdot 2 \cdot 3.51 / 4 = 922 \text{ kg} \cdot \text{m}$
 $T = 525 \cdot 2 / 2 = 525 \text{ kg}$

Condizione di carico con carico macchina distribuito

Verifica di solaio in Latero-Cemento							
Oggetto:	Solaio con carico macchina distribuito						
Caratteristiche dei materiali							
Calcestruzzo	C28/35	$f_{ck} = 28$ MPa	$f_{cd} = 15,87$ MPa				
Acciaio	B450C	$f_{yk} = 450$ MPa	$f_{yd} = 391$ MPa				
Caratteristiche geometriche							
L	440	cm	i	50	cm		
H_L	20	cm	b_w	12	cm		
s	4	cm	$b_L =$	38	cm		
$H =$	24	cm	$\lambda =$	18,33	Snellezza del solaio		
Armatura	n° barre	$\varnothing$ barre (mm)	d (cm)	A_s (cmq)	A_{sd} (cmq)	ρ	$L_\varnothing$ (cm)
estradosso	2	12	3		2,26	0,0079	24+143
intradosso	2	16	21		4,02	0,0140	5+440+51
Analisi dei carichi							
G_1	300	kg/mq					
G_2	250	kg/mq					
Q_1	150	kg/mq					
Tot =	700	kg/mq					
Verifica a flessione in campata ($M_{Ed} = q L^2 / \alpha$ - armatura resistente: continua intradosso)							
α	M_{Ed} (kg m)	x (cm)	ω_s	M_{Rd} (kg m)	M_{Ed} / M_{Rd}	FS	
SLU 8	1198	10,32	0,39	2653	0,45	2,21	
ψ	M_{Ed} (kg m)	x (cm)	J (cm ⁴)	σ_c (MPa)	σ_s (MPa)		
SLER 847	6,28	17047	3,12	110	3,27		
SLEQ 0,3	720	6,28	17047	2,65	94	3,80	
Verifica a flessione in appoggio ($M_{Ed} = q L^2 / \alpha$ - armatura resistente: spezzoni estradosso)							
α	M_{Ed} (kg m)	x (cm)	ω_s	M_{Rd} (kg m)	M_{Ed} / M_{Rd}	FS	
SLU 16	599	5,81	0,22	1652	2,76		
ψ	M_{Ed} (kg m)	x (cm)	J (cm ⁴)	σ_c (MPa)	σ_s (MPa)		
SLER 424	8,43	7757	4,60	103	2,92		
SLEQ 0,3	360	8,43	7757	3,91	88	3,22	
Verifica a taglio ($V_{max} = q L / \beta$)							
β	$V_{Ed} =$	1089	kg				FS
$k =$	$V_{Rd} =$	2120	kg				1,95
	$V_{Rd,\varnothing} =$	15723	kg				14,44
Verifica a flessione e punzonamento della soletta per carico concentrato su impronta 5x5 cm							
P	350	kg	$\varnothing$ (mm)	passo (cm)	$A_{s,r}$ (cmq)		
			Rete 10	10	1,02		
Flessione allo SLER							
b_m (cm)	M_{Ed} (kg m)	x (cm)	J (cm ⁴)	σ_c (MPa)	σ_s (MPa)		
SLER 13	17	1,29	17	12,82	105,46		
Punzonamento allo SLU							
$v_{Ed,0} =$	1,31	MPa	$v_{Rd,0} =$	3,17	MPa		
$v_{Ed,1} =$	0,58	MPa	$v_{Rd,1} =$	1,15	MPa		
Verifica di deformabilità							
K	1	$\lambda_{lim} = 34,49$	$\lambda = L / H = 18,33$				

Condizione di carico con carico macchina concentrato

Verifica di solaio in Latero-Cemento							
Oggetto:	Solaio con carico macchina concentrato						
Caratteristiche dei materiali							
Calcestruzzo	C28/35	$f_{ck} = 28$ MPa	$f_{cd} = 15,87$ MPa				
Acciaio	B450C	$f_{yk} = 450$ MPa	$f_{yd} = 391$ MPa				
Caratteristiche geometriche							
L	440	cm	i	50	cm		
H_L	20	cm	b_w	12	cm		
s	4	cm	b_L	38	cm		
H	24	cm	λ	18,33	Snellezza del solaio		
Armatura	n° barre	ø barre (mm)	d (cm)	A_s (cmq)	A_{sd} (cmq)	ρ	L_ϕ (cm)
estradosso	2	12	3		2,26	0,0079	24+143
intradosso	2	16	21		4,02	0,0140	5+440+51
Analisi dei carichi							
G_1	300	kg/mq					
G_2	30	kg/mq					
Q_1	150	kg/mq					
Tot =	480	kg/mq					
Verifica a flessione in campata ($M_{Ed} = q L^2 / \alpha$ - armatura resistente: continua intradosso)							
α	M_{Ed} (kg m)	x (cm)	ω_s	M_{Rd} (kg m)	M_{Ed} / M_{Rd}	FS	
SLU 8	799	10,32	0,39	2653	0,30	3,32	
ψ	M_{Ed} (kg m)	x (cm)	J (cm ⁴)	σ_c (MPa)	σ_s (MPa)		
SLER 581	6,28	17047	2,14	76	4,74		
SLEQ 0,3	454	6,28	17047	1,67	59	6,03	
Verifica a flessione in appoggio ($M_{Ed} = q L^2 / \alpha$ - armatura resistente: spezzoni estradosso)							
α	M_{Ed} (kg m)	x (cm)	ω_s	M_{Rd} (kg m)	M_{Ed} / M_{Rd}	FS	
SLU 16	399	5,81	0,22	1652	4,14		
ψ	M_{Ed} (kg m)	x (cm)	J (cm ⁴)	σ_c (MPa)	σ_s (MPa)		
SLER 290	8,43	7757	3,16	71	4,26		
SLEQ 0,3	227	8,43	7757	2,47	56	5,11	
Verifica a taglio ($V_{max} = q L / \beta$)							
β	2	$V_{Ed} =$	726	kg	FS		
$k =$	1,98	$V_{Rd} =$	2120	kg	2,92		
		$V_{Rd,\phi} =$	15723	kg	21,66		
Verifica a flessione e punzonamento della soletta per carico concentrato su impronta 5x5 cm							
			ø (mm)	passo (cm)	$A_{s,r}$ (cmq)		
P	350 kg	Rete	10	10	1,02		
Flessione allo SLER							
	b_m (cm)	M_{Ed} (kg m)	x (cm)	J (cm ⁴)	σ_c (MPa)	σ_s (MPa)	
SLER	13	17	1,29	17	12,69	104,39	
Punzonamento allo SLU							
$V_{Ed,0} =$	1,31 MPa	$V_{Rd,0} =$	3,17 MPa				
$V_{Ed,1} =$	0,58 MPa	$V_{Rd,1} =$	1,15 MPa				
Verifica di deformabilità							
K	1	$\lambda_{lim} =$	51,74	$\lambda = L / H =$	18,33		

A queste sollecitazioni, considerate a favore di sicurezza con la luce maggiore, si sommano quelle massime derivanti dalla presenza di due piedini di carico ovvero

M=922 kg*m

T=525 kg

Pertanto: MEdtot=799+922=1721 kg*m e MRd=2653 kg*m e quindi Fs=1.54
VEdtot=726+525=1251 kg e VRd=2120 kg e quindi Fs=1.69

Il progetto comunque prevede l'installazione delle macchine con scarico sulle travi indicate nel modello; pertanto, la posizione delle macchine deve essere quella di progetto.

Ogni travetto dovrà essere armato con almeno 2fi 12 superiore e 2 fi 16 inferiori oltre ai ferri monconi a momento negativo agli appoggi.

Pri ma dell'installazione delle macchine è prevista in progetto una prova di carico con i carichi di progetto.