



CITTÀ DI LUCCA

Amministrazione Comunale

Settore 5 - Lavori Pubblici e Traffico U.O. 5.3 – Edilizia Sportiva
Lucca Riscossioni e Servizi S.R.L.

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 DI FATTIBILITÀ TECNICO ECONOMICA

FASCICOLO DEI CALCOLI BLOCCO SPOGLIATOI

RTP: "PALAZZETTO DELLO SPORT AREA "EX CROCEROSSA"

Capogruppo, Progetto Opere Edili e Strutture:
Ing. Giuseppe Amante

Progetto Impianti, Antincendio, Acustica:
Studio Bellandi & Petri s.r.l. s.t.p.

Coordinatore della Sicurezza in fase di Progettazione:
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Giovane Professionista:
Arch. Barbara Tomei

Committente per la parte del Progetto di competenza Lucca Riscossioni e Servizi



Geologia:
Studio INGEO

Rilievo: Geom. Paolo Paoli, Comune di Lucca



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Data Emissione

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18/02/2026

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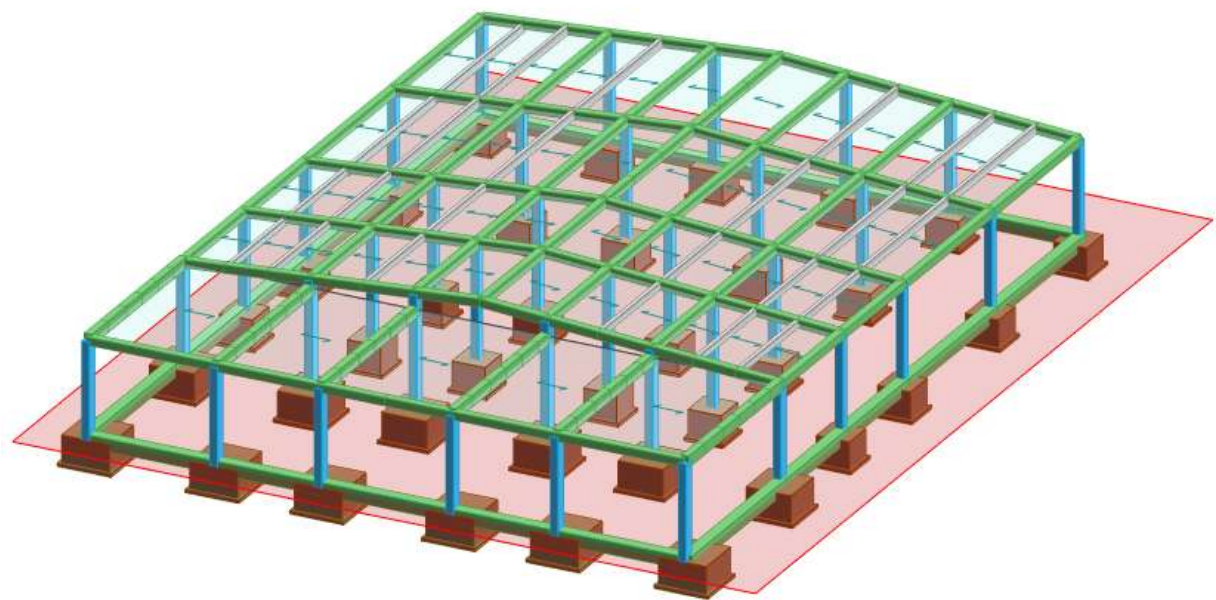
RS03

Sommario

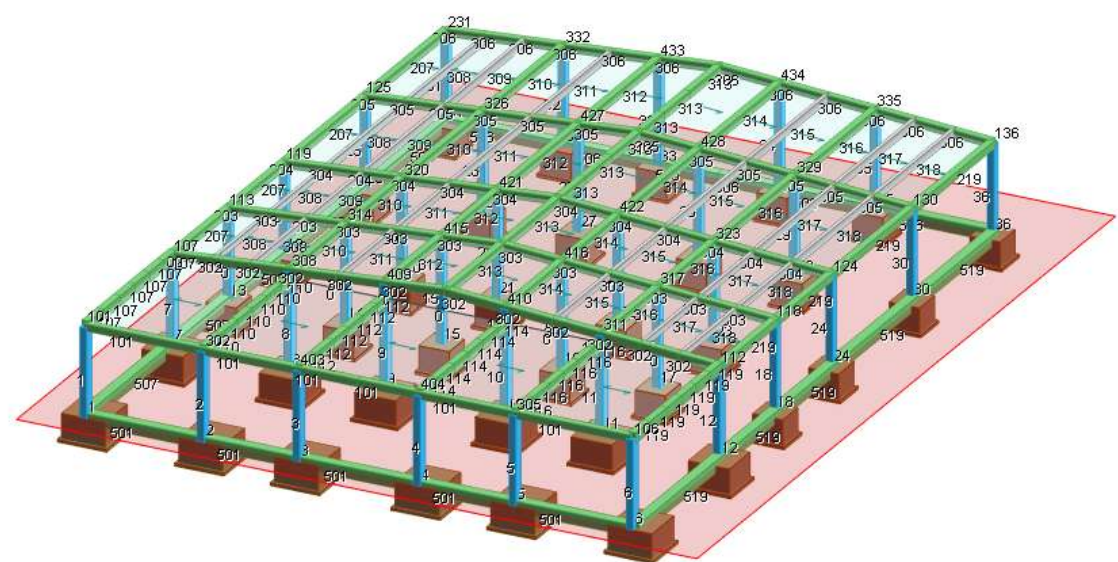
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BLOCCO SPOGLIATOI

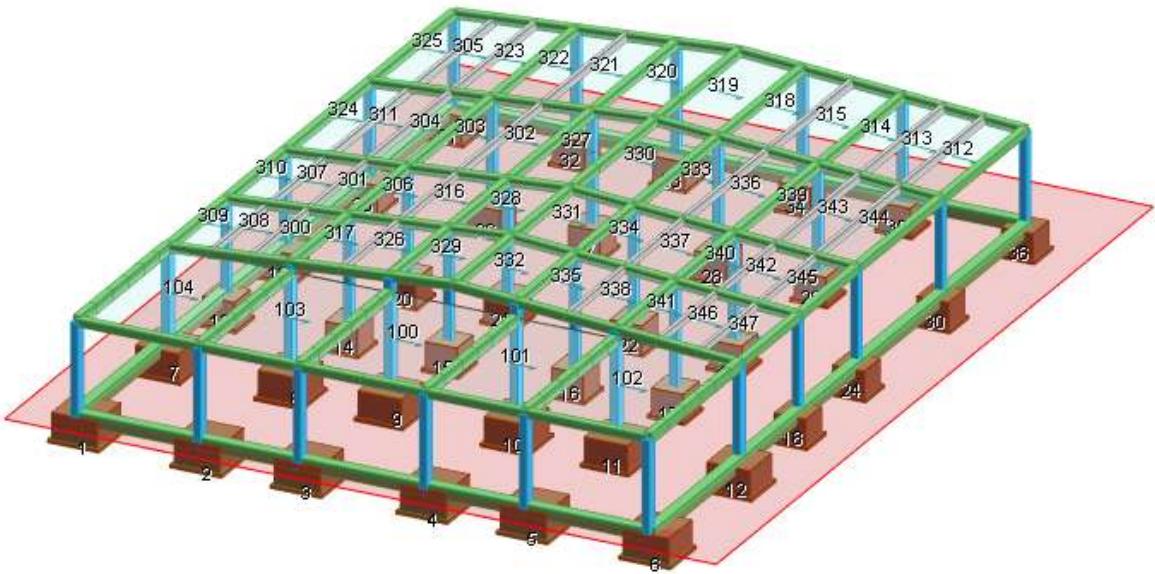
MODELLO 3D



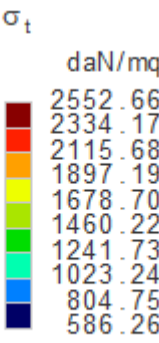
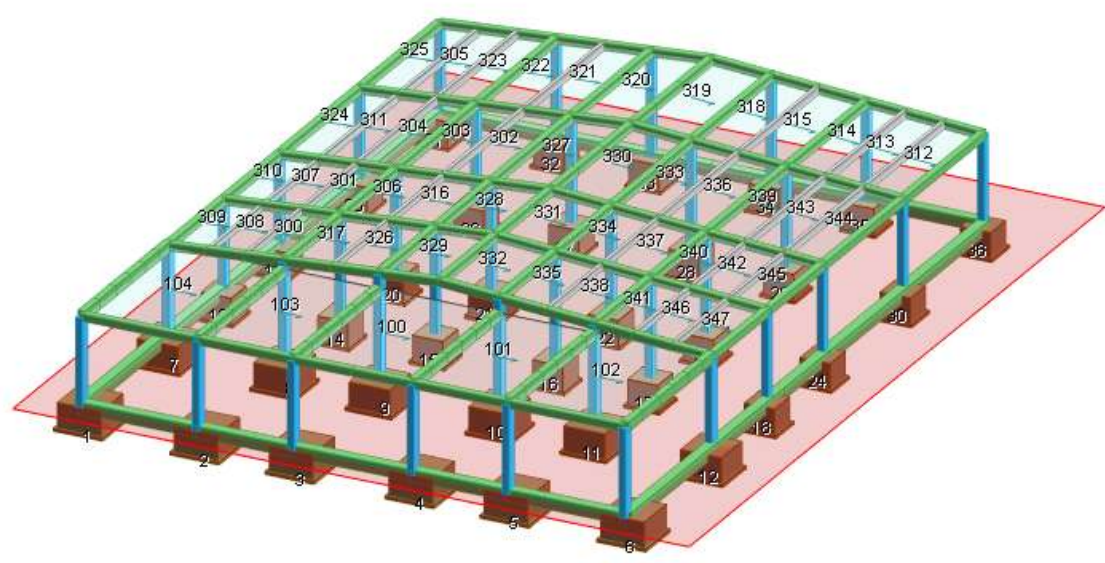
NODI E ASTE



SOLAI E PLINTI



TENSIONE SUL TERRENO



CC 33

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
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 25X35	R	P	C	35.00	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 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

Tl	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	1.43	0.17	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 solai

Simbologia

Nodi = Nodi del solaio
 Ord. = Orditura
 Sol. = Numero del solaio
 Ts = Numero del tipo solaio

Sol.	Ts	Ord. <grad>	Nodi
100	2	0.00	403 -95 -96 -97 -98 -99 -15 -16 -104 -103 -102 -101 -100 404 -8
101	2	0.00	404 -100 -101 -102 -103 -104 -16 -7 -109 -108 -107 -106 -105 305
102	2	0.00	305 -105 -106 -107 -108 -109 -7 112 -114 -113 -112 -111 -110 106
103	2	0.00	302 -115 -116 -117 -118 -119 -155 -15 -99 -98 -97 -96 -95 403
104	2	0.00	101 -120 -121 -122 -123 -124 107 -155 -119 -118 -117 -116 -115 302
300	1	0.00	-134 -132 314 308
301	1	0.00	-132 -130 320 314
302	1	0.00	-137 -136 427 421
303	1	0.00	320 326 -136 -137
304	1	0.00	-130 -128 326 320
305	1	0.00	-127 -125 -126 -128
306	1	0.00	314 320 -137 -147
307	1	0.00	-131 -129 -130 -132
308	1	0.00	-133 -131 -132 -134
309	1	0.00	107 113 -131 -133
310	1	0.00	113 119 -129 -131
311	1	0.00	-129 -127 -128 -130
312	1	0.00	-142 136 130 -144
313	1	0.00	-143 -141 -142 -144
314	1	0.00	329 335 -141 -143
315	1	0.00	-139 -138 335 329
316	1	0.00	-147 -137 421 415
317	1	0.00	308 314 -147 -148
318	1	0.00	428 434 -138 -139
319	1	0.00	-12 -43 -44 -13 434 428
320	1	0.00	427 433 -13 -44 -43 -12
321	1	0.00	-136 -135 433 427
322	1	0.00	326 332 -135 -136
323	1	0.00	-128 -126 332 326
324	1	0.00	119 125 -127 -129
325	1	0.00	125 231 -125 -127
326	1	0.00	-148 -147 415 409
327	1	0.00	421 427 -12 -42 -41 -11
328	1	0.00	415 421 -11 -10
329	1	0.00	409 415 -10 -9
330	1	0.00	-11 -41 -42 -12 428 422
331	1	0.00	-10 -11 422 416
332	1	0.00	-9 -10 416 410
333	1	0.00	422 428 -139 -140
334	1	0.00	416 422 -140 -149
335	1	0.00	410 416 -149 -150
336	1	0.00	-140 -139 329 323
337	1	0.00	-149 -140 323 317
338	1	0.00	-150 -149 317 311
339	1	0.00	323 329 -143 -145
340	1	0.00	317 323 -145 -151
341	1	0.00	311 317 -151 -153
342	1	0.00	-151 -145 -146 -152
343	1	0.00	-145 -143 -144 -146
344	1	0.00	-146 -144 130 124
345	1	0.00	-152 -146 124 118
346	1	0.00	-153 -151 -152 -154
347	1	0.00	-154 -152 118 112

Carichi

Elenco tipi CCE

Simbologia

$\gamma_{\max}$ = Coeff. $\gamma_{\max}$
 $\gamma_{\min.}$ = Coeff. $\gamma_{\min.}$
 ψ_0 = Coeff. ψ_0
 $\psi_{0,s}$ = Coeff. ψ_0 sismico (D.M. 96)
 ψ_1 = Coeff. ψ_1
 ψ_2 = Coeff. ψ_2
 Comm. = Commento
 Durata = Durata del carico
 P = Permanente
 L = Lunga

M = Media
 B = Breve
 Tipo = Tipologia
 G = Permanente
 Qv = Variabile vento
 Q = Variabile
 Tipo CCE = Tipo condizione di carico elementare

Tipo CCE	Comm.	Tipo	Durata	γ min.	γ max	ψ_0	ψ_1	ψ_2	$\psi_{0,s}$
1	D.M. 18 Permanenti strutturali	G	P	1.00	1.30				
2	D.M. 18 Permanenti non strutturali	G	L	0.80	1.50				
12	D.M. 18 Variabili Neve (a quota <= 1000 m s.l.m.)	Q	M	0.00	1.50	0.50	0.20	0.00	0.00
11	D.M. 18 Variabili Vento	Qv	B	0.00	1.50	0.60	0.20	0.00	0.00
10	D.M. 18 Variabili Categoria H - Coperture accessibili per sola manutenzione	Q	M	0.00	1.50	0.00	0.00	0.00	1.00

Condizioni di carico elementari

Simbologia

CCE = Numero della condizione di carico elementare
 Comm. = Commento
 Dir. = Direzione del vento
 Jpx = Moltiplicatore del momento d'inerzia intorno all'asse X
 Jpy = Moltiplicatore del momento d'inerzia intorno all'asse Y
 Jpz = Moltiplicatore del momento d'inerzia intorno all'asse Z
 Mx = Moltiplicatore della massa in dir. X
 My = Moltiplicatore della massa in dir. Y
 Mz = Moltiplicatore della massa in dir. Z
 Sic. = Contributo alla sicurezza
 S = a sfavore
 Tipo = Tipologia di pressione vento
 M = Massimizzata
 E = Esterna
 I = Interna
 Tipo CCE = Tipo di CCE per calcolo agli stati limite
 Var. = Tipo di variabilità
 B = di base
 A = ambigua
 s = Coeff. di riduzione (T.A. o S.L. D.M. 96)

CCE	Comm.	Tipo CCE	Sic.	Var.	s	Dir. <grad>	Tipo	Mx	My	Mz	Jpx	Jpy	Jpz
1	permanenti strutturali	1S	--	1.00	--	--	--	1.00	1.00	0.00	0.00	0.00	1.00
2	permanenti non strutturali	2S	--	1.00	--	--	--	1.00	1.00	0.00	0.00	0.00	1.00
3	accidentale neve	12S	B	1.00	--	--	--	1.00	1.00	0.00	0.00	0.00	1.00
4	vento	11S	A	1.00	0.00	M	--	--	--	--	--	--	--
5	Accidentale manutenzione	10S	B	1.00	--	--	--	1.00	1.00	0.00	0.00	0.00	1.00

Elenco carichi nodi

Condizione di carico n. 2: permanenti non strutturali

Carichi concentrati

Simbologia

Fx = Componente X della forza applicata
 Fy = Componente Y della forza applicata
 Fz = Componente Z della forza applicata
 Mx = Momento intorno all'asse X
 My = Momento intorno all'asse Y
 Mz = Momento intorno all'asse Z
 Nodo = Numero del nodo

Nodo	Fx <daN>	Fy <daN>	Fz <daN>	Mx <daNm>	My <daNm>	Mz <daNm>
-119	0.00	0.00	700.00	0.00	0.00	0.00
-117	0.00	0.00	700.00	0.00	0.00	0.00
-108	0.00	0.00	700.00	0.00	0.00	0.00
-99	0.00	0.00	700.00	0.00	0.00	0.00
-97	0.00	0.00	700.00	0.00	0.00	0.00

Nodo	Fx <daN>	Fy <daN>	Fz <daN>	Mx <daNm>	My <daNm>	Mz <daNm>
-118	0.00	0.00	700.00	0.00	0.00	0.00
-109	0.00	0.00	700.00	0.00	0.00	0.00
-107	0.00	0.00	700.00	0.00	0.00	0.00
-98	0.00	0.00	700.00	0.00	0.00	0.00

Risultati del calcolo

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	-3719.96	25	2423.41	13	1426.25	27	786.44	3	1831.67	21	15.02	3
1	1	101	Max	310.50	-3077.92	25	2423.41	13	4418.14	13	786.44	3	832.92	3	15.02	3
1	1	101	Min.	17.00	-4971.44	15	-113.58	27	-2694.57	13	-1092.72	21	-1475.28	3	-14.83	21
1	1	101	Min.	310.50	-4329.41	15	-113.58	27	1092.89	27	-1092.72	21	-1375.46	21	-14.83	21
2	2	302	Max	17.00	-6989.78	25	2613.99	13	200.00	27	1444.57	3	2441.33	21	15.02	3
2	2	302	Max	310.50	-6347.75	25	2613.99	13	6588.39	13	1444.57	3	1949.47	3	15.02	3
2	2	302	Min.	17.00	-7958.13	15	1284.36	27	-1083.68	13	-1507.66	21	-2290.35	3	-14.83	21
2	2	302	Min.	310.50	-7316.10	15	1284.36	27	3969.61	27	-1507.66	21	-1983.66	21	-14.83	21
3	3	403	Max	17.00	-7027.59	27	2483.29	13	178.59	27	1432.21	3	2300.06	21	15.02	3
3	3	403	Max	310.50	-6385.56	27	2483.29	13	6622.70	13	1432.21	3	1866.75	3	15.02	3
3	3	403	Min.	17.00	-8052.74	13	1324.28	27	-665.76	13	-1442.57	21	-2336.80	3	-14.83	21
3	3	403	Min.	310.50	-7410.71	13	1324.28	27	4065.36	27	-1442.57	21	-1933.88	21	-14.83	21
4	4	404	Max	17.00	-6498.13	9	2186.50	31	344.55	9	1454.74	3	2315.74	21	15.02	3
4	4	404	Max	310.50	-5856.10	9	2186.50	31	5918.47	31	1454.74	3	1949.05	3	15.02	3
4	4	404	Min.	17.00	-7521.41	31	1028.43	9	-498.90	31	-1420.20	21	-2320.63	3	-14.83	21
4	4	404	Min.	310.50	-6879.38	31	1028.43	9	3362.99	9	-1420.20	21	-1852.55	21	-14.83	21
5	5	305	Max	17.00	-6972.95	11	2612.45	31	164.82	9	1495.60	1	2306.02	23	15.02	3
5	5	305	Max	310.50	-6330.92	11	2612.45	31	6552.34	31	1495.60	1	1968.48	1	15.02	3
5	5	305	Min.	17.00	-7940.09	29	1285.91	9	-1115.21	31	-1453.78	23	-2421.11	1	-14.83	21
5	5	305	Min.	310.50	-7298.06	29	1285.91	9	3938.97	9	-1453.78	23	-1960.83	23	-14.83	21
6	6	106	Max	17.00	-3721.24	11	2417.59	31	1417.70	9	1095.04	1	1466.82	23	15.02	3
6	6	106	Max	310.50	-3079.21	11	2417.59	31	4408.23	31	1095.04	1	1377.23	1	15.02	3
6	6	106	Min.	17.00	-4972.08	29	-109.93	9	-2687.41	31	-782.18	23	-1836.70	1	-14.83	21
6	6	106	Min.	310.50	-4330.05	29	-109.93	9	1095.06	9	-782.18	23	-828.88	23	-14.83	21
7	7	107	Max	17.00	-4856.02	3	634.26	13	4205.94	27	304.56	3	693.85	21	15.02	3
7	7	107	Max	310.53	-4213.92	3	634.26	13	-132.11	13	304.56	3	332.60	3	15.02	3
7	7	107	Min.	17.00	-6105.94	21	-3111.51	27	-1993.86	13	-628.94	21	-561.38	3	-14.82	21
7	7	107	Min.	310.53	-5463.85	21	-3111.51	27	-4927.30	27	-628.94	21	-1152.28	21	-14.82	21
8	8	-155	Max	0.00	-8852.90	15	-1405.87	13	892.02	27	559.99	3	536.56	21	14.56	3
8	8	-155	Max	305.50	-8184.62	15	-1405.87	13	-4278.07	13	559.99	3	1192.11	3	14.56	3
8	8	-155	Min.	0.00	-9822.88	25	-2446.42	27	16.86	13	-609.80	21	-518.66	3	-14.37	21
8	8	-155	Min.	305.50	-9154.60	25	-2446.42	27	-6581.81	27	-609.80	21	-1326.38	21	-14.37	21
8	-155	308	Max	17.50	-1182.67	21	446.95	31	405.25	9	2322.99	21	1210.03	3	41.82	3
8	-155	308	Max	17.58	-1182.51	21	446.95	31	404.70	9	2322.77	21	1209.48	3	41.82	3
8	-155	308	Min.	17.50	-1672.78	3	-724.99	9	209.15	31	-724.39	3	-1101.11	21	-18.31	21
8	-155	308	Min.	17.58	-1672.62	3	-724.99	9	209.49	31	-724.17	3	-1099.35	21	-18.31	21
9	9	-15	Max	0.00	-9133.70	31	-1476.05	13	860.13	27	576.46	3	521.60	21	14.56	3
9	9	-15	Max	305.50	-8465.42	31	-1476.04	13	-4467.52	13	576.46	3	1236.21	3	14.56	3
9	9	-15	Min.	0.00	-10135.20	9	-2345.42	27	41.80	13	-570.13	21	-524.87	3	-14.37	21
9	9	-15	Min.	305.50	-9466.88	9	-2345.42	27	-6305.14	27	-570.13	21	-1220.14	21	-14.37	21
9	-15	409	Max	17.50	-1391.38	21	200.68	31	749.00	9	1421.08	21	1060.74	1	230.61	9
9	-15	409	Max	42.09	-1337.60	21	200.68	31	351.77	9	1421.06	21	576.86	1	230.61	9
9	-15	409	Min.	17.50	-1841.45	3	-1615.53	9	87.19	31	-1985.66	3	-1125.63	23	123.18	31
9	-15	409	Min.	42.09	-1787.67	3	-1615.51	9	136.54	31	-1985.63	3	-780.57	23	123.18	31
10	10	-16	Max	0.00	-7779.91	13	-1177.95	31	790.86	9	556.51	1	528.81	23	14.56	3
10	10	-16	Max	305.50	-7111.63	13	-1177.95	31	-3625.33	31	556.51	1	1182.93	1	14.56	3
10	10	-16	Min.	0.00	-8781.43	27	-2046.23	9	-26.71	31	-589.59	23	-517.22	1	-14.37	21
10	10	-16	Min.	305.50	-8113.15	27	-2046.23	9	-5460.36	9	-589.59	23	-1272.40	23	-14.37	21
10	-16	410	Max	17.50	-1575.83	1	829.90	13	380.73	27	2273.87	23	1131.51	3	-68.29	13
10	-16	410	Max	42.09	-1522.05	1	829.88	13	137.69	27	2273.84	23	857.32	3	-68.29	13
10	-16	410	Min.	17.50	-2025.71	23	-988.47	27	-281.77	13	-1131.27	1	-1055.86	21	-175.95	27
10	-16	410	Min.	42.09	-1971.92	23	-988.46	27	-77.72	13	-1131.26	1	-500.73	21	-175.95	27
11	11	-7	Max	0.00	-8772.26	29	-1381.51	31	885.46	9	607.80	1	518.21	23	14.56	3
11	11	-7	Max	305.50	-8103.98	29	-1381.51	31	-4208.34	31	607.80	1	1320.27	1	14.56	3
11	11	-7	Min.	0.00	-9741.32	11	-2419.64	9	12.16	31	-561.50	23	-536.56	1	-14.37	21
11	11	-7	Min.	305.50	-9073.04	11	-2419.64	9	-6506.55	9	-561.50	23	-1197.16	23	-14.37	21
11	-7	311	Max	17.50	-1097.32	1	244.96	13	480.67	27	405.53	23	1038.89	1	-47.12	1
11	-7	311	Max	17.58	-1097.16	1	244.96	13	479.97	27	405.52	23	1036.90	1	-47.12	1
11	-7	311	Min.	17.50	-1587.16	23	-928.09	27	284.37	13	-2640.46	1	-1271.17	23	-106.74	23
11	-7	311	Min.	17.58	-1587.00	23	-928.09	27	284.56	13	-2640.45	1	-1270.86	23	-106.74	23
12	12	112	Max	17.00	-4862.28	23	625.48	31	4199.60	9	630.29	1	558.87	23	15.02	3
12	12	112	Max	310.53	-4220.18	23	625.48	31	-142.53	31	630.29	1	1154.49	1	15.02	3
12	12	112	Min.	17.00	-6111.31	1	-3107.09	9	-1978.49	31	-302.74	23	-695.60	1	-14.82	21
12	12	112	Min.	310.53	-5469.21	1	-3107.09	9	-4920.67	9	-302.74	23	-329.75	23	-14.82	21
13	13	113	Max	17.00	-1525.80	3	927.66	13	1611.46	27	200.37	1	469.00	23	7.22	3
13	13	113	Max	310.53	-1067.16	3	927.66	13	1311.60	13	200.37	1	229.42	1	7.22	3

13	13	113	Min.	17.00	-2138.43	21	-988.99	27	-1411.38	13	-496.27	23	-358.73	1	-7.12	21
13	13	113	Min.	310.53	-1679.79	21	-988.99	27	-1291.53	27	-496.27	23	-987.71	23	-7.12	21
14	14	314	Max	0.00	-2671.25	27	349.59	13	272.48	27	419.30	1	394.90	23	-9.40	1
14	14	314	Max	340.58	-2139.11	27	349.59	13	755.39	13	419.30	1	978.59	1	-9.40	1
14	14	314	Min.	0.00	-3179.69	13	-176.39	27	-435.24	13	-311.35	23	-449.43	1	-23.56	23
14	14	314	Min.	340.58	-2647.54	13	-176.39	27	-328.26	27	-311.35	23	-665.48	23	-23.56	23
15	15	415	Max	0.00	-2812.35	27	359.56	13	204.10	27	235.99	1	420.72	23	0.33	9
15	15	415	Max	365.09	-2241.91	27	359.56	13	839.14	13	235.99	1	517.93	1	0.33	9
15	15	415	Min.	0.00	-3348.10	13	-109.60	27	-473.56	13	-358.25	23	-343.64	1	-17.44	31
15	15	415	Min.	365.09	-2777.65	13	-109.60	27	-196.05	27	-358.25	23	-887.20	23	-17.44	31
16	16	416	Max	0.00	-2796.43	9	347.47	31	220.35	9	358.25	3	343.16	21	19.97	13
16	16	416	Max	365.09	-2225.98	9	347.47	31	811.76	31	358.25	3	886.71	3	19.97	13
16	16	416	Min.	0.00	-3331.78	31	-121.34	9	-456.79	31	-236.01	21	-421.24	3	1.83	27
16	16	416	Min.	365.09	-2761.33	31	-121.34	9	-222.66	9	-236.01	21	-518.50	21	1.83	27
17	17	317	Max	0.00	-2668.01	9	348.74	31	272.94	9	312.37	3	448.37	21	21.01	3
17	17	317	Max	340.58	-2135.86	9	348.74	31	754.37	31	312.37	3	667.85	3	21.01	3
17	17	317	Min.	0.00	-3175.46	31	-176.17	9	-433.34	31	-418.30	21	-396.00	3	6.71	21
17	17	317	Min.	340.58	-2643.32	31	-176.17	9	-327.05	9	-418.30	21	-976.27	21	6.71	21
18	18	118	Max	17.00	-1528.07	23	922.83	31	1608.44	9	497.73	3	357.42	21	7.22	3
18	18	118	Max	310.53	-1069.43	23	922.83	31	1305.02	31	497.73	3	990.60	3	7.22	3
18	18	118	Min.	17.00	-2140.52	1	-987.07	9	-1403.78	31	-198.94	21	-470.39	3	-7.12	21
18	18	118	Min.	310.53	-1681.88	1	-987.07	9	-1288.91	9	-198.94	21	-226.53	21	-7.12	21
19	19	119	Max	17.00	-2108.13	3	922.84	13	1340.15	27	171.07	17	491.32	7	7.22	3
19	19	119	Max	310.53	-1649.49	3	922.84	13	1254.48	13	171.07	17	157.63	17	7.22	3
19	19	119	Min.	17.00	-2790.51	21	-821.77	27	-1454.34	13	-530.45	7	-344.52	17	-7.12	21
19	19	119	Min.	310.53	-2331.87	21	-821.77	27	-1072.01	27	-530.45	7	-1065.73	7	-7.12	21
20	20	320	Max	0.00	-3227.49	15	414.17	13	299.33	27	430.55	17	387.74	7	-10.46	1
20	20	320	Max	340.58	-2695.35	15	414.17	13	940.57	13	430.55	17	1012.15	17	-10.46	1
20	20	320	Min.	0.00	-3550.37	25	-225.94	27	-470.00	13	-298.76	7	-454.19	17	-23.50	23
20	20	320	Min.	340.58	-3018.22	25	-225.94	27	-470.16	27	-298.76	7	-629.77	7	-23.50	23
21	21	421	Max	0.00	-3510.33	15	414.30	13	232.63	27	208.29	19	433.96	5	2.13	9
21	21	421	Max	365.09	-2939.89	15	414.30	13	1006.34	13	208.29	19	434.76	19	2.13	9
21	21	421	Min.	0.00	-3862.32	25	-155.91	27	-506.22	13	-380.58	5	-325.68	19	-18.44	31
21	21	421	Min.	365.09	-3291.88	25	-155.91	27	-336.57	27	-380.58	5	-955.48	5	-18.44	31
22	22	422	Max	0.00	-3515.56	29	401.14	31	249.00	9	381.05	17	325.24	7	20.88	13
22	22	422	Max	365.09	-2945.11	29	401.14	31	975.21	31	381.05	17	956.51	17	20.88	13
22	22	422	Min.	0.00	-3867.23	11	-168.65	9	-489.31	31	-208.02	7	-434.67	17	-0.05	27
22	22	422	Min.	365.09	-3296.78	11	-168.64	9	-366.70	9	-208.02	7	-434.20	7	-0.05	27
23	23	323	Max	0.00	-3227.24	29	412.26	31	300.42	9	299.71	19	453.07	7	20.66	3
23	23	323	Max	340.58	-2695.10	29	412.26	31	936.68	31	299.71	19	632.16	19	20.66	3
23	23	323	Min.	0.00	-3549.42	11	-226.57	9	-467.37	31	-429.33	5	-388.61	17	7.50	21
23	23	323	Min.	340.58	-3017.27	11	-226.57	9	-471.24	9	-429.33	5	-1009.16	5	7.50	21
24	24	124	Max	17.00	-2110.05	23	918.20	31	1337.60	9	531.65	19	343.29	5	7.22	3
24	24	124	Max	310.53	-1651.40	23	918.20	31	1248.08	31	531.65	19	1068.38	19	7.22	3
24	24	124	Min.	17.00	-2792.24	1	-820.29	9	-1447.12	31	-169.58	5	-492.18	19	-7.12	21
24	24	124	Min.	310.53	-2333.60	1	-820.29	9	-1070.21	9	-169.58	5	-154.49	5	-7.12	21
25	25	125	Max	17.00	-2427.29	17	826.74	13	1399.25	27	187.74	17	668.57	7	7.22	3
25	25	125	Max	310.53	-1968.65	17	826.74	13	1090.53	13	187.74	17	123.91	17	7.22	3
25	25	125	Min.	17.00	-3091.37	7	-853.63	27	-1336.19	13	-620.64	7	-427.17	17	-7.12	21
25	25	125	Min.	310.53	-2632.72	7	-853.63	27	-1106.42	27	-620.64	7	-1153.21	7	-7.12	21
26	26	326	Max	0.00	-3769.07	5	372.29	13	308.46	27	438.90	17	386.28	7	-11.55	1
26	26	326	Max	340.58	-3236.92	5	372.29	13	819.73	13	438.90	17	1035.96	17	-11.55	1
26	26	326	Min.	0.00	-3936.13	19	-242.62	27	-448.19	13	-293.72	7	-458.81	17	-24.94	23
26	26	326	Min.	340.58	-3403.98	19	-242.62	27	-517.86	27	-293.72	7	-614.05	7	-24.94	23
27	27	427	Max	0.00	-4163.78	5	376.82	13	245.33	27	192.73	17	444.39	7	1.64	9
27	27	427	Max	365.09	-3593.33	5	376.82	13	891.29	13	192.73	17	387.11	17	1.64	9
27	27	427	Min.	0.00	-4368.34	19	-175.72	27	-484.42	13	-395.81	7	-316.52	17	-19.12	31
27	27	427	Min.	365.09	-3797.89	19	-175.72	27	-396.20	27	-395.81	7	-1000.67	7	-19.12	31
28	28	428	Max	0.00	-4162.18	17	364.48	31	260.79	9	395.83	19	315.79	5	21.77	13
28	28	428	Max	365.09	-3591.73	17	364.48	31	862.25	31	395.83	19	1000.69	19	21.77	13
28	28	428	Min.	0.00	-4366.84	7	-187.65	9	-468.43	31	-192.18	5	-444.44	19	0.65	27
28	28	428	Min.	365.09	-3796.39	7	-187.65	9	-424.30	9	-192.18	5	-385.85	5	0.65	27
29	29	329	Max	0.00	-3766.12	17	370.24	31	309.80	9	294.59	17	458.13	7	21.80	3
29	29	329	Max	340.58	-3233.97	17	370.24	31	815.62	31	294.59	17	616.33	17	21.80	3
29	29	329	Min.	0.00	-3933.12	7	-243.44	9	-445.34	31	-438.15	7	-386.96	17	8.28	21
29	29	329	Min.	340.58	-3400.97	7	-243.44	9	-519.28	9	-438.15	7	-1034.11	7	8.28	21
30	30	130	Max	17.00	-2429.81	5	822.42	31	1396.60	9	621.44	19	425.69	5	7.22	3
30	30	130	Max	310.53	-1971.17	5	822.42	31	1084.83	31	621.44	19	1155.52	17	7.22	3
30	30	130	Min.	17.00	-3093.28	19	-851.99	9	-1329.21	31	-186.09	5	-668.81	19	-7.12	21
30	30	130	Min.	310.53	-2634.64	19	-851.99	9	-1104.24	9	-186.09	5	-120.77	7	-7.12	21
31	31	231	Max	17.00	-1346.11	19	296.64	13	1277.37	27	467.71	17	1351.57	7	7.22	3
31	31	231	Max	310.53	-887.47	19	296.64	13	192.94	13	467.71	17	434.22	17	7.22	3
31	31	231	Min.	17.00	-2077.48	5	-817.96	27	-677.80	13	-870.63	7	-938.66	17	-7.12	21
31	31	231	Min.	310.53	-1618.84	5	-817.96	27	-1123.59	27	-870.63	7	-1204.00	7	-7.12	21
32	32	332	Max	17.00	-2149.60	13	161.54	13	538.41	27	880.77	17	1314.19	7	-9.16	3
32	32	332	Max	340.58	-1644.01	13	161.54	13	84.66	13	880.77	17	1394.68	17	-9.16	3
32	32	332	Min.	17.00	-2488.94	27	-438.66	27	-438.04	13	-735.80	7	-1455.28	17	-23.61	21
32	32	332	Min.	340.58	-1983.36	27	-438.66	27	-880.99	27	-735.80	7	-1066.69	7	-23.61	21
33	33	433	Max	17.00	-2242.61	15	137.37	13	410.61	27	614.12	19	1177.15	5	9.79	9
33	33	433	Max	365.09	-1698.73	15	137.37	13	47.05	13	614.12	19	936.96	19	9.79	9
33	33	433	Min.	17.00	-2646.65	25	-380.03	27	-431.13	13	-673.89	5	-1200.73	19	-7.64	31
33	33	433	Min.	365.09	-2102.76	25	-380.03	27	-912.22	27	-673.89	5	-1168.58	5	-7.64	31
34	34	434	Max	17.00	-2248.94	29	120.11	31	442.52	9	674.84	17	1202.45	7	10.63	1

36	36	136	Max	17.00	-1347.16	7	294.82	31	1273.51	9	870.21	19	936.36	5	7.22	3
36	36	136	Max	310.53	-888.52	7	294.82	31	191.34	31	870.21	19	1204.02	19	7.22	3
36	36	136	Min.	17.00	-2078.82	17	-815.48	9	-674.05	31	-466.05	5	-1350.30	19	-7.12	21
36	36	136	Min.	310.53	-1620.18	17	-815.48	9	-1120.17	9	-466.05	5	-431.64	5	-7.12	21
101	101	302	Max	12.50	0.00	5	0.00	1	0.00	1	845.23	21	899.96	3	-129.78	27
101	101	302	Max	106.31									266.22	13		
101	101	302	Max	416.50	0.00	5	0.00	1	0.00	1	213.98	21	809.52	21	-129.78	27
101	101	302	Min.	12.50	0.00	17	0.00	1	0.00	1	-174.33	3	-1330.10	21	-184.39	13
101	101	302	Min.	289.47									170.69	15		
101	101	302	Min.	416.50	0.00	17	0.00	1	0.00	1	-805.58	3	-1079.47	3	-184.39	13
101	302	403	Max	12.50	0.00	17	0.00	1	0.00	1	877.28	23	860.43	1	-1.60	27
101	302	403	Max	38.83									201.92	9		
101	302	403	Max	337.50	0.00	17	0.00	1	0.00	1	369.47	23	870.68	21	-1.60	27
101	302	403	Min.	12.50	0.00	5	0.00	1	0.00	1	-371.94	1	-1155.39	23	-23.31	13
101	302	403	Min.	82.29									119.27	29		
101	302	403	Min.	337.50	0.00	5	0.00	1	0.00	1	-879.76	1	-1173.68	3	-23.31	13
101	403	-8	Max	12.50	0.00	7	0.00	9	0.00	13	730.93	21	678.65	3	40.25	21
101	403	-8	Max	124.16									203.45	13		
101	403	-8	Max	220.50	0.00	7	0.00	9	0.00	13	405.93	21	130.95	15	40.25	21
101	403	-8	Min.	12.50	0.00	17	0.00	13	0.00	9	-100.94	3	-1051.83	21	31.50	3
101	403	-8	Min.	152.70									166.17	25		
101	403	-8	Min.	220.50	0.00	17	0.00	13	0.00	9	-425.94	3	130.26	9	31.50	3
101	-8	404	Max	0.00	0.00	7	0.00	13	0.00	13	405.93	21	130.95	13	40.25	21
101	-8	404	Max	83.58									184.77	27		
101	-8	404	Max	208.00	0.00	7	0.00	13	0.00	13	80.93	21	636.83	21	40.25	21
101	-8	404	Min.	0.00	0.00	17	0.00	9	0.00	9	-425.94	3	130.26	11	31.50	3
101	-8	404	Min.	55.00									154.57	15		
101	-8	404	Min.	208.00	0.00	17	0.00	9	0.00	9	-750.94	3	-1093.24	3	31.50	3
101	404	305	Max	12.50	0.00	1	0.00	9	0.00	13	891.82	21	851.23	3	-19.00	31
101	404	305	Max	319.77									219.09	27		
101	404	305	Max	337.50	0.00	1	0.00	9	0.00	9	384.01	21	878.36	21	-19.00	31
101	404	305	Min.	12.50	0.00	5	0.00	13	0.00	9	-358.58	3	-1194.87	21	-40.44	9
101	404	305	Min.	92.47									113.00	25		
101	404	305	Min.	337.50	0.00	5	0.00	13	0.00	13	-866.39	3	-1139.34	3	-40.44	9
101	305	106	Max	12.50	0.00	1	0.00	1	0.00	1	803.52	23	812.34	1	181.32	31
101	305	106	Max	320.62									263.06	31		
101	305	106	Max	416.50	0.00	1	0.00	1	0.00	1	172.27	23	896.28	23	181.32	31
101	305	106	Min.	12.50	0.00	5	0.00	1	0.00	1	-215.05	1	-1074.81	23	127.12	9
101	305	106	Min.	137.47									173.44	29		
101	305	106	Min.	416.50	0.00	5	0.00	1	0.00	1	-846.30	1	-1331.60	1	127.12	9
107	101	-120	Max	17.50	0.00	15	0.00	5	0.00	1	3687.58	13	-481.23	27	75.08	21
107	101	-120	Max	105.83	0.00	15	0.00	5	0.00	5	2736.45	13	1376.13	27	75.08	21
107	101	-120	Min.	17.50	0.00	25	0.00	1	0.00	5	2578.24	27	-3874.87	13	-10.70	3
107	101	-120	Min.	105.83	0.00	25	0.00	1	0.00	1	1627.11	27	-1037.59	13	-10.70	3
107	-120	-121	Max	0.00	0.00	29	0.00	5	0.00	1	2736.45	13	1376.13	27	75.08	21
107	-120	-121	Max	122.83	0.00	29	0.00	5	0.00	5	1413.84	13	2562.46	27	75.08	21
107	-120	-121	Min.	0.00	0.00	11	0.00	1	0.00	1	1627.11	27	-1037.59	13	-10.70	3
107	-120	-121	Min.	122.83	0.00	11	0.00	1	0.00	1	304.50	27	1511.38	13	-10.70	3
107	-121	-122	Max	0.00	0.00	11	0.00	1	0.00	5	1413.84	13	2562.46	27	75.08	21
107	-121	-122	Max	28.28									2605.52	27		
107	-121	-122	Max	105.83	0.00	11	0.00	1	0.00	5	274.28	13	2405.19	15	75.08	21
107	-121	-122	Min.	0.00	0.00	29	0.00	5	0.00	1	304.50	27	1511.39	13	-10.70	3
107	-121	-122	Min.	95.02									2363.35	19		
107	-121	-122	Min.	105.83	0.00	29	0.00	5	0.00	1	-835.06	27	2281.20	25	-10.70	3
107	-122	-123	Max	0.00	0.00	11	0.00	5	0.00	1	274.28	13	2405.19	15	75.08	21
107	-122	-123	Max	25.47									2439.61	13		
107	-122	-123	Max	105.83	0.00	11	0.00	5	0.00	5	-865.28	13	2091.94	13	75.08	21
107	-122	-123	Min.	0.00	0.00	29	0.00	1	0.00	5	-835.06	27	2281.20	25	-10.70	3
107	-122	-123	Min.	17.00									2414.90	31		
107	-122	-123	Min.	105.83	0.00	29	0.00	1	0.00	1	-1974.62	27	794.92	27	-10.70	3
107	-123	-124	Max	0.00	0.00	9	0.00	1	0.00	5	-865.28	13	2091.94	13	75.08	21
107	-123	-124	Max	105.83	0.00	9	0.00	1	0.00	5	-2004.84	13	573.18	13	75.08	21
107	-123	-124	Min.	0.00	0.00	31	0.00	1	0.00	1	-1974.61	27	794.93	27	-10.70	3
107	-123	-124	Min.	105.83	0.00	31	0.00	1	0.00	1	-3114.17	27	-1897.89	27	-10.70	3
107	-124	107	Max	0.00	0.00	9	0.00	5	0.00	1	-2004.84	13	573.16	13	75.08	21
107	-124	107	Max	71.33	0.00	9	0.00	5	0.00	5	-2772.93	13	-1130.91	13	75.08	21
107	-124	107	Min.	0.00	0.00	31	0.00	1	0.00	5	-3114.18	27	-1897.91	27	-10.70	3
107	-124	107	Min.	71.33	0.00	31	0.00	1	0.00	1	-3882.26	27	-4393.31	27	-10.70	3
110	302	-115	Max	17.50	0.00	25	0.00	5	0.00	1	6351.27	13	-3275.47	27	74.78	23
110	302	-115	Max	105.83	0.00	25	0.00	5	0.00	5	4781.81	13	855.20	27	74.78	23
110	302	-115	Min.	17.50	0.00	15	0.00	1	0.00	5	5460.96	27	-5937.54	13	-46.93	1
110	302	-115	Min.	105.83	0.00	15	0.00	1	0.00	1	3891.50	27	-1020.43	13	-46.93	1
110	-115	-116	Max	0.00	0.00	15	0.00	5	0.00	1	4781.81	13	855.20	27	74.78	23
110	-115	-116	Max	122.83	0.00	15	0.00	5	0.00	5	2599.36	13	4294.87	27	74.78	23
110	-115	-116	Min.	0.00	0.00	25	0.00	1	0.00	5	3891.50	27	-1020.43	13	-46.93	1
110	-115	-116	Min.	122.83	0.00	25	0.00	1	0.00	1	1709.06	27	3512.84	13	-46.93	1
110	-116	-117	Max	0.00	0.00	9	0.00	17	0.00	5	2599.36	13	4294.88	27	74.78	23
110	-116	-117	Max	96.19									5116.85	27		
110	-116	-117	Max	105.83	0.00	9	0.00	17	0.00	21	718.97	13	5268.79	13	74.78	23
110	-116	-117	Min.	0.00	0.00	31	0.00	5	0.00	1	1709.05	27	3512.85	13	-46.93	1
110	-116	-117	Min.	98.41									5113.50	9		
110	-116	-117	Min.	105.83	0.00	31	0.00	5	0.00	1	-171.34	27	5108.58	27	-46.93	1
110	-117	-118	Max	0.00	0.00	9	0.00	5	0.00	1	18.97	13	5268.79	13	74.78	23
110	-117	-118	Max	1.07									5268.89	13		
110	-117	-118	Max	105.83	0.00	9	0.00	5	0.00	5	-1861.42	13	4293.83	13	74.78	23
110	-117	-118	Min.	0.00	0.00	31	0.00	1	0.00	5	-871.34	27	5108.58	27	-46.93	1
110	-117	-118	Min.	0.53									5268.80	15		
110	-117	-118	Min.	105.83	0.00	31	0.00	1	0.00	1	-2751.73	27	3191.38	27	-46.93	1
110	-118	-119	Max	0.00	0.00	15	0.00	1	0.00	5	-2561.42	13	4293.83	13	74.78	23
110	-118	-119	Max	105.83	0.00	15	0.00	1	0.00	5	-4441.81	13	587.96	13	74.78	23

110	-118	-119	Min.	0.00	0.00	25	0.00	17	0.00	1	-3451.73	27	3191.39	27	-46.93	1
110	-118	-119	Min.	105.83	0.00	25	0.00	17	0.00	17	-5332.12	27	-1456.73	27	-46.93	1
110	-119	-155	Max	0.00	0.00	9	0.00	21	0.00	1	-5141.82	13	587.93	13	74.78	23
110	-119	-155	Max	71.33	0.00	9	0.00	21	0.00	21	-6409.24	13	-3531.95	13	74.78	23
110	-119	-155	Min.	0.00	0.00	31	0.00	1	0.00	5	-6032.13	27	-1456.77	27	-46.93	1
110	-119	-155	Min.	71.33	0.00	31	0.00	1	0.00	1	-7299.55	27	-6211.73	27	-46.93	1
112	403	-95	Max	17.50	0.00	29	0.00	5	0.00	17	6391.63	13	-3281.00	27	54.27	21
112	403	-95	Max	105.83	0.00	29	0.00	5	0.00	21	4800.97	13	875.93	27	54.27	21
112	403	-95	Min.	17.50	0.00	11	0.00	1	0.00	5	5501.29	27	-5843.27	13	-71.00	3
112	403	-95	Min.	105.83	0.00	11	0.00	1	0.00	1	3910.63	27	-899.87	13	-71.00	3
112	-95	-96	Max	0.00	0.00	27	0.00	5	0.00	1	4800.97	13	875.93	27	54.27	21
112	-95	-96	Max	122.83	0.00	27	0.00	5	0.00	5	2589.05	13	4321.00	27	54.27	21
112	-95	-96	Min.	0.00	0.00	13	0.00	17	0.00	5	3910.63	27	-899.88	13	-71.00	3
112	-95	-96	Min.	122.83	0.00	13	0.00	17	0.00	17	1698.71	27	3638.83	13	-71.00	3
112	-96	-97	Max	0.00	0.00	15	0.00	17	0.00	5	2589.04	13	4321.01	27	54.27	21
112	-96	-97	Max	94.33									5122.22	27		
112	-96	-97	Max	105.83	0.00	15	0.00	17	0.00	21	683.25	13	5370.84	29	54.27	21
112	-96	-97	Min.	0.00	0.00	25	0.00	5	0.00	1	1698.70	27	3638.84	13	-71.00	3
112	-96	-97	Min.	95.04									5120.58	9		
112	-96	-97	Min.	105.83	0.00	25	0.00	5	0.00	1	-207.09	27	5109.90	11	-71.00	3
112	-97	-98	Max	0.00	0.00	15	0.00	5	0.00	1	-16.75	13	5370.83	29	54.27	21
112	-97	-98	Max	105.83	0.00	15	0.00	5	0.00	5	-1922.54	13	4344.22	13	54.27	21
112	-97	-98	Min.	0.00	0.00	25	0.00	1	0.00	5	-907.09	27	5109.90	11	-71.00	3
112	-97	-98	Min.	105.83	0.00	25	0.00	1	0.00	1	-2812.88	27	3141.83	27	-71.00	3
112	-98	-99	Max	0.00	0.00	25	0.00	1	0.00	21	-2622.53	13	4344.22	13	54.27	21
112	-98	-99	Max	105.83	0.00	25	0.00	1	0.00	5	-4528.33	13	560.23	13	54.27	21
112	-98	-99	Min.	0.00	0.00	15	0.00	17	0.00	1	-3512.88	27	3141.84	27	-71.00	3
112	-98	-99	Min.	105.83	0.00	15	0.00	17	0.00	17	-5418.67	27	-1584.43	27	-71.00	3
112	-99	-15	Max	0.00	0.00	9	0.00	21	0.00	1	-5228.34	13	560.20	13	54.27	21
112	-99	-15	Max	71.33	0.00	9	0.00	21	0.00	21	-6512.88	13	-3627.51	13	54.27	21
112	-99	-15	Min.	0.00	0.00	31	0.00	1	0.00	21	-6118.68	27	-1584.47	27	-71.00	3
112	-99	-15	Min.	71.33	0.00	31	0.00	1	0.00	1	-7403.22	27	-6407.29	27	-71.00	3
114	404	-100	Max	17.50	0.00	15	0.00	5	0.00	17	5829.45	31	-2526.00	9	77.07	23
114	404	-100	Max	105.83	0.00	15	0.00	5	0.00	21	4238.79	31	1134.86	9	77.07	23
114	404	-100	Min.	17.50	0.00	25	0.00	1	0.00	5	4939.69	9	-5086.38	31	-48.02	1
114	404	-100	Min.	105.83	0.00	25	0.00	1	0.00	1	3349.03	9	-639.58	31	-48.02	1
114	-100	-101	Max	0.00	0.00	9	0.00	5	0.00	1	4238.79	31	1134.86	9	77.07	23
114	-100	-101	Max	122.83	0.00	9	0.00	5	0.00	5	2026.87	31	3890.09	9	77.07	23
114	-100	-101	Min.	0.00	0.00	31	0.00	17	0.00	5	3349.03	9	-639.58	31	-48.02	1
114	-100	-101	Min.	122.83	0.00	31	0.00	17	0.00	17	1137.11	9	3208.58	31	-48.02	1
114	-101	-102	Max	0.00	0.00	31	0.00	17	0.00	5	2026.86	31	3890.10	9	77.07	23
114	-101	-102	Max	94.61									4265.40	3		
114	-101	-102	Max	105.83	0.00	31	0.00	17	0.00	21	121.07	31	4345.61	15	77.07	23
114	-101	-102	Min.	0.00	0.00	9	0.00	5	0.00	1	1137.10	9	3208.59	31	-48.02	1
114	-101	-102	Min.	81.09									4231.31	21		
114	-101	-102	Min.	105.83	0.00	9	0.00	5	0.00	1	-768.69	9	4084.64	25	-48.02	1
114	-102	-103	Max	0.00	0.00	31	0.00	5	0.00	1	121.07	31	4345.61	15	77.07	23
114	-102	-103	Max	6.72									4349.27	31		
114	-102	-103	Max	105.83	0.00	31	0.00	5	0.00	5	-1784.72	31	3464.86	31	77.07	23
114	-102	-103	Min.	0.00	0.00	9	0.00	1	0.00	5	-768.68	9	4084.64	25	-48.02	1
114	-102	-103	Min.	6.02									4348.68	13		
114	-102	-103	Min.	105.83	0.00	9	0.00	1	0.00	1	-2674.48	9	2263.05	9	-48.02	1
114	-103	-104	Max	0.00	0.00	25	0.00	1	0.00	21	-1784.71	31	3464.86	31	77.07	23
114	-103	-104	Max	105.83	0.00	25	0.00	1	0.00	5	-3690.51	31	567.56	31	77.07	23
114	-103	-104	Min.	0.00	0.00	15	0.00	17	0.00	1	-2674.47	9	2263.06	9	-48.02	1
114	-103	-104	Min.	105.83	0.00	15	0.00	17	0.00	17	-4580.26	9	-1575.91	9	-48.02	1
114	-104	-16	Max	0.00	0.00	13	0.00	21	0.00	1	-3690.52	31	567.53	31	77.07	23
114	-104	-16	Max	71.33	0.00	13	0.00	21	0.00	21	-4975.05	31	-2523.19	31	77.07	23
114	-104	-16	Min.	0.00	0.00	27	0.00	1	0.00	21	-4580.28	9	-1575.94	9	-48.02	1
114	-104	-16	Min.	71.33	0.00	27	0.00	1	0.00	1	-5864.81	9	-5301.36	9	-48.02	1
116	305	-105	Max	17.50	0.00	13	0.00	5	0.00	1	6345.98	31	-3285.00	9	47.13	21
116	305	-105	Max	105.83	0.00	13	0.00	5	0.00	5	4776.52	31	842.59	9	47.13	21
116	305	-105	Min.	17.50	0.00	27	0.00	1	0.00	5	5457.48	9	-5941.46	31	-74.76	3
116	305	-105	Min.	105.83	0.00	27	0.00	1	0.00	1	3888.02	9	-1029.03	31	-74.76	3
116	-105	-106	Max	0.00	0.00	5	0.00	5	0.00	1	4776.52	31	842.59	9	47.13	21
116	-105	-106	Max	122.83	0.00	5	0.00	5	0.00	5	2594.08	31	4277.99	9	47.13	21
116	-105	-106	Min.	0.00	0.00	17	0.00	1	0.00	5	3888.02	9	-1029.03	31	-74.76	3
116	-105	-106	Min.	122.83	0.00	17	0.00	1	0.00	1	1705.58	9	3497.75	31	-74.76	3
116	-106	-107	Max	0.00	0.00	29	0.00	17	0.00	5	2594.07	31	4278.00	9	47.13	21
116	-106	-107	Max	95.99									5096.62	9		
116	-106	-107	Max	105.83	0.00	29	0.00	17	0.00	21	713.68	31	5248.11	31	47.13	21
116	-106	-107	Min.	0.00	0.00	11	0.00	5	0.00	1	1705.57	9	3497.76	31	-74.76	3
116	-106	-107	Min.	98.21									5093.19	27		
116	-106	-107	Min.	105.83	0.00	11	0.00	5	0.00	1	-174.82	9	5088.02	9	-74.76	3
116	-107	-108	Max	0.00	0.00	29	0.00	5	0.00	1	13.68	31	5248.10	31	47.13	21
116	-107	-108	Max	0.79									5248.16	31		
116	-107	-108	Max	105.83	0.00	29	0.00	5	0.00	5	-1866.71	31	4267.54	31	47.13	21
116	-107	-108	Min.	0.00	0.00	11	0.00	1	0.00	5	-874.82	9	5088.02	9	-74.76	3
116	-107	-108	Min.	0.26									5248.10	29		
116	-107	-108	Min.	105.83	0.00	11	0.00	1	0.00	1	-2755.21	9	3167.13	9	-74.76	3
116	-108	-109	Max	0.00	0.00	31	0.00	1	0.00	5	-2566.70	31	4267.55	31	47.13	21
116	-108	-109	Max	105.83	0.00	31	0.00	1	0.00	5	-4447.10	31	556.08	31	47.13	21
116	-108	-109	Min.	0.00	0.00	9	0.00	17	0.00	1	-3455.21	9	3167.14	9	-74.76	3
116	-108	-109	Min.	105.83	0.00	9	0.00	17	0.00	17	-5335.60	9	-1484.66	9	-74.76	3
116	-109	-7	Max	0.00	0.00	11	0.00	21	0.00	1	-5147.11	31	556.05	31	47.13	21
116	-109	-7	Max	71.33	0.00	11	0.00	21	0.00	21	-6414.53	31	-3567.60	31	47.13	21
116	-109	-7	Min.	0.00	0.00	29	0.00	1	0.00	5	-6035.61	9	-1484.70	9	-74.76	3
116	-109	-7	Min.	71.33	0.00	29	0.00	1	0.00	1	-7303.03	9	-6242.15	9	-74.76	3
119	106	-110	Max	17.50	0.00	31	0.00	5	0.00							

119	106	-110	Min.	17.50	0.00	9	0.00	1	0.00	5	2579.61	9	-3867.74	31	-75.49	1
119	106	-110	Min.	105.83	0.00	9	0.00	1	0.00	1	1628.48	9	-1032.74	31	-75.49	1
119	-110	-111	Max	0.00	0.00	13	0.00	5	0.00	1	2733.87	31	1372.30	9	10.06	23
119	-110	-111	Max	122.83	0.00	13	0.00	5	0.00	5	1411.26	31	2560.32	9	10.06	23
119	-110	-111	Min.	0.00	0.00	27	0.00	1	0.00	1	1628.48	9	-1032.74	31	-75.49	1
119	-110	-111	Min.	122.83	0.00	27	0.00	1	0.00	1	305.88	9	1513.06	31	-75.49	1
119	-111	-112	Max	0.00	0.00	9	0.00	1	0.00	5	1411.26	31	2560.32	9	10.06	23
119	-111	-112	Max	28.41									2603.77	9		
119	-111	-112	Max	105.83	0.00	9	0.00	1	0.00	5	271.70	31	2404.14	29	10.06	23
119	-111	-112	Min.	0.00	0.00	31	0.00	5	0.00	1	305.87	9	1513.06	31	-75.49	1
119	-111	-112	Min.	94.91									2362.56	7		
119	-111	-112	Min.	105.83	0.00	31	0.00	5	0.00	1	-833.69	9	2280.51	11	-75.49	1
119	-112	-113	Max	0.00	0.00	9	0.00	5	0.00	1	271.70	31	2404.13	29	10.06	23
119	-112	-113	Max	25.23									2437.91	31		
119	-112	-113	Max	105.83	0.00	9	0.00	5	0.00	5	-867.86	31	2088.16	31	10.06	23
119	-112	-113	Min.	0.00	0.00	31	0.00	1	0.00	5	-833.68	9	2280.51	11	-75.49	1
119	-112	-113	Min.	16.76									2413.41	13		
119	-112	-113	Min.	105.83	0.00	31	0.00	1	0.00	1	-1973.25	9	795.69	9	-75.49	1
119	-113	-114	Max	0.00	0.00	27	0.00	1	0.00	5	-867.86	31	2088.16	31	10.06	23
119	-113	-114	Max	105.83	0.00	27	0.00	1	0.00	5	-2007.42	31	566.66	31	10.06	23
119	-113	-114	Min.	0.00	0.00	13	0.00	1	0.00	1	-1973.24	9	795.69	9	-75.49	1
119	-113	-114	Min.	105.83	0.00	13	0.00	1	0.00	1	-3112.80	9	-1895.67	9	-75.49	1
119	-114	112	Max	0.00	0.00	29	0.00	5	0.00	1	-2007.42	31	566.65	31	10.06	23
119	-114	112	Max	71.33	0.00	29	0.00	5	0.00	5	-2775.50	31	-1139.26	31	10.06	23
119	-114	112	Min.	0.00	0.00	11	0.00	1	0.00	5	-3112.81	9	-1895.69	9	-75.49	1
119	-114	112	Min.	71.33	0.00	11	0.00	1	0.00	1	-3880.89	9	-4390.11	9	-75.49	1
207	107	113	Max	17.50	0.00	13	0.00	1	0.00	1	965.95	13	47.93	27	38.26	23
207	107	113	Max	371.05									179.24	3		
207	107	113	Max	397.50	0.00	13	0.00	1	0.00	1	192.68	13	604.95	13	38.26	23
207	107	113	Min.	17.50	0.00	11	0.00	1	0.00	1	158.13	27	-1596.44	13	-9.80	1
207	107	113	Min.	216.35									-53.67	21		
207	107	113	Min.	397.50	0.00	11	0.00	1	0.00	1	-615.14	27	-820.39	27	-9.80	1
207	113	119	Max	12.50	0.00	21	0.00	1	0.00	1	661.49	13	511.61	27	16.79	21
207	113	119	Max	24.81									441.80	11		
207	113	119	Max	397.50	0.00	21	0.00	1	0.00	1	-121.95	13	291.53	13	16.79	21
207	113	119	Min.	12.50	0.00	1	0.00	1	0.00	1	-13.25	27	-747.09	13	5.56	3
207	113	119	Min.	199.36									132.73	23		
207	113	119	Min.	397.50	0.00	1	0.00	1	0.00	1	-796.69	27	-1047.54	27	5.56	3
207	119	125	Max	12.50	0.00	1	0.00	1	0.00	1	740.93	13	34.09	27	9.19	17
207	119	125	Max	195.85									376.13	27		
207	119	125	Max	577.50	0.00	1	0.00	1	0.00	1	-408.79	13	-49.52	13	9.19	17
207	119	125	Min.	12.50	0.00	17	0.00	1	0.00	1	373.10	27	-987.80	13	-0.85	7
207	119	125	Min.	301.05									285.56	23		
207	119	125	Min.	577.50	0.00	17	0.00	1	0.00	1	-776.62	27	-1105.87	27	-0.85	7
207	125	231	Max	12.50	0.00	1	0.00	1	0.00	1	836.92	13	11.91	27	-4.78	19
207	125	231	Max	423.78									540.94	13		
207	125	231	Max	577.50	0.00	1	0.00	1	0.00	1	-312.80	13	300.53	13	-4.78	19
207	125	231	Min.	12.50	0.00	21	0.00	1	0.00	1	385.72	27	-1180.11	13	-36.29	5
207	125	231	Min.	278.85									320.10	17		
207	125	231	Min.	577.50	0.00	1	0.00	1	0.00	1	-764.00	27	-1056.75	27	-36.29	5
219	112	118	Max	17.50	0.00	9	0.00	1	0.00	1	961.76	31	48.33	9	9.55	21
219	112	118	Max	371.16									178.01	23		
219	112	118	Max	397.50	-0.00	9	0.00	1	0.00	1	192.22	31	602.12	31	9.55	21
219	112	118	Min.	17.50	0.00	13	0.00	1	0.00	1	156.70	9	-1590.44	31	-38.60	3
219	112	118	Min.	216.13									-54.14	1		
219	112	118	Min.	397.50	-0.00	13	0.00	1	0.00	1	-612.85	9	-818.37	9	-38.60	3
219	118	124	Max	12.50	0.00	21	0.00	1	0.00	1	658.13	31	511.35	9	-5.72	23
219	118	124	Max	24.35									441.42	25		
219	118	124	Max	397.50	0.00	21	0.00	1	0.00	1	-121.54	31	289.89	31	-5.72	23
219	118	124	Min.	12.50	0.00	1	0.00	1	0.00	1	-14.30	9	-743.05	31	-16.87	1
219	118	124	Min.	199.00									132.21	3		
219	118	124	Min.	397.50	0.00	1	0.00	1	0.00	1	-793.98	9	-1044.59	9	-16.87	1
219	124	130	Max	12.50	0.00	29	0.00	1	0.00	1	737.37	31	35.35	9	0.72	19
219	124	130	Max	195.59									374.78	9		
219	124	130	Max	577.50	0.00	29	0.00	1	0.00	1	-406.83	31	-49.29	31	0.72	19
219	124	130	Min.	12.50	0.00	9	0.00	1	0.00	1	370.78	9	-983.07	31	-9.23	5
219	124	130	Min.	300.90									284.13	3		
219	124	130	Min.	577.50	0.00	9	0.00	1	0.00	1	-773.42	9	-1102.09	9	-9.23	5
219	130	136	Max	12.50	0.00	27	0.00	1	0.00	1	832.82	31	13.60	9	36.41	17
219	130	136	Max	423.74									538.29	31		
219	130	136	Max	577.50	0.00	27	0.00	1	0.00	1	-311.38	31	298.91	31	36.41	17
219	130	136	Min.	12.50	0.00	13	0.00	1	0.00	1	383.23	9	-1174.18	31	4.77	7
219	130	136	Min.	278.63									318.62	5		
219	130	136	Min.	577.50	0.00	13	0.00	1	0.00	1	-760.97	9	-1053.50	9	4.77	7
302	107	-133	Max	12.47	1315.02	3	51.14	31	-17.30	9	873.05	21	401.17	3	208.34	27
302	107	-133	Max	145.35	1329.53	3	51.14	31	-39.81	13	665.92	21	552.49	3	208.34	27
302	107	-133	Min.	12.47	-5166.68	21	-50.72	9	-108.61	31	217.44	3	-1158.82	21	181.74	13
302	107	-133	Min.	145.35	-5152.17	21	-50.72	9	-85.54	27	10.31	3	-136.29	21	181.74	13
302	-133	-134	Max	0.00	1347.27	3	72.68	29	-45.23	13	452.28	21	552.37	3	208.12	27
302	-133	-134	Max	8.55					-39.14	13			324.07	13		
302	-133	-134	Max	142.35	1362.81	3	72.68	29	57.58	29	230.40	21	349.44	21	208.12	27
302	-133	-134	Min.	0.00	-5135.06	21	54.76	11	-88.61	27	-203.28	3	-136.45	21	181.36	13
302	-133	-134	Min.	130.49					47.32	15			256.31	15		
302	-133	-134	Min.	142.35	-5119.52	21	54.76	11	-10.01	11	-425.16	3	105.08	3	181.36	13
302	-134	308	Max	0.00	1380.66	3	83.05	9	53.35	29	18.80	21	348.94	21	207.72	27
302	-134	308	Max	12.06					12.64	21			350.08	21		
302	-134	308	Max	129.88	1394.84	3	83.05	9	92.35	9	-183.63	21	241.90	21	207.72	27
302	-134	308	Min.	0.00	-5101.90	21	-64.33	31	-15.70	11	-636.74	3	104.69	3	181.06	13
302	-134	308	Min.	0.77					7.96	5			342.70	5		
302	-134	308	Min.	129.88	-5087.72	21	-64.33	31	-30.40	31	-839.18	3	-853.76	3	181.06	13

302	308	-148	Max	12.47	654.53	3	62.30	29	40.18	11	558.91	23	143.14	1	11.29	31
302	308	-148	Max	126.12					-0.17	1			243.81	1		
302	308	-148	Max	175.93	672.37	3	62.30	29	38.56	29	304.12	23	224.48	1	11.29	31
302	308	-148	Min.	12.47	-2777.93	21	-39.10	11	-63.28	29	177.15	1	-555.99	23	-28.67	9
302	308	-148	Min.	132.80					4.82	19			236.23	19		
302	308	-148	Min.	175.93	-2760.08	21	-39.10	11	-23.73	11	-77.63	1	149.37	23	-28.67	9
302	-148	409	Max	0.00	693.13	3	65.96	9	34.45	31	48.49	23	224.46	1	11.02	31
302	-148	409	Max	29.85					6.70	21			157.44	21		
302	-148	409	Max	162.46	710.86	3	65.96	9	81.63	25	-204.73	23	22.47	23	11.02	31
302	-148	409	Min.	0.00	-2740.54	21	-9.87	31	-26.24	9	-333.21	1	149.38	23	-28.87	9
302	-148	409	Min.	25.69					16.54	7			156.16	7		
302	-148	409	Min.	162.46	-2722.81	21	-9.87	31	17.72	15	-586.43	1	-522.57	1	-28.87	9
302	409	-9	Max	12.47	-1266.32	13	-92.81	29	307.79	11	573.41	23	-165.13	1	-44.11	31
302	409	-9	Max	221.04	-1243.55	13	-92.81	29	-86.74	29	248.32	23	341.83	29	-44.11	31
302	409	-9	Min.	12.47	-1411.62	27	-295.39	11	106.84	29	403.49	1	-522.25	23	-62.71	9
302	409	-9	Min.	221.04	-1388.85	27	-295.39	11	-308.30	11	78.39	1	330.26	11	-62.71	9
302	-9	410	Max	0.00	-1274.77	31	209.38	25	-39.03	15	-181.45	21	355.79	15	-19.71	27
302	-9	410	Max	208.57	-1297.54	31	209.38	25	176.08	25	-506.54	21	-366.12	21	-19.71	27
302	-9	410	Min.	0.00	-1420.03	9	6.71	15	-260.63	25	-351.45	3	344.22	25	-38.46	13
302	-9	410	Min.	208.57	-1442.80	9	6.71	15	-25.04	15	-676.54	3	-723.39	3	-38.46	13
302	410	-150	Max	12.47	972.36	23	42.41	13	23.12	11	647.67	21	-74.09	3	77.09	27
302	410	-150	Max	174.93	954.63	23	42.41	13	28.81	13	394.45	21	227.14	21	77.09	27
302	410	-150	Min.	12.47	-2459.69	1	-33.51	27	-40.80	29	265.81	3	-619.35	21	36.93	13
302	410	-150	Min.	174.93	-2477.43	1	-33.51	27	-32.03	27	12.58	3	152.04	3	36.93	13
302	-150	311	Max	0.00	935.16	23	89.51	25	30.32	15	138.77	21	227.04	21	77.07	27
302	-150	311	Max	89.03					37.57	21			288.81	21		
302	-150	311	Max	163.46	917.32	23	89.51	25	114.19	25	-116.01	21	245.64	21	77.07	27
302	-150	311	Min.	0.00	-2495.68	1	-12.19	15	-32.12	25	-243.14	3	151.90	3	36.85	13
302	-150	311	Min.	2.72					29.09	31			199.30	31		
302	-150	311	Min.	163.46	-2513.53	1	-12.19	15	10.39	15	-497.92	3	-453.77	3	36.85	13
302	311	-153	Max	12.47	1341.20	23	65.98	13	90.43	27	834.47	23	247.78	1	-176.94	31
302	311	-153	Max	127.46					16.06	1			350.84	1		
302	311	-153	Max	145.35	1326.70	23	65.98	13	56.86	15	627.34	23	348.34	1	-176.94	31
302	311	-153	Min.	12.47	-5138.32	1	-78.48	27	-31.01	13	179.24	1	-847.35	23	-203.24	9
302	311	-153	Min.	141.39					30.29	19			340.47	19		
302	311	-153	Min.	145.35	-5152.82	1	-78.48	27	-14.05	25	-27.89	1	123.92	23	-203.24	9
302	-153	-154	Max	0.00	1308.75	23	-54.81	25	61.03	15	413.76	23	348.83	1	-177.23	31
302	-153	-154	Max	126.24					-34.36	31			321.58	31		
302	-153	-154	Max	142.35	1293.21	23	-54.81	25	-46.36	31	191.88	23	555.35	23	-177.23	31
302	-153	-154	Min.	0.00	-5170.53	1	-75.93	15	-8.48	25	-241.48	1	124.29	23	-203.63	9
302	-153	-154	Min.	4.30					56.02	29			262.46	29		
302	-153	-154	Min.	142.35	-5186.07	1	-75.93	15	-87.20	9	-463.36	1	-152.83	1	-203.63	9
302	-154	112	Max	0.00	1275.62	23	50.00	27	-40.95	31	-19.72	23	555.47	23	-177.61	31
302	-154	112	Max	129.88	1261.44	23	50.00	27	-18.36	27	-222.16	23	398.40	23	-177.61	31
302	-154	112	Min.	0.00	-5203.03	1	-52.31	13	-84.18	9	-675.00	1	-152.68	1	-203.85	9
302	-154	112	Min.	129.88	-5217.21	1	-52.31	13	-109.78	13	-877.44	1	-1160.83	1	-203.85	9
303	113	-131	Max	12.47	-779.18	17	196.75	13	-87.83	11	934.28	23	322.22	1	13.88	31
303	113	-131	Max	145.35	-764.68	17	196.75	13	-9.23	13	727.15	23	720.38	1	13.88	31
303	113	-131	Min.	12.47	-1545.20	7	4.70	27	-271.36	29	403.19	1	-954.31	23	-4.86	9
303	113	-131	Min.	145.35	-1530.69	7	4.70	27	-82.27	27	196.06	1	149.58	23	-4.86	9
303	-131	-132	Max	0.00	-823.88	17	58.77	31	-25.86	13	305.97	23	720.63	1	12.72	31
303	-131	-132	Max	78.42					18.98	15			394.53	15		
303	-131	-132	Max	142.35	-808.34	17	58.77	31	56.09	31	84.10	23	427.55	7	12.72	31
303	-131	-132	Min.	0.00	-1409.30	7	51.83	9	-92.03	27	-237.77	1	149.79	23	-5.55	9
303	-131	-132	Min.	68.86					-55.27	27			390.84	27		
303	-131	-132	Min.	142.35	-1393.76	7	51.83	9	-16.53	9	-459.64	1	224.12	17	-5.55	9
303	-132	314	Max	0.00	-869.48	17	178.09	25	41.68	31	-332.94	23	427.95	7	11.71	31
303	-132	314	Max	129.88	-855.30	17	178.09	25	198.06	25	-535.38	23	-136.05	23	11.71	31
303	-132	314	Min.	0.00	-1270.57	7	28.99	15	-33.50	9	-889.59	1	224.52	17	-6.74	9
303	-132	314	Min.	129.88	-1256.40	7	28.99	15	79.08	15	-1092.03	1	-1062.19	1	-6.74	9
303	314	-147	Max	12.47	-755.75	17	148.22	29	-44.79	11	724.10	21	-88.04	3	7.46	27
303	314	-147	Max	175.93	-737.91	17	148.22	29	60.16	13	469.31	21	177.23	7	7.46	27
303	314	-147	Min.	12.47	-1380.10	7	18.64	11	-182.25	29	286.85	3	-798.63	21	-8.12	13
303	314	-147	Min.	175.93	-1362.25	7	18.64	11	-14.44	27	32.07	3	172.14	17	-8.12	13
303	-147	415	Max	0.00	-819.98	17	115.48	25	43.57	13	-33.75	21	177.21	7	6.69	27
303	-147	415	Max	162.46	-802.24	17	115.48	25	162.46	25	-286.96	21	-83.79	21	6.69	27
303	-147	415	Min.	0.00	-1205.29	7	31.06	15	-25.43	27	-487.70	3	172.16	17	-9.28	13
303	-147	415	Min.	162.46	-1187.56	7	31.06	15	93.74	15	-740.92	3	-825.35	3	-9.28	13
303	415	-10	Max	12.47	-936.47	1	158.88	29	120.42	11	961.34	23	-318.04	1	-9.22	27
303	415	-10	Max	221.04	-913.70	1	158.88	29	227.85	29	636.24	23	739.68	31	-9.22	27
303	415	-10	Min.	12.47	-1304.91	23	-94.62	11	-103.53	29	655.16	1	-938.64	23	-135.49	13
303	415	-10	Min.	221.04	-1282.14	23	-94.62	11	-76.94	11	330.06	1	697.12	9	-135.49	13
303	-10	416	Max	0.00	-907.40	21	0.64	25	309.21	15	-323.89	21	726.61	13	131.50	31
303	-10	416	Max	208.57	-930.17	21	0.64	25	5.66	25	-648.98	21	-318.24	21	131.50	31
303	-10	416	Min.	0.00	-1275.96	3	-253.01	15	4.32	25	-630.08	3	684.03	27	5.42	9
303	-10	416	Min.	208.57	-1298.72	3	-253.01	15	-218.50	15	-955.17	3	-938.86	3	5.42	9
303	416	-149	Max	12.47	-798.64	5	19.50	29	81.05	11	739.93	23	-81.40	1	11.43	31
303	416	-149	Max	174.93	-816.38	5	19.50	29	44.40	31	486.71	23	178.01	19	11.43	31
303	416	-149	Min.	12.47	-1184.05	19	-64.88	11	12.43	29	285.99	1	-822.93	23	-4.33	9
303	416	-149	Min.	174.93	-1201.79	19	-64.88	11	-24.62	9	32.77	1	172.97	5	-4.33	9
303	-149	317	Max	0.00	-734.34	5	17.33	25	55.69	31	-33.06	23	178.15	19	10.64	31
303	-149	317	Max	163.46	-752.18	5	17.33	25	9.51	25	-287.85	23	-88.73	23	10.64	31
303	-149	317	Min.	0.00	-1358.78	19	-112.27	15	-18.95	9	-470.29	1	173.07	5	-4.73	9
303	-149	317	Min.	163.46	-1376.62	19	-112.27	15	-127.95	15	-725.07	1	-799.29	1	-4.73	9
303	317	-151	Max	12.47	-846.06	5	-35.76	29	210.14	11	1085.82	21	-133.63	3	7.29	27
303	317	-151	Max	145.35	-860.56	5	-35.76	29	44.65	13	878.70	21	432.30	19	7.29	27
303	317															

303	-151	-152	Max	142.35	-814.39	5	-51.43	27	-27.92	31	222.82	21	720.23	21	6.13	27
303	-151	-152	Min.	0.00	-1387.89	19	-62.24	13	-16.04	27	-98.78	3	244.96	5	-12.29	13
303	-151	-152	Min.	64.04					-49.49	9			391.07	9		
303	-151	-152	Min.	142.35	-1403.43	19	-62.24	13	-90.99	9	-320.65	3	133.22	3	-12.29	13
303	-152	118	Max	0.00	-755.83	5	-7.01	9	-11.34	31	-206.94	21	719.99	21	5.45	27
303	-152	118	Max	129.88	-770.01	5	-7.01	9	-89.84	25	-409.38	21	319.75	21	5.45	27
303	-152	118	Min.	0.00	-1523.60	19	-202.20	31	-81.38	9	-737.90	3	133.02	3	-13.44	13
303	-152	118	Min.	129.88	-1537.78	19	-202.20	31	-274.60	15	-940.34	3	-956.82	3	-13.44	13
304	119	-129	Max	12.47	-1141.40	3	185.15	29	-79.93	9	1033.75	7	242.15	17	34.30	27
304	119	-129	Max	145.35	-1126.89	3	185.15	29	-15.79	13	826.62	7	786.80	17	34.30	27
304	119	-129	Min.	12.47	-2088.04	21	-7.84	11	-263.54	31	513.43	17	-1013.71	7	-32.79	13
304	119	-129	Min.	145.35	-2073.53	21	-7.84	11	-92.05	27	306.30	17	222.37	7	-32.79	13
304	-129	-130	Max	0.00	-1195.52	3	72.89	29	-33.60	13	302.64	7	786.77	17	33.57	27
304	-129	-130	Max	69.39					-58.16	27			465.17	27		
304	-129	-130	Max	142.35	-1179.98	3			68.64	29	80.76	7	495.23	7	33.57	27
304	-129	-130	Min.	0.00	-1933.21	21	62.53	11	-102.37	27	-232.28	17	222.34	7	-34.03	13
304	-129	-130	Min.	76.62					20.78	15			461.33	15		
304	-129	-130	Min.	142.35	-1917.67	21	62.53	11	-11.84	11	-454.16	17	298.20	17	-34.03	13
304	-130	320	Max	0.00	-1251.15	3	166.06	27	52.56	29	-438.20	7	495.24	7	32.35	27
304	-130	320	Max	129.88	-1236.97	3	166.06	27	186.56	27	-640.64	7	-205.35	7	32.35	27
304	-130	320	Min.	0.00	-1775.97	21	16.57	13	-29.13	11	-988.04	17	298.17	17	-35.15	13
304	-130	320	Min.	129.88	-1761.80	21	16.57	13	74.07	13	-1190.48	17	-1116.54	17	-35.15	13
304	320	-137	Max	12.47	-1229.45	3	158.77	31	-33.10	9	768.52	7	-153.60	17	8.55	27
304	320	-137	Max	175.93	-1211.60	3	158.77	31	67.40	15	513.74	7	195.23	7	8.55	27
304	320	-137	Min.	12.47	-1915.82	21	11.34	9	-192.78	31	334.50	17	-852.77	7	-6.66	13
304	320	-137	Min.	175.93	-1897.97	21	11.34	9	-15.22	25	79.72	17	184.95	17	-6.66	13
304	-137	421	Max	0.00	-1306.26	3	112.31	25	49.02	15	-110.31	7	195.23	7	7.76	27
304	-137	421	Max	162.46	-1288.52	3	112.31	25	155.96	25	-363.53	7	-189.66	7	7.76	27
304	-137	421	Min.	0.00	-1717.68	21	30.65	15	-26.49	25	-563.57	17	184.95	17	-7.94	13
304	-137	421	Min.	162.46	-1699.94	21	30.65	15	98.81	15	-816.79	17	-936.30	17	-7.94	13
304	421	-11	Max	12.47	-1546.93	19	174.51	31	118.44	9	1154.31	5	-475.53	19	12.28	27
304	421	-11	Max	221.04	-1524.16	19	174.51	31	247.11	31	829.21	5	976.88	11	12.28	27
304	421	-11	Min.	12.47	-1880.39	5	-101.80	9	-116.86	31	845.56	19	-1106.48	5	-95.24	13
304	421	-11	Min.	221.04	-1857.62	5	-101.80	9	-93.88	9	520.47	19	934.21	29	-95.24	13
304	-11	422	Max	0.00	-1515.05	7	21.80	27	311.82	13	-520.05	7	975.99	25	93.37	31
304	-11	422	Max	208.57	-1537.82	7	21.80	27	16.19	27	-845.14	7	-475.53	7	93.37	31
304	-11	422	Min.	0.00	-1848.67	17	-254.67	13	-29.28	27	-828.89	17	933.32	15	-14.05	9
304	-11	422	Min.	208.57	-1871.43	17	-254.67	13	-219.35	13	-1153.98	17	-1106.69	17	-14.05	9
304	422	-140	Max	12.47	-1274.09	23	9.99	29	85.24	11	816.38	5	-188.74	19	9.28	31
304	422	-140	Max	174.93	-1291.82	23	9.99	29	44.42	29	563.16	5	195.71	19	9.28	31
304	422	-140	Min.	12.47	-1685.47	1	-71.62	11	28.19	29	363.26	19	-935.13	5	-6.28	9
304	422	-140	Min.	174.93	-1703.20	1	-71.62	11	-31.12	11	110.04	19	185.45	5	-6.28	9
304	-140	323	Max	0.00	-1197.69	23	26.28	27	58.06	29	-80.09	5	195.71	19	8.33	31
304	-140	323	Max	163.46	-1215.53	23	26.28	27	19.02	27	-334.88	5	-153.71	5	8.33	31
304	-140	323	Min.	0.00	-1884.02	1	-121.16	13	-24.60	11	-513.97	19	185.45	5	-6.74	9
304	-140	323	Min.	163.46	-1901.87	1	-121.16	13	-140.65	13	-768.76	19	-852.67	19	-6.74	9
304	323	-145	Max	12.47	-1227.36	23	-20.82	31	197.05	9	1183.10	5	-203.48	17	35.19	31
304	323	-145	Max	145.35	-1241.87	23	-20.82	31	57.68	31	975.97	5	500.94	17	35.19	31
304	323	-145	Min.	12.47	-1754.04	1	-168.09	9	85.35	31	633.64	19	-1114.33	7	-31.98	9
304	323	-145	Min.	145.35	-1768.54	1	-168.09	9	-26.31	9	426.51	19	320.20	7	-31.98	9
304	-145	-146	Max	0.00	-1170.08	23	-63.65	25	73.53	15	437.15	5	500.94	17	34.09	31
304	-145	-146	Max	62.03					-49.44	9			465.43	9		
304	-145	-146	Max	142.35	-1185.62	23	-63.65	25	-36.04	31	215.27	5	784.61	5	34.09	31
304	-145	-146	Min.	0.00	-1911.55	1	-78.06	15	-9.35	25	-97.26	19	320.22	7	-33.18	9
304	-145	-146	Min.	55.21					30.36	29			462.62	29		
304	-145	-146	Min.	142.35	-1927.09	1	-78.06	15	-101.51	9	-319.13	19	204.54	19	-33.18	9
304	-146	124	Max	0.00	-1117.73	23	5.84	25	-18.27	31	-318.36	5	784.64	5	32.85	31
304	-146	124	Max	129.88	-1131.90	23	5.84	25	-82.01	27	-520.80	5	239.70	5	32.85	31
304	-146	124	Min.	0.00	-2066.02	1	-190.04	15	-91.33	9	-838.31	19	204.56	19	-33.89	9
304	-146	124	Min.	129.88	-2080.20	1	-190.04	15	-266.82	13	-1040.75	19	-1015.68	19	-33.89	9
305	125	-127	Max	12.47	-1288.07	1	184.16	31	-69.75	9	1146.13	7	209.26	17	41.37	27
305	125	-127	Max	145.35	-1273.56	1	184.16	31	-11.57	13	939.00	7	869.39	17	41.37	27
305	125	-127	Min.	12.47	-2597.51	23	-17.37	9	-258.77	31	600.33	17	-1121.76	7	-29.04	13
305	125	-127	Min.	145.35	-2583.00	23	-17.37	9	-95.32	27	393.20	17	263.66	7	-29.04	13
305	-127	-128	Max	0.00	-1348.00	1	68.23	31	-27.49	13	312.49	7	869.13	17	40.71	27
305	-127	-128	Max	61.75					-65.20	27			526.56	27		
305	-127	-128	Max	142.35	-1332.46	1	68.23	31	67.10	29	90.62	7	550.55	5	40.71	27
305	-127	-128	Min.	0.00	-2420.17	23	62.25	9	-104.79	27	-249.92	17	263.48	7	-30.15	13
305	-127	-128	Min.	80.97					25.88	15			514.80	15		
305	-127	-128	Min.	142.35	-2404.63	23	62.25	9	-13.65	11	-471.79	17	355.30	19	-30.15	13
305	-128	326	Max	0.00	-1409.72	1	153.68	27	53.14	13	-529.97	7	550.81	5	39.57	27
305	-128	326	Max	129.88	-1395.55	1	153.68	27	169.87	27	-732.41	7	-269.10	7	39.57	27
305	-128	326	Min.	0.00	-2239.90	23	-3.94	13	-29.72	27	-1109.33	17	355.58	19	-31.12	13
305	-128	326	Min.	129.88	-2225.72	23	-3.94	13	48.02	13	-1311.77	17	-1216.52	17	-31.12	13
305	326	-136	Max	12.47	-1413.91	1	142.38	29	-13.69	11	823.33	5	-212.00	19	11.14	27
305	326	-136	Max	175.93	-1396.06	1	142.38	29	67.83	13	568.55	5	225.34	5	11.14	27
305	326	-136	Min.	12.47	-2296.12	23	1.92	11	-165.91	29	387.64	19	-912.25	5	-6.46	13
305	326	-136	Min.	175.93	-2278.27	23	1.92	11	-11.57	27	132.86	19	213.41	19	-6.46	13
305	-136	427	Max	0.00	-1499.55	1	93.30	25	52.58	15	-176.17	5	225.34	5	10.52	27
305	-136	427	Max	162.46	-1481.81	1	93.30	25	130.99	25	-429.39	5	-266.55	5	10.52	27
305	-136	427	Min.	0.00	-2070.15	23	11.10	15	-20.59	25	-633.70	19	213.26	19	-7.53	13
305	-136	427	Min.	162.46	-2052.42	23	11.10	15	70.61	15	-886.92	19	-1021.92	19	-7.53	13
305	427	-12	Max	12.47	-1815.59	17	136.85	31	120.98	9	1309.18	7	-609.29	17	31.42	27
305	427	-12	Max	221.04	-1792.82	17	136.85	31	206.50	31	984.08	7	1158.13	29	31.42	27
305	427	-12	Min.	12.47	-2200.47	7	-102.42	9</								

305	428	-139	Max	12.47	-1482.48	21	23.89	29	66.46	11	887.40	7	-266.25	17	8.88	31
305	428	-139	Max	174.93	-1500.22	21	23.89	29	45.00	29	634.18	7	225.76	17	8.88	31
305	428	-139	Min.	12.47	-2053.77	3	-58.26	11	6.19	29	429.46	17	-1022.31	7	-9.02	9
305	428	-139	Min.	174.93	-2071.50	3	-58.26	11	-28.19	11	176.24	17	213.66	7	-9.02	9
305	-139	329	Max	0.00	-1396.78	21	34.59	25	56.07	31	-132.37	7	225.75	17	8.10	31
305	-139	329	Max	163.46	-1414.62	21	34.59	25	34.19	25	-387.15	7	-210.80	7	8.10	31
305	-139	329	Min.	0.00	-2279.67	3	-105.84	15	-23.36	9	-568.48	17	213.81	7	-9.35	9
305	-139	329	Min.	163.46	-2297.51	3	-105.84	15	-117.95	15	-823.26	17	-911.72	17	-9.35	9
305	329	-143	Max	12.47	-1393.53	21	1.01	31	179.86	9	1303.37	7	-266.70	17	31.14	31
305	329	-143	Max	145.35	-1408.04	21	1.01	31	60.18	31	1096.24	7	557.87	17	31.14	31
305	329	-143	Min.	12.47	-2227.44	3	-154.27	9	58.84	31	724.07	17	-1214.74	7	-39.21	9
305	329	-143	Min.	145.35	-2241.95	3	-154.27	9	-25.14	9	516.95	17	379.63	7	-39.21	9
305	-143	-144	Max	0.00	-1330.10	21	-64.50	27	73.84	15	452.87	7	557.60	17	30.19	31
305	-143	-144	Max	68.00					-54.48	9			525.81	9		
305	-143	-144	Max	142.35	-1345.64	21	-64.50	27	-29.79	31	231.00	7	866.09	7	30.19	31
305	-143	-144	Min.	0.00	-2408.16	3	-74.60	13	-9.44	25	-109.31	17	379.36	7	-40.31	9
305	-143	-144	Min.	49.92					37.11	29			517.24	29		
305	-143	-144	Min.	142.35	-2423.69	3	-74.60	13	-103.82	9	-331.19	17	244.08	17	-40.31	9
305	-144	130	Max	0.00	-1271.99	21	15.17	27	-13.87	31	-406.29	7	866.34	7	29.08	31
305	-144	130	Max	129.88	-1286.17	21	15.17	27	-72.23	27	-608.73	7	207.19	7	29.08	31
305	-144	130	Min.	0.00	-2584.94	3	-189.61	13	-94.45	9	-952.01	17	244.28	17	-40.97	9
305	-144	130	Min.	129.88	-2599.12	3	-189.61	13	-262.65	13	-1154.45	17	-1123.64	17	-40.97	9
306	231	-125	Max	12.47	-145.99	5	112.53	31	-54.62	9	956.61	7	527.70	17	67.77	27
306	231	-125	Max	145.35	-131.48	5	112.53	31	-25.63	13	749.48	7	699.20	17	67.77	27
306	231	-125	Min.	12.47	-1490.96	19	-29.26	9	-177.39	31	232.63	17	-1155.94	7	17.16	13
306	231	-125	Min.	145.35	-1476.46	19	-29.26	9	-95.73	27	25.50	17	-22.36	7	17.16	13
306	-125	-126	Max	0.00	-36.26	5	67.69	31	-32.35	13	437.18	7	699.40	17	67.46	27
306	-125	-126	Max	5.44					-28.76	13			399.83	13		
306	-125	-126	Max	142.35	-20.72	5	67.69	31	61.74	29	215.31	7	442.16	7	67.46	27
306	-125	-126	Min.	0.00	-1531.20	19	57.60	9	-100.25	27	-297.27	17	-22.24	7	16.69	13
306	-125	-126	Min.	95.50					29.89	31			332.10	31		
306	-125	-126	Min.	142.35	-1515.66	19	57.60	9	-15.99	11	-519.14	17	118.33	17	16.69	13
306	-126	332	Max	0.00	75.24	5	117.69	27	56.03	13	-94.03	7	441.91	7	66.92	27
306	-126	332	Max	129.88	89.41	5	117.69	27	129.25	27	-296.46	7	188.33	7	66.92	27
306	-126	332	Min.	0.00	-1572.25	19	-46.61	13	-23.61	27	-839.18	17	118.14	17	16.30	13
306	-126	332	Min.	129.88	-1558.08	19	-46.61	13	-4.51	13	-1041.62	17	-1103.23	17	16.30	13
306	332	-135	Max	12.47	-559.00	5	90.52	29	27.09	11	767.46	7	253.24	17	60.86	27
306	332	-135	Max	53.53					-37.04	19			266.22	19		
306	332	-135	Max	175.93	-541.16	5	90.52	29	48.30	13	512.68	7	150.78	13	60.86	27
306	332	-135	Min.	12.47	-979.24	19	-29.83	11	-100.80	29	61.67	17	-905.45	7	26.89	13
306	332	-135	Min.	88.28					-7.47	1			205.83	1		
306	332	-135	Min.	175.93	-961.40	19	-29.83	11	-22.81	27	-193.11	17	135.84	27	26.89	13
306	-135	433	Max	0.00	-417.54	5	104.43	27	42.54	13	141.67	7	150.85	13	60.61	27
306	-135	433	Max	90.89					60.95	7			205.17	7		
306	-135	433	Max	162.46	-399.81	5	104.43	27	143.28	27	-111.55	7	165.25	7	60.61	27
306	-135	433	Min.	0.00	-1035.52	19	10.75	13	-26.37	27	-577.93	17	135.90	27	26.49	13
306	-135	433	Min.	53.16					37.18	21			159.05	21		
306	-135	433	Min.	162.46	-1017.79	19	10.75	13	60.01	13	-831.16	17	-998.63	17	26.49	13
306	433	-13	Max	12.47	-690.54	17	9.21	29	155.56	11	882.42	5	-18.76	19	210.07	27
306	433	-13	Max	221.04	-667.77	17	9.21	29	32.79	29	557.33	5	556.00	11	210.07	27
306	433	-13	Min.	12.47	-956.21	7	-175.31	11	13.58	29	415.22	19	-966.67	5	53.46	13
306	433	-13	Min.	221.04	-933.44	7	-175.31	11	-210.07	11	90.13	19	487.01	29	53.46	13
306	-13	434	Max	0.00	-657.66	5	123.54	25	63.14	15	-89.67	7	555.99	25	-59.14	31
306	-13	434	Max	208.57	-680.43	5	123.54	25	77.89	25	-414.77	7	-17.86	7	-59.14	31
306	-13	434	Min.	0.00	-923.36	19	-61.12	15	-179.78	25	-557.53	17	486.94	15	-215.49	9
306	-13	434	Min.	208.57	-946.13	19	-61.12	15	-64.33	15	-882.63	17	-967.13	17	-215.49	9
306	434	-138	Max	12.47	-383.68	17	21.62	31	81.98	9	830.63	5	164.64	19	-22.83	31
306	434	-138	Max	84.36					22.88	19			204.91	19		
306	434	-138	Max	174.93	-401.41	17	21.62	31	33.97	31	577.41	5	151.05	31	-22.83	31
306	434	-138	Min.	12.47	-1003.38	7	-71.97	9	-1.15	31	112.05	19	-997.57	5	-56.62	9
306	434	-138	Min.	121.42					11.52	1			159.53	1		
306	434	-138	Min.	174.93	-1021.11	7	-71.97	9	-34.95	9	-141.17	19	136.10	9	-56.62	9
306	-138	335	Max	0.00	-525.71	17	60.57	25	37.72	31	192.63	5	150.97	31	-23.09	31
306	-138	335	Max	122.75					-9.96	7			267.09	7		
306	-138	335	Max	163.46	-543.56	17	60.57	25	66.76	25	-62.15	5	254.18	7	-23.09	31
306	-138	335	Min.	0.00	-947.68	7	-59.66	15	-33.39	9	-512.13	19	136.04	9	-56.72	9
306	-138	335	Min.	87.34					8.88	21			205.61	21		
306	-138	335	Min.	163.46	-965.52	7	-59.66	15	-60.93	15	-766.92	19	-905.89	17	-56.72	9
306	335	-141	Max	12.47	98.50	17	37.87	31	145.63	9	1036.89	5	188.27	19	-16.43	31
306	335	-141	Max	145.35	84.00	17	37.87	31	63.01	31	829.77	5	439.97	19	-16.43	31
306	335	-141	Min.	12.47	-1551.52	7	-123.97	9	12.69	31	292.98	19	-1101.35	5	-66.63	9
306	335	-141	Min.	145.35	-1566.03	7	-123.97	9	-19.11	9	85.85	19	138.91	5	-66.63	9
306	-141	-142	Max	0.00	-12.92	17	-59.98	27	68.54	15	506.81	5	440.22	19	-16.81	31
306	-141	-142	Max	139.50					-95.17	27			409.52	27		
306	-141	-142	Max	142.35	-28.46	17	-59.98	27	-34.34	31	284.93	5	702.61	5	-16.81	31
306	-141	-142	Min.	0.00	-1508.99	7	-73.90	13	-11.65	25	-226.30	19	139.09	5	-67.15	9
306	-141	-142	Min.	49.38					-42.04	9			334.06	9		
306	-141	-142	Min.	142.35	-1524.53	7	-73.90	13	-99.34	9	-448.18	19	-39.84	19	-67.15	9
306	-142	136	Max	0.00	-122.72	17	27.22	27	-27.61	31	-34.90	5	702.41	5	-17.28	31
306	-142	136	Max	129.88	-136.90	17	27.22	27	-57.23	27	-237.34	5	525.61	5	-17.28	31
306	-142	136	Min.	0.00	-1470.36	7	-116.15	13	-94.87	9	-757.66	19	-39.97	19	-67.47	9
306	-142	136	Min.	129.88	-1484.53	7	-116.15	13	-180.75	13	-960.10	19	-1155.47	19	-67.47	9
308	-133	-131	Max	0.00	105.77	9	-1.77	11	5.50	29	214.31	1	0.00	1	-0.09	15
308	-133	-131	Max	205.00					-0.74	1			219.67	1		
308	-133	-131	Max	410.00	105.77	9	-1.77	11	-4.23	11	-214.31	1	0.00	1	-0.09	15
308	-133	-131	Min.	0.00	21.26	31	-3.15	29	3.00	11	214.31	1	0.00	1	-0.20	25
308	-133	-131	Min.	205.00					-0.74	1			219.67	1		
308	-133	-131	Min.	410.00												

308	-131	-129	Max	410.00	62.32	27	-2.64	9	-5.39	9	-214.31	1	0.00	1	0.11	9
308	-131	-129	Min.	0.00	-26.13	13	-4.58	31	5.45	9	214.31	1	0.00	1	0.06	31
308	-131	-129	Min.	205.00					0.01	1			219.67	1		
308	-131	-129	Min.	410.00	-26.13	13	-4.58	31	-9.42	31	-214.31	1	0.00	1	0.06	31
308	-129	-127	Max	0.00	28.74	27	-1.61	9	8.59	31	318.17	1	0.00	1	0.06	9
308	-129	-127	Max	295.00					0.05	1			469.31	1		
308	-129	-127	Max	590.00	28.74	27	-1.61	9	-4.70	9	-318.17	1	0.00	1	0.06	9
308	-129	-127	Min.	0.00	-34.45	13	-2.90	31	4.79	9	318.17	1	0.00	1	0.05	31
308	-129	-127	Min.	295.00					0.05	1			469.31	1		
308	-129	-127	Min.	590.00	-34.45	13	-2.90	31	-8.50	31	-318.17	1	0.00	1	0.05	31
308	-127	-125	Max	0.00	-9.34	27	-1.51	9	7.71	31	318.17	1	0.00	1	-0.12	15
308	-127	-125	Max	295.00					0.21	1			469.31	1		
308	-127	-125	Max	590.00	-9.34	27	-1.51	9	-4.35	9	-318.17	1	0.00	1	-0.12	15
308	-127	-125	Min.	0.00	-32.68	13	-2.48	31	4.55	9	318.17	1	0.00	1	-0.20	25
308	-127	-125	Min.	295.00					0.21	1			469.31	1		
308	-127	-125	Min.	590.00	-32.68	13	-2.48	31	-6.91	31	-318.17	1	0.00	1	-0.20	25
309	-134	-132	Max	0.00	28.17	11	-2.43	15	6.04	25	212.31	1	0.00	1	-0.37	13
309	-134	-132	Max	205.00					-0.98	1			217.62	1		
309	-134	-132	Max	410.00	28.17	11	-2.43	15	-6.05	15	-212.31	1	0.00	1	-0.37	13
309	-134	-132	Min.	0.00	-136.89	29	-3.40	25	3.90	15	212.31	1	0.00	1	-0.51	27
309	-134	-132	Min.	205.00					-0.98	1			217.62	1		
309	-134	-132	Min.	410.00	-136.89	29	-3.40	25	-7.89	25	-212.31	1	0.00	1	-0.51	27
309	-132	-130	Max	0.00	61.42	9	-4.06	13	9.25	27	212.31	1	0.00	1	-0.01	9
309	-132	-130	Max	205.00					0.01	1			217.62	1		
309	-132	-130	Max	410.00	61.42	9	-4.06	13	-8.37	13	-212.31	1	0.00	1	-0.01	9
309	-132	-130	Min.	0.00	-73.67	31	-4.50	27	8.26	13	212.31	1	0.00	1	-0.07	31
309	-132	-130	Min.	205.00					0.01	1			217.62	1		
309	-132	-130	Min.	410.00	-73.67	31	-4.50	27	-9.19	27	-212.31	1	0.00	1	-0.07	31
309	-130	-128	Max	0.00	54.19	9	-2.54	13	8.30	27	315.29	1	0.00	1	-0.04	5
309	-130	-128	Max	295.00					0.05	1			465.05	1		
309	-130	-128	Max	590.00	54.19	9	-2.54	13	-7.42	13	-315.29	1	0.00	1	-0.04	5
309	-130	-128	Min.	0.00	-19.24	31	-2.81	27	7.58	13	315.29	1	0.00	1	-0.07	19
309	-130	-128	Min.	295.00					0.05	1			465.05	1		
309	-130	-128	Min.	590.00	-19.24	31	-2.81	27	-8.26	27	-315.29	1	0.00	1	-0.07	19
309	-128	-126	Max	0.00	36.13	13	-2.04	15	8.00	25	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	36.13	13	-2.04	15	-5.60	15	-315.29	1	0.00	1	0.26	15
309	-128	-126	Min.	0.00	18.08	27	-2.67	25	6.42	15	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	18.08	27	-2.67	25	-7.75	25	-315.29	1	0.00	1	0.17	25
310	308	314	Max	17.50	603.72	9	-32.56	23	87.60	1	493.41	1	0.00	1	-29.07	23
310	308	314	Max	207.50					-21.37	1			468.74	1		
310	308	314	Max	397.50	603.72	9	-32.56	23	-85.11	23	-493.41	1	0.00	1	-29.07	23
310	308	314	Min.	17.50	-321.19	31	-57.35	1	38.61	23	493.41	1	0.00	1	-45.64	1
310	308	314	Min.	207.50					-21.37	1			468.74	1		
310	308	314	Min.	397.50	-321.19	31	-57.35	1	-130.34	1	-493.41	1	0.00	1	-45.64	1
310	314	320	Max	12.50	369.84	9	-66.01	25	144.51	15	712.80	13	284.54	27	-4.45	21
310	314	320	Max	92.09					77.20	27			366.80	27		
310	314	320	Max	397.50	369.84	9	-66.01	25	-126.21	25	-287.01	13	45.09	13	-4.45	21
310	314	320	Min.	12.50	-300.73	31	-76.20	15	127.92	25	206.69	27	-774.55	13	-8.39	3
310	314	320	Min.	223.80					-15.79	3			148.42	3		
310	314	320	Min.	397.50	-300.73	31	-76.20	15	-148.84	15	-793.12	27	-844.33	27	-8.39	3
310	320	326	Max	12.50	151.37	9	-31.21	25	106.43	15	827.54	13	-360.78	27	-1.01	21
310	320	326	Max	331.17					-14.70	13			390.63	13		
310	320	326	Max	577.50	151.37	9	-31.21	25	-89.35	25	-639.71	13	-397.28	13	-1.01	21
310	320	326	Min.	12.50	-283.02	31	-38.06	15	86.99	25	621.93	27	-927.92	13	-4.32	3
310	320	326	Min.	282.82					3.12	1			367.22	1		
310	320	326	Min.	577.50	-283.02	31	-38.06	15	-108.60	15	-845.32	27	-991.85	27	-4.32	3
310	326	332	Max	12.50	-80.58	9	-30.45	7	94.69	19	989.27	13	-452.07	27	26.50	19
310	326	332	Max	393.44					-25.92	13			623.95	13		
310	326	332	Max	577.50	-80.58	9	-30.45	7	-82.45	15	-477.98	13	184.07	13	26.50	19
310	326	332	Min.	12.50	-186.16	31	-32.52	17	87.70	5	666.47	27	-1260.33	13	-6.58	5
310	326	332	Min.	270.28					7.38	25			403.11	25		
310	326	332	Min.	577.50	-186.16	31	-32.52	17	-90.95	25	-800.78	27	-831.52	27	-6.58	5
311	-148	-147	Max	0.00	104.19	9	-1.60	5	4.60	19	256.39	1	0.00	1	0.02	5
311	-148	-147	Max	205.00					-1.26	1			262.80	1		
311	-148	-147	Max	410.00	104.19	9	-1.60	5	-4.50	11	-256.39	1	0.00	1	0.02	5
311	-148	-147	Min.	0.00	-71.29	31	-2.89	19	2.03	5	256.39	1	0.00	1	-0.02	19
311	-148	-147	Min.	205.00					-1.26	1			262.80	1		
311	-148	-147	Min.	410.00	-71.29	31	-2.89	19	-7.28	29	-256.39	1	0.00	1	-0.02	19
311	-147	-137	Max	0.00	77.01	9	-3.02	11	9.56	29	256.39	1	0.00	1	0.01	13
311	-147	-137	Max	205.00					0.05	1			262.80	1		
311	-147	-137	Max	410.00	77.01	9	-3.02	11	-6.06	11	-256.39	1	0.00	1	0.01	13
311	-147	-137	Min.	0.00	-64.43	31	-4.72	29	6.31	11	256.39	1	0.00	1	-0.01	27
311	-147	-137	Min.	205.00					0.05	1			262.80	1		
311	-147	-137	Min.	410.00	-64.43	31	-4.72	29	-9.78	29	-256.39	1	0.00	1	-0.01	27
311	-137	-136	Max	0.00	38.17	9	-1.67	9	8.84	31	378.72	1	0.00	1	0.01	1
311	-137	-136	Max	295.00					0.11	1			558.62	1		
311	-137	-136	Max	590.00	38.17	9	-1.67	9	-4.85	9	-378.72	1	0.00	1	0.01	1
311	-137	-136	Min.	0.00	-52.76	31	-2.96	31	5.04	9	378.72	1	0.00	1	-0.00	23
311	-137	-136	Min.	295.00					0.11	1			558.62	1		
311	-137	-136	Min.	590.00	-52.76	31	-2.96	31	-8.59	31	-378.72	1	0.00	1	-0.00	23
311	-136	-135	Max	0.00	-19.48	3	-1.24	11	6.99	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	-19.48	3	-1.24	11	-3.44	11	-378.72	1	0.00	1	0.02	7
311	-136	-135	Min.	0.00	-35.00	21	-2.19	29	3.90	11	378.72	1	0.00	1	-0.15	17
311	-136	-135	Min.	295.00					0.35	1			558.62	1		
311	-136	-135	Min.	590.00	-35.00	21	-2.19	29	-5.91	29	-378.72	1	0.00	1	-0.15	17
312	409	415	Max	17.50	1259.67	9	8.82	27	38.01	3	541.38	1	0.00	1	50.30	19
312	409	415	Max	207.50					-21.00	1			514.32	1		

312	409	415	Max	397.50	1259.67	9	8.82	27	-1.55	27	-541.38	1	0.00	1	50.30	19
312	409	415	Min.	17.50	-289.12	31	-32.55	13	-37.98	21	541.38	1	0.00	1	13.35	5
312	409	415	Min.	207.50					-21.00	1			514.32	1		
312	409	415	Min.	397.50	-289.12	31	-32.55	13	-88.58	13	-541.38	1	0.00	1	13.35	5
312	415	421	Max	12.50	882.27	9	-13.73	9	125.73	31	733.32	13	190.92	27	16.44	25
312	415	421	Max	113.78					17.88	27			337.07	27		
312	415	421	Max	397.50	882.27	9	-13.73	9	-23.91	9	-363.70	13	-38.06	13	16.44	25
312	415	421	Min.	12.50	-243.95	31	-66.04	31	28.96	9	288.60	27	-749.57	13	10.78	15
312	415	421	Min.	216.89					-5.90	3			164.47	3		
312	415	421	Min.	397.50	-243.95	31	-66.04	31	-128.54	31	-808.42	27	-809.73	27	10.78	15
312	421	427	Max	12.50	509.23	11	-4.28	9	90.25	31	886.61	13	-474.03	27	7.81	31
312	421	427	Max	323.66					-9.86	13			419.78	13		
312	421	427	Max	577.50	509.23	11	-4.28	9	-12.57	9	-723.30	13	-498.24	13	7.81	31
312	421	427	Min.	12.50	-199.55	29	-32.18	31	11.63	9	710.58	27	-959.61	13	3.38	9
312	421	427	Min.	284.39					0.60	1			402.28	1		
312	421	427	Min.	577.50	-199.55	29	-32.18	31	-91.55	31	-899.33	27	-1007.26	27	3.38	9
312	427	433	Max	12.50	129.60	11	6.28	11	63.24	29	1067.00	13	-624.54	27	-9.39	17
312	427	433	Max	386.97					-5.98	13			681.54	13		
312	427	433	Max	577.50	129.60	11	6.28	11	25.74	11	-542.90	13	164.33	13	-9.39	17
312	427	433	Min.	12.50	-90.98	29	-18.58	29	-9.74	11	790.35	27	-1316.25	13	-33.37	7
312	427	433	Min.	289.88					7.64	27			471.58	27		
312	427	433	Min.	577.50	-90.98	29	-18.58	29	-41.75	29	-819.56	27	-707.04	27	-33.37	7
313	-9	-10	Max	0.00	497.56	27	34.89	7	-30.77	17	614.85	1	0.00	1	19.90	7
313	-9	-10	Max	205.00					-4.43	1			630.22	1		
313	-9	-10	Max	410.00	497.56	27	34.89	7	67.14	7	-614.85	1	0.00	1	19.90	7
313	-9	-10	Min.	0.00	106.73	13	12.94	17	-75.92	7	614.85	1	0.00	1	8.01	17
313	-9	-10	Min.	205.00					-4.43	1			630.22	1		
313	-9	-10	Min.	410.00	106.73	13	12.94	17	22.30	17	-614.85	1	0.00	1	8.01	17
313	-10	-11	Max	0.00	326.95	25	22.96	7	-32.91	17	549.27	13	-14.34	9	1.63	7
313	-10	-11	Max	147.56					-11.48	9			312.18	9		
313	-10	-11	Max	410.00	326.95	25	22.96	7	53.70	7	-680.43	13	-567.93	13	1.63	7
313	-10	-11	Min.	0.00	-39.29	15	13.29	17	-40.42	7	442.56	9	-299.05	15	0.12	17
313	-10	-11	Min.	183.13					-2.08	15			203.90	15		
313	-10	-11	Min.	410.00	-39.29	15	13.29	17	21.58	17	-787.13	9	-720.70	9	0.12	17
313	-11	-41	Max	0.00	209.18	27	84.40	3	60.81	21	865.06	13	-689.90	9	0.52	7
313	-11	-41	Max	176.67	209.18	27	84.40	3	35.05	17	335.19	13	309.57	9	0.52	7
313	-11	-41	Min.	0.00	-227.09	13	-66.13	21	-114.77	3	830.67	9	-791.07	13	-0.54	17
313	-11	-41	Min.	176.67	-227.09	13	-66.13	21	-56.73	7	300.80	9	269.15	13	-0.54	17
313	-41	-42	Max	0.00	140.75	27	15.98	3	35.06	17	335.18	13	309.58	9	0.52	7
313	-41	-42	Max	100.29					-17.37	11			460.41	11		
313	-41	-42	Max	191.67	140.75	27	15.98	3	64.96	3	-239.68	13	360.69	15	0.52	7
313	-41	-42	Min.	0.00	-158.67	13	2.30	21	-56.74	7	300.79	9	269.16	13	-0.54	17
313	-41	-42	Min.	111.75					15.20	13			456.45	13		
313	-41	-42	Min.	191.67	-158.67	13	2.30	21	-51.62	21	-274.07	9	335.19	9	-0.54	17
313	-42	-12	Max	0.00	63.97	27	79.67	7	64.96	3	-239.66	13	360.70	15	0.52	7
313	-42	-12	Max	221.67	63.97	27	79.67	7	125.40	7	-904.49	13	-907.39	15	0.52	7
313	-42	-12	Min.	0.00	-81.88	13	-61.40	17	-51.62	21	-274.05	9	335.21	9	-0.54	17
313	-42	-12	Min.	221.67	-81.88	13	-61.40	17	-71.55	17	-938.88	9	-1009.12	9	-0.54	17
313	-12	-43	Max	0.00	-2.98	27	94.94	3	77.41	21	1056.90	13	-938.37	11	6.70	7
313	-12	-43	Max	161.67	-2.98	27	94.94	3	19.77	17	572.02	13	235.28	11	6.70	7
313	-12	-43	Min.	0.00	-225.54	13	-74.83	21	-134.81	3	968.41	9	-1127.91	13	-6.61	17
313	-12	-43	Min.	161.67	-225.54	13	-74.83	21	-44.66	7	483.53	9	188.80	13	-6.61	17
313	-43	-44	Max	0.00	-68.62	27	29.30	3	19.78	17	572.01	13	235.30	11	6.70	7
313	-43	-44	Max	190.71					27.30	13			734.27	13		
313	-43	-44	Max	191.67	-68.62	27	29.30	3	74.85	3	-2.85	13	734.26	13	6.70	7
313	-43	-44	Min.	0.00	-159.90	13	-9.19	21	-44.66	7	483.52	9	188.82	13	-6.61	17
313	-43	-44	Min.	161.21					22.53	9			625.05	9		
313	-43	-44	Min.	191.67	-159.90	13	-9.19	21	-61.18	21	-91.34	11	611.14	9	-6.61	17
313	-44	-13	Max	0.00	-80.33	31	71.27	7	74.85	3	-2.83	13	734.26	13	6.70	7
313	-44	-13	Max	236.67	-80.33	31	71.27	7	108.10	7	-712.65	13	-112.40	13	6.70	7
313	-44	-13	Min.	0.00	-148.19	9	-51.16	17	-61.18	21	-91.32	11	611.15	9	-6.61	17
313	-44	-13	Min.	236.67	-148.19	9	-51.16	17	-46.83	17	-801.14	9	-444.93	11	-6.61	17
314	410	416	Max	17.50	751.07	27	40.23	31	23.46	1	541.38	1	0.00	1	-16.20	17
314	410	416	Max	207.50					21.60	1			514.32	1		
314	410	416	Max	397.50	751.07	27	40.23	31	103.29	31	-541.38	1	0.00	1	-16.20	17
314	410	416	Min.	17.50	-799.68	13	-1.11	9	-52.52	23	541.38	1	0.00	1	-53.17	7
314	410	416	Min.	207.50					21.60	1			514.32	1		
314	410	416	Min.	397.50	-799.68	13	-1.11	9	16.32	9	-541.38	1	0.00	1	-53.17	7
314	416	422	Max	12.50	529.99	27	75.92	13	-48.07	27	724.34	31	209.07	9	-11.19	29
314	416	422	Max	110.76					-27.79	9			346.62	9		
314	416	422	Max	397.50	529.99	27	75.92	13	147.43	13	-372.68	31	-53.72	31	-11.19	29
314	416	422	Min.	12.50	-597.73	13	23.60	27	-144.87	13	279.98	9	-730.66	31	-16.76	11
314	416	422	Min.	213.79					5.29	23			165.15	23		
314	416	422	Min.	397.50	-597.73	13	23.60	27	42.79	27	-817.04	9	-824.78	9	-16.76	11
314	422	428	Max	12.50	290.36	25	36.97	13	-24.96	27	883.14	31	-464.63	9	-3.39	27
314	422	428	Max	322.44					10.99	31			418.76	31		
314	422	428	Max	577.50	290.36	25	36.97	13	105.28	13	-726.77	31	-508.10	31	-3.39	27
314	422	428	Min.	12.50	-419.36	15	9.07	27	-103.57	13	707.24	9	-949.83	31	-7.92	13
314	422	428	Min.	283.21					-1.11	21			402.62	21		
314	422	428	Min.	577.50	-419.36	15	9.07	27	26.31	27	-902.67	9	-1016.72	9	-7.92	13
314	428	434	Max	12.50	28.49	25	23.76	15	-4.65	25	1061.29	31	-611.10	9	33.32	19
314	428	434	Max	384.96					10.49	31			674.17	31		
314	428	434	Max	577.50	28.49	25	23.76	15	56.60	15	-548.62	31	146.01	31	33.32	19
314	428	434	Min.	12.50	-192.53	15	-1.11	25	-77.66	15	784.86	9	-1302.26	31	9.40	5
314	428	434	Min.	287.95					-7.68	9			469.83	9		
314	428	434	Min.	577.50	-192.53	15	-1.11	25	-10.91	25	-825.05	9	-724.65	9	9.40	5
315	-150	-149	Max	0.00	122.15	27	1.60	7	0.58	17	256.39	1	0.00	1	-0.10	7
315	-150	-149	Max	205.00					1.20	1			262.80	1		
315	-150	-149	Max	410.00	122.15	27	1.60	7	4.58	15	-256.39	1	0.00	1	-0.10	7
315	-150	-149	Min.	0.00	-53.73	13	0.30	17	-2.00	7	256.39	1	0.00	1	-0.15	17

315	-150	-149	Min.	205.00					1.20	1			262.80	1		
315	-150	-149	Min.	410.00	-53.73	13	0.30	17	1.80	25	-256.39	1	0.00	1	-0.15	17
315	-149	-140	Max	0.00	80.32	27	3.46	15	-3.69	25	256.39	1	0.00	1	0.01	9
315	-149	-140	Max	205.00					-0.00	1			262.80	1		
315	-149	-140	Max	410.00	80.32	27	3.46	15	7.23	15	-256.39	1	0.00	1	0.01	9
315	-149	-140	Min.	0.00	-61.47	13	1.75	25	-6.94	15	256.39	1	0.00	1	-0.01	31
315	-149	-140	Min.	205.00					-0.00	1			262.80	1		
315	-149	-140	Min.	410.00	-61.47	13	1.75	25	3.51	25	-256.39	1	0.00	1	-0.01	31
315	-140	-139	Max	0.00	38.42	27	2.22	13	-2.83	27	378.72	1	0.00	1	0.00	3
315	-140	-139	Max	295.00					-0.08	1			558.62	1		
315	-140	-139	Max	590.00	38.42	27	2.22	13	6.45	13	-378.72	1	0.00	1	0.00	3
315	-140	-139	Min.	0.00	-52.81	13	0.94	27	-6.64	13	378.72	1	0.00	1	-0.01	21
315	-140	-139	Min.	295.00					-0.08	1			558.62	1		
315	-140	-139	Min.	590.00	-52.81	13	0.94	27	2.70	27	-378.72	1	0.00	1	-0.01	21
315	-139	-138	Max	0.00	-17.90	23	1.50	15	-1.85	25	378.72	1	0.00	1	0.15	5
315	-139	-138	Max	295.00					-0.31	1			558.62	1		
315	-139	-138	Max	590.00	-17.90	23	1.50	15	3.90	15	-378.72	1	0.00	1	0.15	5
315	-139	-138	Min.	0.00	-33.37	1	0.55	25	-4.94	15	378.72	1	0.00	1	-0.02	19
315	-139	-138	Min.	295.00					-0.31	1			558.62	1		
315	-139	-138	Min.	590.00	-33.37	1	0.55	25	1.43	25	-378.72	1	0.00	1	-0.02	19
316	311	317	Max	17.50	760.98	27	49.52	21	-26.69	3	495.27	1	0.00	1	43.98	21
316	311	317	Max	207.50					19.99	1			470.50	1		
316	311	317	Max	397.50	760.98	27	49.52	21	112.57	21	-495.27	1	0.00	1	43.98	21
316	311	317	Min.	17.50	-167.66	13	24.77	3	-75.62	21	495.27	1	0.00	1	27.38	3
316	311	317	Min.	207.50					19.99	1			470.50	1		
316	311	317	Min.	397.50	-167.66	13	24.77	3	67.45	3	-495.27	1	0.00	1	27.38	3
316	317	323	Max	12.50	485.51	27	64.37	29	-105.19	11	711.26	31	288.39	9	8.21	23
316	317	323	Max	91.59					-64.30	9			369.92	9		
316	317	323	Max	397.50	485.51	27	64.37	29	125.71	29	-292.31	31	37.88	31	8.21	23
316	317	323	Min.	12.50	-188.16	13	54.01	11	-122.13	29	206.16	9	-768.60	31	4.30	1
316	317	323	Min.	222.55					12.46	23			148.97	23		
316	317	323	Min.	397.50	-188.16	13	54.01	11	102.76	11	-797.41	9	-849.76	9	4.30	1
316	323	329	Max	12.50	226.91	27	32.02	29	-70.00	11	828.93	31	-360.71	9	4.30	23
316	323	329	Max	330.50					12.04	31			391.31	31		
316	323	329	Max	577.50	226.91	27	32.02	29	91.28	29	-643.84	31	-403.82	31	4.30	23
316	323	329	Min.	12.50	-209.26	13	25.10	11	-89.65	29	623.73	9	-926.72	31	1.01	1
316	323	329	Min.	282.44					-2.76	21			368.59	21		
316	323	329	Min.	577.50	-209.26	13	25.10	11	71.80	11	-849.04	9	-997.21	9	1.01	1
316	329	335	Max	12.50	-42.57	27	25.43	5	-68.29	17	990.33	31	-451.78	9	6.67	17
316	329	335	Max	392.42					18.16	31			622.85	31		
316	329	335	Max	577.50	-42.57	27	25.43	5	70.15	11	-482.44	31	176.40	31	6.67	17
316	329	335	Min.	12.50	-148.60	13	23.39	19	-75.38	7	668.19	9	-1258.39	31	-26.49	7
316	329	335	Min.	269.98					-6.33	11			404.60	11		
316	329	335	Min.	577.50	-148.60	13	23.39	19	62.05	29	-804.58	9	-837.06	9	-26.49	7
317	-153	-151	Max	0.00	23.55	25	3.33	11	-3.85	29	214.31	1	0.00	1	0.50	9
317	-153	-151	Max	205.00					0.97	1			219.67	1		
317	-153	-151	Max	410.00	23.55	25	3.33	11	7.75	11	-214.31	1	0.00	1	0.50	9
317	-153	-151	Min.	0.00	-141.80	15	2.40	29	-5.92	11	214.31	1	0.00	1	0.36	31
317	-153	-151	Min.	205.00					0.97	1			219.67	1		
317	-153	-151	Min.	410.00	-141.80	15	2.40	29	5.98	29	-214.31	1	0.00	1	0.36	31
317	-151	-145	Max	0.00	60.84	27	4.42	9	-8.19	31	214.31	1	0.00	1	0.07	13
317	-151	-145	Max	205.00					-0.00	1			219.67	1		
317	-151	-145	Max	410.00	60.84	27	4.42	9	9.02	9	-214.31	1	0.00	1	0.07	13
317	-151	-145	Min.	0.00	-74.42	13	4.02	31	-9.10	9	214.31	1	0.00	1	0.01	27
317	-151	-145	Min.	205.00					-0.00	1			219.67	1		
317	-151	-145	Min.	410.00	-74.42	13	4.02	31	8.28	31	-214.31	1	0.00	1	0.01	27
317	-145	-143	Max	0.00	53.61	27	2.74	9	-7.47	31	318.17	1	0.00	1	0.07	7
317	-145	-143	Max	295.00					-0.05	1			469.31	1		
317	-145	-143	Max	590.00	53.61	27	2.74	9	8.06	9	-318.17	1	0.00	1	0.07	7
317	-145	-143	Min.	0.00	-20.00	13	2.50	31	-8.12	9	318.17	1	0.00	1	0.03	17
317	-145	-143	Min.	295.00					-0.05	1			469.31	1		
317	-145	-143	Min.	590.00	-20.00	13	2.50	31	7.29	31	-318.17	1	0.00	1	0.03	17
317	-143	-141	Max	0.00	32.90	31	2.60	11	-6.29	29	318.17	1	0.00	1	-0.17	11
317	-143	-141	Max	295.00					-0.21	1			469.31	1		
317	-143	-141	Max	590.00	32.90	31	2.60	11	7.55	11	-318.17	1	0.00	1	-0.17	11
317	-143	-141	Min.	0.00	14.88	9	1.99	29	-7.79	11	318.17	1	0.00	1	-0.26	29
317	-143	-141	Min.	295.00					-0.21	1			469.31	1		
317	-143	-141	Min.	590.00	14.88	9	1.99	29	5.47	29	-318.17	1	0.00	1	-0.26	29
318	-154	-152	Max	0.00	105.09	27	3.15	15	-2.96	25	212.31	1	0.00	1	0.19	11
318	-154	-152	Max	205.00					0.72	1			217.62	1		
318	-154	-152	Max	410.00	105.09	27	3.15	15	7.41	15	-212.31	1	0.00	1	0.19	11
318	-154	-152	Min.	0.00	23.34	13	1.74	25	-5.50	15	212.31	1	0.00	1	0.08	29
318	-154	-152	Min.	205.00					0.72	1			217.62	1		
318	-154	-152	Min.	410.00	23.34	13	1.74	25	4.16	25	-212.31	1	0.00	1	0.08	29
318	-152	-146	Max	0.00	59.83	9	4.56	13	-5.37	27	212.31	1	0.00	1	-0.06	15
318	-152	-146	Max	205.00									217.62	1		
318	-152	-146	Max	410.00	59.83	9	4.56	13	9.40	13	-212.31	1	0.00	1	-0.06	15
318	-152	-146	Min.	0.00	-26.95	31	2.61	27	-9.32	13	212.31	1	0.00	1	-0.12	25
318	-152	-146	Min.	205.00									217.62	1		
318	-152	-146	Min.	410.00	-26.95	31	2.61	27	5.31	27	-212.31	1	0.00	1	-0.12	25
318	-146	-144	Max	0.00	26.45	9	2.89	13	-4.73	27	315.29	1	0.00	1	-0.05	13
318	-146	-144	Max	295.00					-0.04	1			465.05	1		
318	-146	-144	Max	590.00	26.45	9	2.89	13	8.49	13	-315.29	1	0.00	1	-0.05	13
318	-146	-144	Min.	0.00	-36.06	31	1.59	27	-8.58	13	315.29	1	0.00	1	-0.07	27
318	-146	-144	Min.	295.00					-0.04	1			465.05	1		
318	-146	-144	Min.	590.00	-36.06	31	1.59	27	4.65	27	-315.29	1	0.00	1	-0.07	27
318	-144	-142	Max	0.00	-10.37	9	2.48	13	-4.50	27	315.29	1	0.00	1	0.20	11
318	-144	-142	Max	295.00					-0.19	1			465.05	1		
318	-144	-142	Max	590.00	-10.37	9	2.48	13	6.93	13	-315.29	1	0.00	1	0.20	11
318	-144	-142	Min.	0.00	-34.58	31	1.49	27	-7.71	13	315.29	1	0.00	1	0.13	29

318	-144	-142	Min.	295.00					-0.19	1			465.05	1			
318	-144	-142	Min.	590.00	-34.58	31		1.49	27	4.30	27	-315.29	1	0.00	1	0.13	29
501	1	2	Max	12.50	0.00	1		0.00	1	0.00	1	909.38	21	1626.85	3	916.40	13
501	1	2	Max	339.76										34.85	9		
501	1	2	Max	416.50	0.00	1		0.00	1	0.00	1	1206.59	23	1728.88	21	916.40	13
501	1	2	Min.	12.50	0.00	1		0.00	1	0.00	1	-752.26	3	-2206.21	21	101.79	27
501	1	2	Min.	305.23										-125.16	13		
501	1	2	Min.	416.50	0.00	1		0.00	1	0.00	1	-401.64	1	-829.87	3	101.79	27
501	2	3	Max	12.50	0.00	1		0.00	1	0.00	1	385.86	21	1463.54	1	204.41	31
501	2	3	Max	105.77										43.51	11		
501	2	3	Max	337.50	0.00	1		0.00	1	0.00	1	956.58	23	1366.59	23	204.41	31
501	2	3	Min.	12.50	0.00	1		0.00	1	0.00	1	-1046.95	3	-754.70	23	-3.99	9
501	2	3	Min.	292.87										-126.90	13		
501	2	3	Min.	337.50	0.00	1		0.00	1	0.00	1	-427.82	1	-891.30	1	-3.99	9
501	3	4	Max	12.50	0.00	1		0.00	1	0.00	1	271.87	21	1491.07	3	-22.98	21
501	3	4	Max	143.82										-180.62	11		
501	3	4	Max	428.50	0.00	1		0.00	1	0.00	1	910.60	23	1303.23	23	-22.98	21
501	3	4	Min.	12.50	0.00	1		0.00	1	0.00	1	-1022.31	3	-986.64	21	-103.61	3
501	3	4	Min.	363.27										-347.71	13		
501	3	4	Min.	428.50	0.00	1		0.00	1	0.00	1	-382.36	1	-1172.12	1	-103.61	3
501	4	5	Max	12.50	0.00	1		0.00	1	0.00	1	535.14	21	1206.03	3	63.41	27
501	4	5	Max	203.55										51.17	25		
501	4	5	Max	337.50	0.00	1		0.00	1	0.00	1	1090.45	23	1527.30	21	63.41	27
501	4	5	Min.	12.50	0.00	1		0.00	1	0.00	1	-850.54	3	-1054.01	21	-147.16	13
501	4	5	Min.	45.30										-156.16	15		
501	4	5	Min.	337.50	0.00	1		0.00	1	0.00	1	-340.96	1	-693.08	3	-147.16	13
501	5	6	Max	12.50	0.00	1		0.00	1	0.00	1	392.84	21	1769.41	1	-85.98	9
501	5	6	Max	100.35										65.22	27		
501	5	6	Max	416.50	0.00	1		0.00	1	0.00	1	739.87	23	1617.79	23	-85.98	9
501	5	6	Min.	12.50	0.00	1		0.00	1	0.00	1	-1216.75	3	-786.87	23	-900.10	31
501	5	6	Min.	133.57										-95.34	31		
501	5	6	Min.	416.50	0.00	1		0.00	1	0.00	1	-920.11	1	-2211.86	1	-900.10	31
506	31	32	Max	12.50	0.00	1		0.00	1	0.00	1	976.27	7	1120.33	17	255.51	15
506	31	32	Max	416.50	0.00	1		0.00	1	0.00	1	214.94	5	614.35	7	255.51	15
506	31	32	Min.	12.50	0.00	1		0.00	1	0.00	1	-185.07	17	-1713.84	7	-380.69	25
506	31	32	Min.	416.50	0.00	1		0.00	1	0.00	1	-830.07	19	-954.37	17	-380.69	25
506	32	33	Max	12.50	0.00	1		0.00	1	0.00	1	732.32	7	521.05	19	66.07	31
506	32	33	Max	337.50	0.00	1		0.00	1	0.00	1	162.04	5	771.12	5	66.07	31
506	32	33	Min.	12.50	0.00	1		0.00	1	0.00	1	-49.57	17	-697.03	5	-68.85	9
506	32	33	Min.	337.50	0.00	1		0.00	1	0.00	1	-565.96	19	-422.80	19	-68.85	9
506	33	-6	Max	12.50	0.00	1		0.00	1	0.00	1	79.79	7	776.59	17	138.02	27
506	33	-6	Max	220.50	0.00	1		0.00	1	0.00	1	-502.08	7	-836.86	15	138.02	27
506	33	-6	Min.	12.50	0.00	1		0.00	1	0.00	1	-573.30	17	-441.49	7	-146.23	13
506	33	-6	Min.	220.50	0.00	1		0.00	1	0.00	1	-1079.66	17	-926.47	25	-146.23	13
506	-6	34	Max	0.00	0.00	1		0.00	1	0.00	1	1080.15	5	-837.00	29	123.14	31
506	-6	34	Max	208.00	0.00	1		0.00	1	0.00	1	574.09	5	777.75	5	123.14	31
506	-6	34	Min.	0.00	0.00	1		0.00	1	0.00	1	503.39	19	-926.50	11	-159.59	9
506	-6	34	Min.	208.00	0.00	1		0.00	1	0.00	1	-78.09	19	-438.58	19	-159.59	9
506	34	35	Max	12.50	0.00	1		0.00	1	0.00	1	565.14	7	774.02	17	76.63	27
506	34	35	Max	337.50	0.00	1		0.00	1	0.00	1	48.21	5	520.79	7	76.63	27
506	34	35	Min.	12.50	0.00	1		0.00	1	0.00	1	-163.91	17	-421.64	7	-59.48	13
506	34	35	Min.	337.50	0.00	1		0.00	1	0.00	1	-732.51	19	-699.07	17	-59.48	13
506	35	36	Max	12.50	0.00	1		0.00	1	0.00	1	830.55	7	612.94	19	385.22	11
506	35	36	Max	416.50	0.00	1		0.00	1	0.00	1	184.11	5	1117.19	5	385.22	11
506	35	36	Min.	12.50	0.00	1		0.00	1	0.00	1	-215.88	17	-953.49	5	-250.37	29
506	35	36	Min.	416.50	0.00	1		0.00	1	0.00	1	-975.57	19	-1713.14	19	-250.37	29
507	1	7	Max	17.50	0.00	1		0.00	1	0.00	1	1273.46	13	1186.76	27	262.63	3
507	1	7	Max	617.50	0.00	1		0.00	1	0.00	1	662.46	15	1543.02	13	262.63	3
507	1	7	Min.	17.50	0.00	1		0.00	1	0.00	1	-398.54	27	-3468.87	13	-430.83	21
507	1	7	Min.	617.50	0.00	1		0.00	1	0.00	1	-632.57	25	-1565.71	27	-430.83	21
507	7	13	Max	17.50	0.00	1		0.00	1	0.00	1	256.30	13	2711.74	27	22.56	19
507	7	13	Max	397.50	0.00	1		0.00	1	0.00	1	-94.39	13	150.07	13	22.56	19
507	7	13	Min.	17.50	0.00	1		0.00	1	0.00	1	-1257.64	27	-349.55	13	-96.23	5
507	7	13	Min.	397.50	0.00	1		0.00	1	0.00	1	-1217.92	27	-1660.48	27	-96.23	5
507	13	19	Max	12.50	0.00	1		0.00	1	0.00	1	864.07	13	-7.61	27	16.28	23
507	13	19	Max	397.50	0.00	1		0.00	1	0.00	1	133.30	15	562.71	13	16.28	23
507	13	19	Min.	12.50	0.00	1		0.00	1	0.00	1	72.80	27	-1264.78	13	-56.34	1
507	13	19	Min.	397.50	0.00	1		0.00	1	0.00	1	-562.10	25	-896.30	27	-56.34	1
507	19	25	Max	12.50	0.00	1		0.00	1	0.00	1	643.82	13	460.53	27	113.10	23
507	19	25	Max	577.50	0.00	1		0.00	1	0.00	1	-56.56	15	357.27	15	113.10	23
507	19	25	Min.	12.50	0.00	1		0.00	1	0.00	1	32.93	27	-928.66	13	-90.89	1
507	19	25	Min.	577.50	0.00	1		0.00	1	0.00	1	-597.28	25	-922.95	25	-90.89	1
507	25	31	Max	12.50	0.00	1		0.00	1	0.00	1	660.21	13	510.53	27	448.32	7
507	25	31	Max	577.50	0.00	1		0.00	1	0.00	1	12.60	15	846.23	13	448.32	7
507	25	31	Min.	12.50	0.00	1		0.00	1	0.00	1	-5.17	27	-1006.64	13	-241.55	17
507	25	31	Min.	577.50	0.00	1		0.00	1	0.00	1	-893.04	25	-1578.95	27	-241.55	17
519	6	12	Max	17.50	0.00	1		0.00	1	0.00	1	1264.33	31	1192.41	9	432.29	1
519	6	12	Max	617.50	0.00	1		0.00	1	0.00	1	660.15	29	1535.02	31	432.29	1
519	6	12	Min.	17.50	0.00	1		0.00	1	0.00	1	-401.66	9	-3447.73	31	-261.10	23
519	6	12	Min.	617.50	0.00	1		0.00	1	0.00	1	-630.85	11	-1563.03	9	-261.10	23
519	12	18	Max	17.50	0.00	1		0.00	1	0.00	1	252.13	31	2708.17	9	96.66	17
519	12	18	Max	397.50	0.00	1		0.00	1	0.00	1	-96.84	31	145.54	31	96.66	17
519	12	18	Min.	17.50	0.00	1		0.00	1	0.00	1	-1256.40	9	-342.16	31	-22.64	7
519	12	18	Min.	397.50	0.00	1		0.00	1	0.00	1	-1216.34	9	-1658.57	9	-22.64	7
519	18	24	Max	12.50	0.00	1		0.00	1	0.00	1	861.89	31	-8.74	9	56.38	21
519	18	24	Max	397.50	0.00	1		0.00	1	0.00	1	131.69	29	558.94	31	56.38	21
519	18	24	Min.	12.50	0.00	1		0.00	1	0.00	1	73.33	9	-1261.54	31	-16.82	3
519	18	24	Min.	397.50	0.00	1		0.00	1	0.00	1	-561.24	11	-894.82	9	-16.82	3
519	24	30	Max	12.50	0.00	1		0.00	1	0.00							

519	24	30	Min.	12.50	0.00	1	0.00	1	0.00	1	33.21	9	-925.04	31	-113.78	3
519	24	30	Min.	577.50	0.00	1	0.00	1	0.00	1	-596.22	11	-920.89	11	-113.78	3
519	30	36	Max	12.50	0.00	1	0.00	1	0.00	1	658.30	31	509.90	9	240.55	5
519	30	36	Max	577.50	0.00	1	0.00	1	0.00	1	9.55	29	838.12	31	240.55	5
519	30	36	Min.	12.50	0.00	1	0.00	1	0.00	1	-5.29	9	-1002.25	31	-448.93	19
519	30	36	Min.	577.50	0.00	1	0.00	1	0.00	1	-892.56	11	-1579.11	9	-448.93	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	-2969.07	25	3945.60	13	3898.74	27	1913.94	3	3815.84	21	32.93	3
1	1	101	Max	310.50	-2327.04	25	3945.60	13	6413.29	13	1913.93	3	2157.95	3	32.93	3
1	1	101	Min.	17.00	-5722.33	15	-1635.77	27	-5167.06	13	-2220.22	21	-3459.45	3	-32.74	21
1	1	101	Min.	310.50	-5080.29	15	-1635.77	27	-902.25	27	-2220.22	21	-2700.49	21	-32.74	21
2	2	302	Max	17.00	-6408.77	25	3411.77	13	970.21	27	3215.91	3	5280.34	21	32.93	3
2	2	302	Max	310.50	-5766.74	25	3411.77	13	8159.66	13	3215.91	3	4309.34	3	32.93	3
2	2	302	Min.	17.00	-8539.13	15	486.59	27	-1853.89	13	-3279.00	21	-5129.36	3	-32.74	21
2	2	302	Min.	310.50	-7897.10	15	486.59	27	-2398.34	27	-3279.00	21	-4343.53	21	-32.74	21
3	3	403	Max	17.00	-6412.51	27	3178.70	13	685.20	27	3157.09	3	5082.18	21	32.93	3
3	3	403	Max	310.50	-5770.47	27	3178.70	13	8157.10	13	3157.09	3	4147.13	3	32.93	3
3	3	403	Min.	17.00	-8667.83	13	628.88	27	-1172.38	13	-3167.44	21	-5118.92	3	-32.74	21
3	3	403	Min.	310.50	-8025.80	13	628.88	27	2530.96	27	-3167.44	21	-4214.27	21	-32.74	21
4	4	404	Max	17.00	-5884.16	9	2881.34	31	850.63	9	3179.71	3	5097.56	21	32.93	3
4	4	404	Max	310.50	-5242.13	9	2881.34	31	7451.75	31	3179.71	3	4230.01	3	32.93	3
4	4	404	Min.	17.00	-8135.38	31	333.59	9	-1004.98	31	-3145.17	21	-5102.44	3	-32.74	21
4	4	404	Min.	310.50	-7493.35	31	333.59	9	1829.71	9	-3145.17	21	-4133.51	21	-32.74	21
5	5	305	Max	17.00	-6392.67	11	3408.38	31	932.85	9	3265.23	1	5142.30	23	32.93	3
5	5	305	Max	310.50	-5750.64	11	3408.38	31	8120.36	31	3265.23	1	4326.06	1	32.93	3
5	5	305	Min.	17.00	-8520.37	29	489.99	9	-1883.23	31	-3223.41	23	-5257.39	1	-32.74	21
5	5	305	Min.	310.50	-7878.34	29	489.99	9	2370.95	9	-3223.41	23	-4318.41	23	-32.74	21
6	6	106	Max	17.00	-2970.73	11	3934.11	31	3880.76	9	2221.36	1	3448.93	23	32.93	3
6	6	106	Max	310.50	-2328.70	11	3934.11	31	6396.13	31	2221.36	1	2700.89	1	32.93	3
6	6	106	Min.	17.00	-5722.59	29	-1626.44	9	-5150.48	31	-1908.51	23	-3818.82	1	-32.74	21
6	6	106	Min.	310.50	-5080.56	29	-1626.44	9	-892.85	9	-1908.51	23	-2152.54	23	-32.74	21
7	7	107	Max	17.00	-4106.06	3	2881.72	13	7925.81	27	864.66	3	1446.99	21	32.93	3
7	7	107	Max	310.53	-3463.97	3	2881.72	13	2745.01	13	864.66	3	1223.52	3	32.93	3
7	7	107	Min.	17.00	-6855.90	21	-5358.97	27	-5713.74	13	-1189.04	21	-1314.51	3	-32.73	21
7	7	107	Min.	310.53	-6213.80	21	-5358.97	27	-7804.41	27	-1189.04	21	-2043.20	21	-32.73	21
8	8	-155	Max	0.00	-8270.91	15	-781.54	13	1417.12	27	1261.87	3	1169.69	21	31.91	3
8	8	-155	Max	305.50	-7602.63	15	-781.54	13	-2895.84	13	1261.86	3	2703.21	3	31.91	3
8	8	-155	Min.	0.00	-10404.90	25	-3070.76	27	-508.24	13	-1311.67	21	-1151.79	3	-31.72	21
8	8	-155	Min.	305.50	-9736.58	25	-3070.76	27	-7964.04	27	-1311.67	21	-2837.48	21	-31.72	21
8	-155	308	Max	17.50	-888.61	21	1150.11	31	522.91	9	4151.42	21	2596.71	3	77.90	3
8	-155	308	Max	17.58	-888.45	21	1150.11	31	521.83	9	4150.93	21	2594.78	3	77.90	3
8	-155	308	Min.	17.50	-1966.85	3	-1428.15	9	91.49	31	-2552.82	3	-2487.79	21	-54.39	21
8	-155	308	Min.	17.58	-1966.68	3	-1428.15	9	92.36	31	-2552.33	3	-2484.65	21	-54.39	21
9	9	-15	Max	0.00	-8532.82	31	-954.42	13	1351.12	27	1264.41	3	1149.48	21	31.91	3
9	9	-15	Max	305.50	-7864.54	31	-954.42	13	-3364.94	13	1264.41	3	2710.02	3	31.91	3
9	9	-15	Min.	0.00	-10736.00	9	-2867.05	27	-449.19	13	-1258.08	21	-1152.75	3	-31.72	21
9	9	-15	Min.	305.50	-10067.80	9	-2867.05	27	-7407.71	27	-1258.08	21	-2693.94	21	-31.72	21
9	-15	409	Max	17.50	-1121.34	21	1290.41	31	1146.08	9	3465.12	21	2372.56	1	295.07	9
9	-15	409	Max	42.09	-1067.55	21	1290.39	31	480.92	9	3465.07	21	1391.32	1	295.07	9
9	-15	409	Min.	17.50	-2111.50	3	-2705.26	9	-309.89	31	-4029.70	3	-2437.45	23	58.72	31
9	-15	409	Min.	42.09	-2057.71	3	-2705.22	9	7.40	31	-4029.64	3	-1595.03	23	58.72	31
10	10	-16	Max	0.00	-7179.00	13	-656.98	31	1281.41	9	1244.18	1	1156.42	23	31.91	3
10	10	-16	Max	305.50	-6510.72	13	-656.98	31	-2524.32	31	1244.18	1	2656.13	1	31.91	3
10	10	-16	Min.	0.00	-9382.35	27	-2567.19	9	-517.25	31	-1277.26	23	-1144.84	1	-31.72	21
10	10	-16	Min.	305.50	-8714.07	27	-2567.19	9	-6561.38	9	-1277.26	23	-2745.60	23	-31.72	21
10	-16	410	Max	17.50	-1305.90	1	1920.92	13	778.22	27	4316.96	23	2443.93	3	-3.69	13
10	-16	410	Max	42.09	-1252.12	1	1920.89	13	266.93	27	4316.89	23	1672.14	3	-3.69	13
10	-16	410	Min.	17.50	-2295.64	23	-2079.49	27	-679.26	13	-3174.36	1	-2368.28	21	-240.55	27
10	-16	410	Min.	42.09	-2241.85	23	-2079.46	27	-206.96	13	-3174.31	1	-1315.56	21	-240.55	27
11	11	-7	Max	0.00	-8190.82	29	-758.62	31	1409.44	9	1309.38	1	1151.08	23	31.91	3
11	11	-7	Max	305.50	-7522.54	29	-758.62	31	-2829.41	31	1309.38	1	2830.73	1	31.91	3
11	11	-7	Min.	0.00	-10322.80	11	-3042.53	9	-511.82	31	-1263.08	23	-1169.42	1	-31.72	21
11	11	-7	Min.	305.50	-9654.47	11	-3042.53	9	-7885.48	9	-1263.08	23	-2707.62	23	-31.72	21
11	-7	311	Max	17.50	-803.42	1	948.79	13	598.45	27	2233.12	23	2424.93	1	-11.35	1
11	-7	311	Max	17.58	-803.25	1	948.79	13	597.21	27	2233.10	23	2421.56	1	-11.35	1
11	-7	311	Min.	17.50	-1881.07	23	-1631.92	27	166.59	13	-4468.05	1	-2657.20	23	-142.51	23
11	-7	311	Min.	17.58	-1880.90	23	-1631.92	27	167.31	13	-4468.03	1	-2655.52	23	-142.51	23
12	12	112	Max	17.00	-4112.86	23	2865.02	31	7906.46	9	1190.10	1	1311.54	23	32.93	3
12	12	112	Max	310.53	-3470.76	23	2865.02	31	2724.35	31	1190.10	1	2045.04	1	32.93	3
12	12	112	Min.	17.00	-6860.73	1	-5346.64	9	-5685.35	31	-862.55	23	-1448.28	1	-32.73	21
12	12	112	Min.	310.53	-6218.63	1	-5346.64	9	-7787.56	9	-862.55	23	-1220.30	23	-32.73	21
13	13	113	Max	17.00	-1158.22	3	2077.66	13	3425.17	27	618.36	1	965.64	23	15.82	3
13	13	113	Max	310.53	-699.58	3	2077.66	13	2873.48	13	618.36	1	959.69	1	15.82	3
13	13	113	Min.	17.00	-2506.01	21	-2138.98	27	-3225.09	13	-914.26	23	-855.37	1	-15.73	21
13	13	113	Min.	310.53	-2047.37	21	-2138.98	27	-2853.40	27	-914.26	23	-1717.98	23	-15.73	21
14	14	314	Max	0.00	-2366.19	27	665.18	13	697.11	27	857.68	1	901.50	23	-0.91	1
14	14	314	Max	340.58	-1834.05	27	665.18	13	1405.58	13	857.68	1	1965.03	1	-0.91	1
14	14	314	Min.	0.00	-3484.75	13	-491.98	27	-859.86	13	-749.74	23	-956.03	1	-32.06	23
14	14	314	Min.	340.58	-2952.60	13	-491.98	27	-978.45	27	-749.74	23	-1651.92	23	-32.06	23
15	15	415	Max	0.00	-2490.91	27	641.05	13	610.69	27	592.53	1	879.33			

16	16	416	Min.	365.09	-3082.54	31	-402.63	9	-843.32	9	-592.58	21	-1361.63	21	-9.05	27
17	17	317	Max	0.00	-2363.54	9	663.68	31	696.70	9	750.77	3	954.99	21	29.59	3
17	17	317	Max	340.58	-1831.39	9	663.68	31	1403.22	31	750.77	3	1654.32	3	29.59	3
17	17	317	Min.	0.00	-3479.94	31	-491.11	9	-857.11	31	-856.71	21	-902.62	3	-1.86	21
17	17	317	Min.	340.58	-2947.79	31	-491.11	9	-975.90	9	-856.71	21	-1962.74	21	-1.86	21
18	18	118	Max	17.00	-1160.60	23	2068.77	31	3415.78	9	915.73	3	854.10	21	15.82	3
18	18	118	Max	310.53	-701.96	23	2068.77	31	2861.37	31	915.73	3	1720.87	3	15.82	3
18	18	118	Min.	17.00	-2507.99	1	-2133.01	9	-3211.11	31	-616.94	21	-967.07	3	-15.73	21
18	18	118	Min.	310.53	-2049.35	1	-2133.01	9	-2845.26	9	-616.94	21	-956.80	21	-15.73	21
19	19	119	Max	17.00	-1698.70	3	1969.61	13	3016.85	27	591.99	17	992.82	7	15.82	3
19	19	119	Max	310.53	-1240.06	3	1969.61	13	2650.37	13	591.99	17	891.65	17	15.82	3
19	19	119	Min.	17.00	-3199.95	21	-1868.54	27	-3131.04	13	-951.37	7	-846.03	17	-15.73	21
19	19	119	Min.	310.53	-2741.30	21	-1868.54	27	-2467.90	27	-951.37	7	-1799.74	7	-15.73	21
20	20	320	Max	0.00	-3033.77	15	798.24	13	760.93	27	868.13	17	892.90	7	-2.64	1
20	20	320	Max	340.58	-2501.62	15	798.24	13	1787.01	13	868.13	17	1997.31	17	-2.64	1
20	20	320	Min.	0.00	-3744.09	25	-610.00	27	-931.60	13	-736.35	7	-959.35	17	-31.32	23
20	20	320	Min.	340.58	-3211.94	25	-610.00	27	-1316.60	27	-736.35	7	-1614.93	7	-31.32	23
21	21	421	Max	0.00	-3299.14	15	756.43	13	675.95	27	561.61	19	889.75	5	14.47	9
21	21	421	Max	365.09	-2728.69	15	756.43	13	1812.09	13	561.61	19	1268.90	19	14.47	9
21	21	421	Min.	0.00	-4073.52	25	-498.04	27	-949.54	13	-733.90	5	-781.47	19	-30.79	31
21	21	421	Min.	365.09	-3503.07	25	-498.04	27	-1142.32	27	-733.90	5	-1789.63	5	-30.79	31
22	22	422	Max	0.00	-3304.56	29	743.01	31	691.98	9	734.50	17	781.18	7	33.44	13
22	22	422	Max	365.09	-2734.11	29	743.01	31	1780.36	31	734.49	17	1790.94	17	33.44	13
22	22	422	Min.	0.00	-4078.23	11	-510.52	9	-932.29	31	-561.46	7	-890.61	17	-12.61	27
22	22	422	Min.	365.09	-3507.78	11	-510.52	9	-1171.85	9	-561.46	7	-1268.63	7	-12.61	27
23	23	323	Max	0.00	-3033.94	29	795.56	31	761.09	9	737.14	19	958.08	7	28.56	3
23	23	323	Max	340.58	-2501.79	29	795.56	31	1781.43	31	737.14	19	1616.96	19	28.56	3
23	23	323	Min.	0.00	-3742.72	11	-609.87	9	-928.04	31	-866.76	5	-893.62	17	-0.39	21
23	23	323	Min.	340.58	-3210.57	11	-609.87	9	-1315.99	9	-866.76	5	-1993.95	5	-0.39	21
24	24	124	Max	17.00	-1700.73	23	1961.30	31	3008.43	9	952.39	19	844.58	5	15.82	3
24	24	124	Max	310.53	-1242.09	23	1961.30	31	2639.06	31	952.39	19	1802.10	19	15.82	3
24	24	124	Min.	17.00	-3201.56	1	-1863.39	9	-3117.95	31	-590.33	5	-993.47	19	-15.73	21
24	24	124	Min.	310.53	-2742.92	1	-1863.39	9	-2461.19	9	-590.33	5	-888.21	5	-15.73	21
25	25	125	Max	17.00	-2028.85	17	1834.96	13	3040.52	27	672.77	17	1326.02	7	15.82	3
25	25	125	Max	310.53	-1570.21	17	1834.96	13	2408.71	13	672.77	17	890.18	17	15.82	3
25	25	125	Min.	17.00	-3489.81	7	-1861.86	27	-2977.45	13	-1105.67	7	-1084.61	17	-15.73	21
25	25	125	Min.	310.53	-3031.17	7	-1861.86	27	-2424.60	27	-1105.67	7	-1919.48	7	-15.73	21
26	26	326	Max	0.00	-3668.84	5	741.23	13	762.45	27	878.46	17	893.34	7	-3.52	1
26	26	326	Max	340.58	-3136.69	5	741.23	13	1622.28	13	878.46	17	2025.97	17	-3.52	1
26	26	326	Min.	0.00	-4036.37	19	-611.57	27	-902.18	13	-733.29	7	-965.86	17	-32.98	23
26	26	326	Min.	340.58	-3504.22	19	-611.57	27	-1320.41	27	-733.29	7	-1604.06	7	-32.98	23
27	27	427	Max	0.00	-4041.04	5	708.34	13	683.18	27	545.86	17	900.95	7	14.09	9
27	27	427	Max	365.09	-3470.59	5	708.34	13	1663.79	13	545.86	17	1219.78	17	14.09	9
27	27	427	Min.	0.00	-4491.08	19	-507.24	27	-922.27	13	-748.94	7	-773.08	17	-31.58	31
27	27	427	Min.	365.09	-3920.63	19	-507.24	27	-1168.69	27	-748.94	7	-1833.34	7	-31.58	31
28	28	428	Max	0.00	-4039.38	17	695.76	31	698.31	9	748.64	19	771.93	5	34.44	13
28	28	428	Max	365.09	-3468.93	17	695.76	31	1634.18	31	748.64	19	1832.62	19	34.44	13
28	28	428	Min.	0.00	-4489.64	7	-518.93	9	-905.95	31	-544.99	5	-900.59	19	-12.02	27
28	28	428	Min.	365.09	-3919.19	7	-518.93	9	-1196.24	9	-544.99	5	-1217.77	5	-12.02	27
29	29	329	Max	0.00	-3665.92	17	738.45	31	762.88	9	734.23	17	965.19	7	29.91	3
29	29	329	Max	340.58	-3133.77	17	738.45	31	1616.56	31	734.24	17	1606.60	17	29.91	3
29	29	329	Min.	0.00	-4033.32	7	-611.64	9	-898.42	31	-877.80	7	-894.02	17	0.17	21
29	29	329	Min.	340.58	-3501.17	7	-611.64	9	-1320.22	9	-877.80	7	-2024.37	7	0.17	21
30	30	130	Max	17.00	-2031.73	5	1827.06	31	3032.09	9	1105.96	19	1082.39	5	15.82	3
30	30	130	Max	310.53	-1573.09	5	1827.06	31	2398.28	31	1105.96	19	1921.30	17	15.82	3
30	30	130	Min.	17.00	-3491.36	19	-1856.63	9	-2964.71	31	-670.61	5	-1325.52	19	-15.73	21
30	30	130	Min.	310.53	-3032.72	19	-1856.63	9	-2417.69	9	-670.61	5	-886.54	7	-15.73	21
31	31	231	Max	17.00	-907.29	19	965.40	13	2450.47	27	1270.72	17	2725.70	7	15.82	3
31	31	231	Max	310.53	-448.65	19	965.40	13	982.85	13	1270.72	17	1417.15	17	15.82	3
31	31	231	Min.	17.00	-2516.30	5	-1486.72	27	-1850.90	13	-1673.64	7	-2312.80	17	-15.73	21
31	31	231	Min.	310.53	-2057.66	5	-1486.72	27	-1913.51	27	-1673.64	7	-2186.93	7	-15.73	21
32	32	332	Max	17.00	-1945.99	13	521.66	13	1124.29	27	1850.72	17	2975.87	7	-0.50	3
32	32	332	Max	340.58	-1440.40	13	521.66	13	664.04	13	1850.72	17	2871.51	17	-0.50	3
32	32	332	Min.	17.00	-2692.55	27	-798.78	27	-1023.92	13	-1705.75	7	-3116.96	17	-32.27	21
32	32	332	Min.	340.58	-2186.96	27	-798.78	27	-1460.37	27	-1705.75	7	-2543.51	7	-32.27	21
33	33	433	Max	17.00	-2000.19	15	447.82	13	915.66	27	1386.94	19	2603.88	5	20.25	9
33	33	433	Max	365.09	-1456.30	15	447.81	13	622.62	13	1386.93	19	2200.28	19	20.25	9
33	33	433	Min.	17.00	-2889.07	25	-690.47	27	-936.18	13	-1446.70	5	-2627.47	19	-18.11	31
33	33	433	Min.	365.09	-2345.19	25	-690.47	27	-1487.78	27	-1446.70	5	-2431.91	5	-18.11	31
34	34	434	Max	17.00	-2007.11	29	430.32	31	947.17	9	1448.78	17	2631.27	7	21.32	13
34	34	434	Max	365.09	-1463.22	29	430.32	31	594.69	31	1448.78	17	2435.27	17	21.32	13
34	34	434	Min.	17.00	-2893.81	11	-707.14	9	-903.21	31	-1389.01	7	-2607.76	17	-17.87	27
34	34	434	Min.	365.09	-2349.92	11	-707.14	9	-1514.29	9	-1389.01	7	-2203.71	7	-17.87	27
35	35	335	Max	17.00	-1946.02	31	519.61	31	1121.97	9	1703.73	19	3111.60	5	28.05	1
35	35	335	Max	340.58	-1440.43	31	519.61	31	660.44	31	1703.73	19	2540.62	19	28.05	1
35	35	335	Min.	17.00	-2691.83	9	-797.80	9	-1020.90	31	-1847.46	5	-2972.23	19	-3.40	23
35	35	335	Min.	340.58	-2186.24	9	-797.80	9	-1459.53	9	-1847.46	5	-2866.33	5	-3.40	23
36	36	136	Max	17.00	-908.16	7	961.00	31	2442.05	9	1671.96	19	2308.35	5	15.82	3
36	36	136	Max	310.53	-449.52	7	961.00	31	978.25	31	1671.96	19	2185.41	19	15.82	3
36	36	136	Min.	17.00	-2517.82	17	-1481.66	9	-1842.59	31	-1267.80	5	-2722.29	19	-15.73	21
36	36	136	Min.	310.53	-2059.18	17	-1481.66	9	-1907.07	9	-1267.80	5	-1413.03	5	-15.73	21
101	101	302	Max	12.50	0.00	5	0.00	1	0.00	1	1456.97	21	2237.99	3	-97.02	27
101																

101	302	403	Min.	337.50	0.00	5	0.00	1	0.00	1	-1629.29	1	-2400.29	3	-36.34	13
101	403	-8	Max	12.50	0.00	7	0.00	9	0.00	13	1230.05	21	1716.94	3	45.50	21
101	403	-8	Max	16.29											457.32	13
101	403	-8	Max	220.50	0.00	7	0.00	9	0.00	13	905.05	21	131.36	15	45.50	21
101	403	-8	Min.	12.50	0.00	17	0.00	13	0.00	9	-600.06	3	-2090.13	21	26.25	3
101	403	-8	Min.	79.02											286.22	25
101	403	-8	Min.	220.50	0.00	17	0.00	13	0.00	9	-925.06	3	129.84	9	26.25	3
101	-8	404	Max	0.00	0.00	7	0.00	13	0.00	13	905.05	21	131.36	13	45.50	21
101	-8	404	Max	191.46											416.21	27
101	-8	404	Max	208.00	0.00	7	0.00	13	0.00	13	580.05	21	1674.88	21	45.50	21
101	-8	404	Min.	0.00	0.00	17	0.00	9	0.00	9	-925.06	3	129.84	27	26.25	3
101	-8	404	Min.	128.67											260.71	15
101	-8	404	Min.	208.00	0.00	17	0.00	9	0.00	9	-1250.06	3	-2131.29	3	26.25	3
101	404	305	Max	12.50	0.00	1	0.00	9	0.00	13	1642.06	21	2078.89	3	-6.14	31
101	404	305	Max	337.50	0.00	1	0.00	9	0.00	9	1134.25	21	2088.98	21	-6.14	31
101	404	305	Min.	12.50	0.00	5	0.00	13	0.00	9	-1108.82	3	-2422.53	21	-53.30	9
101	404	305	Min.	337.50	0.00	5	0.00	13	0.00	13	-1616.63	3	-2349.96	3	-53.30	9
101	305	106	Max	12.50	0.00	1	0.00	1	0.00	1	1414.66	23	1944.63	1	213.84	31
101	305	106	Max	387.65											426.32	15
101	305	106	Max	416.50	0.00	1	0.00	1	0.00	1	783.41	23	2233.01	23	213.84	31
101	305	106	Min.	12.50	0.00	5	0.00	1	0.00	1	-826.20	1	-2207.11	23	94.60	9
101	305	106	Min.	61.45											289.37	29
101	305	106	Min.	416.50	0.00	5	0.00	1	0.00	1	-1457.45	1	-2668.33	1	94.60	9
107	101	-120	Max	17.50	0.00	15	0.00	5	0.00	1	4353.18	13	1554.95	27	126.55	21
107	101	-120	Max	105.83	0.00	15	0.00	5	0.00	5	3402.05	13	2824.36	27	126.55	21
107	101	-120	Min.	17.50	0.00	25	0.00	1	0.00	5	1912.64	27	-5911.05	13	-62.16	3
107	101	-120	Min.	105.83	0.00	25	0.00	1	0.00	1	961.51	27	-2485.82	13	-62.16	3
107	-120	-121	Max	0.00	0.00	29	0.00	5	0.00	1	3402.05	13	2824.36	27	126.55	21
107	-120	-121	Max	89.30											3253.66	27
107	-120	-121	Max	122.83	0.00	29	0.00	5	0.00	5	2079.44	13	3193.11	27	126.55	21
107	-120	-121	Min.	0.00	0.00	11	0.00	1	0.00	1	961.51	27	-2485.82	13	-62.16	3
107	-120	-121	Min.	107.93											3004.52	9
107	-120	-121	Min.	122.83	0.00	11	0.00	1	0.00	1	-361.10	27	880.73	13	-62.16	3
107	-121	-122	Max	0.00	0.00	11	0.00	1	0.00	5	2079.44	13	3193.11	27	126.55	21
107	-121	-122	Max	33.02											2585.26	21
107	-121	-122	Max	105.83	0.00	11	0.00	1	0.00	5	939.88	13	2479.58	15	126.55	21
107	-121	-122	Min.	0.00	0.00	29	0.00	5	0.00	1	-361.10	27	880.74	13	-62.16	3
107	-121	-122	Min.	95.42											2383.26	23
107	-121	-122	Min.	105.83	0.00	29	0.00	5	0.00	1	-1500.66	27	2206.81	25	-62.16	3
107	-122	-123	Max	0.00	0.00	11	0.00	5	0.00	1	939.88	13	2479.58	15	126.55	21
107	-122	-123	Max	87.29											2888.67	13
107	-122	-123	Max	105.83	0.00	11	0.00	5	0.00	5	-199.68	13	2870.15	13	126.55	21
107	-122	-123	Min.	0.00	0.00	29	0.00	1	0.00	5	-1500.66	27	2206.81	25	-62.16	3
107	-122	-123	Min.	7.47											2376.71	19
107	-122	-123	Min.	105.83	0.00	29	0.00	1	0.00	1	-2640.22	27	16.71	27	-62.16	3
107	-123	-124	Max	0.00	0.00	9	0.00	1	0.00	5	-199.67	13	2870.15	13	126.55	21
107	-123	-124	Max	105.83	0.00	9	0.00	1	0.00	5	-1339.23	13	2055.81	13	126.55	21
107	-123	-124	Min.	0.00	0.00	31	0.00	1	0.00	1	-2640.22	27	16.72	27	-62.16	3
107	-123	-124	Min.	105.83	0.00	31	0.00	1	0.00	1	-3779.78	27	-3380.53	27	-62.16	3
107	-124	107	Max	0.00	0.00	9	0.00	5	0.00	1	-1339.24	13	2055.81	13	126.55	21
107	-124	107	Max	71.33	0.00	9	0.00	5	0.00	5	-2107.32	13	826.53	13	126.55	21
107	-124	107	Min.	0.00	0.00	31	0.00	1	0.00	5	-3779.79	27	-3380.55	27	-62.16	3
107	-124	107	Min.	71.33	0.00	31	0.00	1	0.00	1	-4547.87	27	-6350.75	27	-62.16	3
110	302	-115	Max	17.50	0.00	25	0.00	5	0.00	1	6885.45	13	-1678.23	27	147.81	23
110	302	-115	Max	105.83	0.00	25	0.00	5	0.00	5	5315.99	13	1980.58	27	147.81	23
110	302	-115	Min.	17.50	0.00	15	0.00	1	0.00	5	4926.78	27	-7534.78	13	-119.97	1
110	302	-115	Min.	105.83	0.00	15	0.00	1	0.00	1	3357.31	27	-2145.81	13	-119.97	1
110	-115	-116	Max	0.00	0.00	15	0.00	5	0.00	1	5315.99	13	1980.58	27	147.81	23
110	-115	-116	Max	122.83	0.00	15	0.00	5	0.00	5	3133.55	13	4764.10	27	147.81	23
110	-115	-116	Min.	0.00	0.00	25	0.00	1	0.00	5	3357.31	27	-2145.81	13	-119.97	1
110	-115	-116	Min.	122.83	0.00	25	0.00	1	0.00	1	1174.87	27	3043.62	13	-119.97	1
110	-116	-117	Max	0.00	0.00	9	0.00	17	0.00	5	3133.54	13	4764.10	27	147.81	23
110	-116	-117	Max	66.12											5152.54	27
110	-116	-117	Max	105.83	0.00	9	0.00	17	0.00	21	1253.15	13	5364.92	13	147.81	23
110	-116	-117	Min.	0.00	0.00	31	0.00	5	0.00	1	1174.87	27	3043.63	13	-119.97	1
110	-116	-117	Min.	71.00											5120.26	9
110	-116	-117	Min.	105.83	0.00	31	0.00	5	0.00	1	-705.53	27	5012.46	27	-119.97	1
110	-117	-118	Max	0.00	0.00	9	0.00	5	0.00	1	553.16	13	5364.92	13	147.81	23
110	-117	-118	Max	31.13											5451.02	13
110	-117	-118	Max	105.83	0.00	9	0.00	5	0.00	5	-1327.24	13	4955.30	13	147.81	23
110	-117	-118	Min.	0.00	0.00	31	0.00	1	0.00	5	-1405.52	27	5012.46	27	-119.97	1
110	-117	-118	Min.	26.25											5426.12	31
110	-117	-118	Min.	105.83	0.00	31	0.00	1	0.00	1	-3285.92	27	2529.91	27	-119.97	1
110	-118	-119	Max	0.00	0.00	15	0.00	1	0.00	5	-2027.23	13	4955.30	13	147.81	23
110	-118	-119	Max	105.83	0.00	15	0.00	1	0.00	5	-3907.63	13	1814.77	13	147.81	23
110	-118	-119	Min.	0.00	0.00	25	0.00	17	0.00	1	-3985.91	27	2529.92	27	-119.97	1
110	-118	-119	Min.	105.83	0.00	25	0.00	17	0.00	17	-5866.30	27	-2683.55	27	-119.97	1
110	-119	-155	Max	0.00	0.00	9	0.00	21	0.00	1	-4607.64	13	1814.75	13	147.81	23
110	-119	-155	Max	71.33	0.00	9	0.00	21	0.00	21	-5875.05	13	-1924.08	13	147.81	23
110	-119	-155	Min.	0.00	0.00	31	0.00	1	0.00	5	-6566.32	27	-2683.59	27	-119.97	1
110	-119	-155	Min.	71.33	0.00	31	0.00	1	0.00	1	-7833.73	27	-7819.60	27	-119.97	1
112	403	-95	Max	17.50	0.00	29	0.00	5	0.00	17	6925.84	13	-1743.63	27	129.43	21
112	403	-95	Max	105.83	0.00	29	0.00	5	0.00	21	5335.17	13	1941.42	27	129.43	21
112	403	-95	Min.	17.50	0.00	11	0.00	1	0.00	5	4967.08	27	-7380.64	13	-146.16	3
112	403	-95	Min.	105.83	0.00	11	0.00	1	0.00	1	3376.42	27	-1965.36	13	-146.16	3
112	-95	-96	Max	0.00	0.00	27	0.00	5	0.00	1	5335.18	13	1941.42	27	129.43	21
112	-95	-96	Max	122.83	0.00	27	0.00	5	0.00	5	3123.25	13	4730.30	27	129.43	21
112	-95	-96	Min.	0.00	0.00	13	0.00	17	0.00	5	3376.42	27	-1965.36	13	-146.16	3
112	-95	-96	Min.	122.83	0.00	13	0.00	17	0.00	17	1164.50	27	3229.52	13	-146.16	3
112	-96	-97	Max	0.00	0.00	15	0.00	17	0.00	5	3123.25	1				

119	-111	-112	Min.	105.83	0.00	31	0.00	5	0.00	1	-1496.92	9	2206.34	11	-126.82	1
119	-112	-113	Max	0.00	0.00	9	0.00	5	0.00	1	934.93	31	2478.31	29	61.39	23
119	-112	-113	Max	86.83									2883.09	31		
119	-112	-113	Max	105.83	0.00	9	0.00	5	0.00	5	-204.63	31	2863.64	31	61.39	23
119	-112	-113	Min.	0.00	0.00	31	0.00	1	0.00	5	-1496.92	9	2206.34	11	-126.82	1
119	-112	-113	Min.	7.29									2375.58	7		
119	-112	-113	Min.	105.83	0.00	31	0.00	1	0.00	1	-2636.48	9	20.20	9	-126.82	1
119	-113	-114	Max	0.00	0.00	27	0.00	1	0.00	5	-204.62	31	2863.65	31	61.39	23
119	-113	-114	Max	105.83	0.00	27	0.00	1	0.00	5	-1344.18	31	2044.07	31	61.39	23
119	-113	-114	Min.	0.00	0.00	13	0.00	1	0.00	1	-2636.47	9	20.21	9	-126.82	1
119	-113	-114	Min.	105.83	0.00	13	0.00	1	0.00	1	-3776.03	9	-3373.08	9	-126.82	1
119	-114	112	Max	0.00	0.00	29	0.00	5	0.00	1	-1344.19	31	2044.06	31	61.39	23
119	-114	112	Max	71.33	0.00	29	0.00	5	0.00	5	-2112.27	31	811.25	31	61.39	23
119	-114	112	Min.	0.00	0.00	11	0.00	1	0.00	5	-3776.04	9	-3373.10	9	-126.82	1
119	-114	112	Min.	71.33	0.00	11	0.00	1	0.00	1	-4544.12	9	-6340.63	9	-126.82	1
207	107	113	Max	17.50	0.00	13	0.00	1	0.00	1	1450.64	13	1034.56	27	67.09	23
207	107	113	Max	366.47									157.70	23		
207	107	113	Max	397.50	0.00	13	0.00	1	0.00	1	677.37	13	1460.15	13	67.09	23
207	107	113	Min.	17.50	0.00	11	0.00	1	0.00	1	-326.56	27	-2583.06	13	-38.64	1
207	107	113	Min.	220.93									-46.11	1		
207	107	113	Min.	397.50	0.00	11	0.00	1	0.00	1	-1099.83	27	-1675.59	27	-38.64	1
207	113	119	Max	12.50	0.00	21	0.00	1	0.00	1	1066.33	13	1266.82	27	23.53	21
207	113	119	Max	29.63									424.70	21		
207	113	119	Max	397.50	0.00	21	0.00	1	0.00	1	282.90	13	1094.97	13	23.53	21
207	113	119	Min.	12.50	0.00	1	0.00	1	0.00	1	-418.10	27	-1502.30	13	-1.18	3
207	113	119	Min.	232.45									143.97	23		
207	113	119	Min.	397.50	0.00	1	0.00	1	0.00	1	-1201.54	27	-1850.98	27	-1.18	3
207	119	125	Max	12.50	0.00	1	0.00	1	0.00	1	961.63	13	647.22	27	15.21	17
207	119	125	Max	87.39									704.29	27		
207	119	125	Max	577.50	0.00	1	0.00	1	0.00	1	-188.10	13	584.29	13	15.21	17
207	119	125	Min.	12.50	0.00	17	0.00	1	0.00	1	152.40	27	-1600.93	13	-6.87	7
207	119	125	Min.	318.84									291.52	23		
207	119	125	Min.	577.50	0.00	17	0.00	1	0.00	1	-997.32	27	-1739.68	27	-6.87	7
207	125	231	Max	12.50	0.00	1	0.00	1	0.00	1	1107.64	13	727.12	27	14.14	19
207	125	231	Max	556.82									1119.24	13		
207	125	231	Max	577.50	0.00	1	0.00	1	0.00	1	-42.08	13	1114.89	13	14.14	19
207	125	231	Min.	12.50	0.00	21	0.00	1	0.00	1	115.00	27	-1895.32	13	-55.20	5
207	125	231	Min.	266.75									320.68	1		
207	125	231	Min.	577.50	0.00	1	0.00	1	0.00	1	-1034.72	27	-1871.11	27	-55.20	5
219	112	118	Max	17.50	0.00	9	0.00	1	0.00	1	1444.80	31	1031.59	9	38.45	21
219	112	118	Max	366.32									155.74	3		
219	112	118	Max	397.50	-0.00	9	0.00	1	0.00	1	675.25	31	1454.41	31	38.45	21
219	112	118	Min.	17.50	0.00	13	0.00	1	0.00	1	-326.35	9	-2573.70	31	-67.50	3
219	112	118	Min.	220.97									-46.60	21		
219	112	118	Min.	397.50	-0.00	13	0.00	1	0.00	1	-1095.89	9	-1670.66	9	-67.50	3
219	118	124	Max	12.50	0.00	21	0.00	1	0.00	1	1061.60	31	1263.98	9	0.96	23
219	118	124	Max	29.00									424.94	1		
219	118	124	Max	397.50	0.00	21	0.00	1	0.00	1	281.92	31	1090.57	31	0.96	23
219	118	124	Min.	12.50	0.00	1	0.00	1	0.00	1	-417.76	9	-1495.69	31	-23.55	1
219	118	124	Min.	232.05									143.12	3		
219	118	124	Min.	397.50	0.00	1	0.00	1	0.00	1	-1197.44	9	-1845.28	9	-23.55	1
219	124	130	Max	12.50	0.00	29	0.00	1	0.00	1	957.33	31	646.41	9	6.69	19
219	124	130	Max	86.98									702.57	9		
219	124	130	Max	577.50	0.00	29	0.00	1	0.00	1	-186.87	31	582.40	31	6.69	19
219	124	130	Min.	12.50	0.00	9	0.00	1	0.00	1	150.83	9	-1594.13	31	-15.20	5
219	124	130	Min.	318.66									290.00	3		
219	124	130	Min.	577.50	0.00	9	0.00	1	0.00	1	-993.37	9	-1733.78	9	-15.20	5
219	130	136	Max	12.50	0.00	27	0.00	1	0.00	1	1102.58	31	726.27	9	55.39	17
219	130	136	Max	556.95									1114.63	31		
219	130	136	Max	577.50	0.00	27	0.00	1	0.00	1	-41.62	31	1110.36	31	55.39	17
219	130	136	Min.	12.50	0.00	13	0.00	1	0.00	1	113.48	9	-1886.85	31	-14.21	7
219	130	136	Min.	266.62									319.23	21		
219	130	136	Min.	577.50	0.00	13	0.00	1	0.00	1	-1030.72	9	-1864.95	9	-14.21	7
302	107	-133	Max	12.47	5204.04	3	112.26	31	37.49	9	1266.41	21	1337.17	3	224.30	27
302	107	-133	Max	145.35	5218.55	3	112.26	31	-12.38	13	1059.29	21	965.76	3	224.30	27
302	107	-133	Min.	12.47	-9055.70	21	-111.84	9	-163.40	31	-175.93	3	-2094.82	21	165.78	13
302	107	-133	Min.	145.35	-9041.19	21	-111.84	9	-112.97	27	-383.05	3	-549.56	21	165.78	13
302	-133	-134	Max	0.00	5236.67	3	83.43	29	-19.21	13	845.61	21	965.66	3	224.18	27
302	-133	-134	Max	142.35	5252.21	3	83.43	29	98.13	29	623.74	21	496.05	21	224.18	27
302	-133	-134	Min.	0.00	-9024.46	21	44.01	11	-114.63	27	-596.62	3	-549.75	21	165.30	13
302	-133	-134	Min.	142.35	-9008.92	21	44.01	11	-50.56	11	-818.50	3	-41.53	3	165.30	13
302	-134	308	Max	0.00	5270.20	3	171.47	9	94.79	29	412.13	21	495.49	21	223.72	27
302	-134	308	Max	129.88	5284.38	3	171.47	9	166.00	9	209.69	21	899.30	21	223.72	27
302	-134	308	Min.	0.00	-8991.43	21	-152.76	31	-57.14	11	-1030.07	3	-41.86	3	165.07	13
302	-134	308	Min.	129.88	-8977.26	21	-152.76	31	-104.05	31	-1232.51	3	-1511.15	3	165.07	13
302	308	-148	Max	12.47	2714.00	3	123.14	29	102.25	11	787.96	23	562.61	1	35.27	31
302	308	-148	Max	159.41					-44.35	9			218.79	9		
302	308	-148	Max	175.93	2731.85	3	123.14	29	75.93	29	533.18	23	269.54	1	35.27	31
302	308	-148	Min.	12.47	-4837.40	21	-99.94	11	-125.35	29	-51.90	1	-975.47	23	-52.65	9
302	308	-148	Min.	168.59					65.29	13			208.96	13		
302	308	-148	Min.	175.93	-4819.56	21	-99.94	11	-61.11	11	-306.68	1	104.30	23	-52.65	9
302	-148	409	Max	0.00	2753.33	3	111.46	9	70.86	31	277.52	23	269.50	1	34.95	31
302	-148	409	Max	162.46	2771.06	3	111.46	9	119.98	25	24.30	23	349.50	23	34.95	31
302	-148	409	Min.	0.00	-4800.74	21	-55.36	31	-62.65	9	-562.24	1	104.34	23	-52.80	9
302	-148	409	Min.	162.46	-4783.01	21	-55.36	31	-20.63	15	-815.46	1	-849.59	1	-52.80	9
302	409	-9	Max	12.47	-1179.14	13	28.73	29	428.36	11	675.37	23	49.14	1	-32.96	31
302	409	-9	Max	210.15					-91.30	3			346.32	3		
302	409	-9	Max	221.04	-1156.37	13	28.73	29	46.19	29	350.28	23	348.76	29	-32.96	31
302	409	-9	Min.	12.47	-1498.80	27	-416.93	11	-13.73	29	301.53	1	-736.53	23	-73.86	9
302	409	-9	Min.	211.51					-220.76	17			340.10	17		

302	409	-9	Min.	221.04	-1476.03	27	-416.93	11	-441.24	11	-23.56	1	323.33	11	-73.86	9
302	-9	410	Max	0.00	-1187.62	31	330.99	25	93.93	15	-79.45	21	362.74	15	-8.46	27
302	-9	410	Max	208.57	-1210.38	31	330.99	25	296.76	25	-404.54	21	-151.76	21	-8.46	27
302	-9	410	Min.	0.00	-1507.18	9	-114.90	15	-393.58	25	-453.45	3	337.28	25	-49.70	13
302	-9	410	Min.	208.57	-1529.95	9	-114.90	15	-145.72	15	-778.55	3	-937.76	3	-49.70	13
302	410	-150	Max	12.47	3031.60	23	87.97	13	61.47	11	876.78	21	253.06	3	101.18	27
302	410	-150	Max	36.01					-31.56	3			257.38	3		
302	410	-150	Max	174.93	3013.86	23	87.97	13	65.31	13	623.56	21	272.21	21	101.18	27
302	410	-150	Min.	12.47	-4518.93	1	-79.07	27	-79.15	29	36.69	3	-946.51	21	12.84	13
302	410	-150	Min.	50.93					-6.83	17			232.92	17		
302	410	-150	Min.	174.93	-4536.66	1	-79.07	27	-68.53	27	-216.53	3	106.98	3	12.84	13
302	-150	311	Max	0.00	2993.67	23	150.53	25	67.78	15	367.92	21	272.12	21	101.21	27
302	-150	311	Max	56.05					14.29	27			243.81	27		
302	-150	311	Max	163.46	2975.82	23	150.53	25	176.47	25	113.13	21	665.29	21	101.21	27
302	-150	311	Min.	0.00	-4554.19	1	-73.21	15	-69.58	25	-472.28	3	106.81	3	12.71	13
302	-150	311	Min.	34.23					42.72	15			216.51	15		
302	-150	311	Min.	163.46	-4572.03	1	-73.21	15	-51.89	15	-727.07	3	-873.42	3	12.71	13
302	311	-153	Max	12.47	5228.92	23	152.66	13	163.30	27	1227.60	23	904.86	1	-161.16	31
302	311	-153	Max	145.35	5214.41	23	152.66	13	99.40	15	1020.48	23	483.00	1	-161.16	31
302	311	-153	Min.	12.47	-9026.03	1	-165.15	27	-103.88	13	-213.90	1	-1504.43	23	-219.02	9
302	311	-153	Min.	145.35	-9040.54	1	-165.15	27	-56.59	25	-421.03	1	-10.74	23	-219.02	9
302	-153	-154	Max	0.00	5196.32	23	-42.14	25	102.73	15	806.90	23	483.55	1	-161.39	31
302	-153	-154	Max	142.35	5180.78	23	-42.14	25	-21.86	31	585.03	23	980.26	23	-161.39	31
302	-153	-154	Min.	0.00	-9058.11	1	-88.61	15	-50.18	25	-634.63	1	-10.43	23	-219.48	9
302	-153	-154	Min.	142.35	-9073.64	1	-88.61	15	-111.70	9	-856.50	1	-577.74	1	-219.48	9
302	-154	112	Max	0.00	5162.81	23	111.38	27	-15.01	31	373.45	23	980.36	23	-161.87	31
302	-154	112	Max	129.88	5148.64	23	111.38	27	36.50	27	171.01	23	1333.93	23	-161.87	31
302	-154	112	Min.	0.00	-9090.22	1	-113.70	13	-110.11	9	-1068.17	1	-577.57	1	-219.59	9
302	-154	112	Min.	129.88	-9104.40	1	-113.70	13	-164.63	13	-1270.61	1	-2096.36	1	-219.59	9
303	113	-131	Max	12.47	-319.57	17	311.99	13	22.29	11	1252.93	23	1088.14	1	25.12	31
303	113	-131	Max	66.70					-97.27	1			1111.07	1		
303	113	-131	Max	145.35	-305.07	17	311.99	13	34.59	13	1045.80	23	1062.85	1	25.12	31
303	113	-131	Min.	12.47	-2004.81	7	-110.54	27	-381.48	29	84.53	1	-1720.24	23	-16.11	9
303	113	-131	Min.	75.03					-137.92	19			1091.78	19		
303	113	-131	Min.	145.35	-1990.30	7	-110.54	27	-126.09	27	-122.60	1	-192.89	23	-16.11	9
303	-131	-132	Max	0.00	-472.63	17	62.93	31	13.84	13	632.21	23	1063.13	1	23.68	31
303	-131	-132	Max	123.66					-68.83	11			379.25	11		
303	-131	-132	Max	142.35	-457.09	17	62.93	31	99.66	31	410.34	23	549.62	7	23.68	31
303	-131	-132	Min.	0.00	-1760.56	7	47.67	9	-131.73	27	-564.01	1	-192.71	23	-16.51	9
303	-131	-132	Min.	125.23					-67.76	27			378.52	27		
303	-131	-132	Min.	142.35	-1745.02	7	47.67	9	-60.10	9	-785.88	1	102.06	17	-16.51	9
303	-132	314	Max	0.00	-628.83	17	267.56	25	86.79	31	1.05	23	550.01	7	22.78	31
303	-132	314	Max	0.68					30.76	23			549.73	23		
303	-132	314	Max	129.88	-614.65	17	267.56	25	269.45	25	-201.38	23	419.63	23	22.78	31
303	-132	314	Min.	0.00	-1511.23	7	-60.48	15	-78.60	9	-1223.58	1	102.46	17	-17.81	9
303	-132	314	Min.	0.68					30.76	23			549.73	23		
303	-132	314	Min.	129.88	-1497.05	7	-60.48	15	7.68	15	-1426.02	1	-1617.88	1	-17.81	9
303	314	-147	Max	12.47	-381.14	17	225.97	29	37.69	11	986.44	21	338.31	3	16.80	27
303	314	-147	Max	28.19					-147.69	3			340.24	3		
303	314	-147	Max	175.93	-363.30	17	225.97	29	104.92	13	731.66	21	180.28	7	16.80	27
303	314	-147	Min.	12.47	-1754.71	7	-59.10	11	-264.73	29	24.51	3	-1224.99	21	-17.46	13
303	314	-147	Min.	35.29					-78.43	17			323.23	17		
303	314	-147	Min.	175.93	-1736.86	7	-59.10	11	-59.20	27	-230.28	3	169.08	17	-17.46	13
303	-147	415	Max	0.00	-588.79	17	166.14	25	84.97	13	238.63	21	180.24	7	16.27	27
303	-147	415	Max	153.09					125.96	21			361.83	21		
303	-147	415	Max	162.46	-571.05	17	166.14	25	203.68	25	-14.59	21	361.15	21	16.27	27
303	-147	415	Min.	0.00	-1436.49	7	-19.59	15	-66.83	27	-760.07	3	169.13	17	-18.86	13
303	-147	415	Min.	146.02					83.12	7			346.41	7		
303	-147	415	Min.	162.46	-1418.75	7	-19.59	15	52.52	15	-1013.29	3	-1270.28	3	-18.86	13
303	415	-10	Max	12.47	-715.40	1	310.98	29	254.78	11	1145.05	23	54.32	1	66.54	27
303	415	-10	Max	221.04	-692.63	1	310.98	29	410.72	29	819.95	23	765.22	31	66.54	27
303	415	-10	Min.	12.47	-1525.97	23	-246.72	11	-237.89	29	471.45	1	-1311.00	23	-211.25	13
303	415	-10	Min.	221.04	-1503.21	23	-246.72	11	-259.81	11	146.35	1	671.59	9	-211.25	13
303	-10	416	Max	0.00	-686.27	21	152.84	25	492.14	15	-140.17	21	752.15	13	207.15	31
303	-10	416	Max	208.57	-709.04	21	152.84	25	140.16	25	-465.27	21	54.13	21	207.15	31
303	-10	416	Min.	0.00	-1497.09	3	-405.21	15	-178.62	25	-813.79	3	658.49	27	-70.22	9
303	-10	416	Min.	208.57	-1519.86	3	-405.21	15	-353.00	15	-1138.89	3	-1311.23	3	-70.22	9
303	416	-149	Max	12.47	-567.40	5	70.13	29	122.23	11	1012.29	23	363.51	1	20.88	31
303	416	-149	Max	21.21					49.56	1			364.11	1		
303	416	-149	Max	174.93	-585.13	5	70.13	29	85.81	31	759.07	23	181.03	19	20.88	31
303	416	-149	Min.	12.47	-1415.30	19	-115.50	11	-28.75	29	13.63	1	-1267.84	23	-13.79	9
303	416	-149	Min.	28.25					10.00	19			348.71	19		
303	416	-149	Min.	174.93	-1433.04	19	-115.50	11	-66.04	9	-239.59	1	169.95	5	-13.79	9
303	-149	317	Max	0.00	-359.67	5	95.08	25	100.47	31	229.27	23	181.20	19	19.85	31
303	-149	317	Max	147.09					-98.46	23			339.69	23		
303	-149	317	Max	163.46	-377.52	5	95.08	25	91.99	25	-25.51	23	337.61	23	19.85	31
303	-149	317	Min.	0.00	-1733.44	19	-190.02	15	-63.73	9	-732.62	1	170.03	5	-13.95	9
303	-149	317	Min.	140.04					-32.27	5			322.87	5		
303	-149	317	Min.	163.46	-1751.29	19	-190.02	15	-210.43	15	-987.40	1	-1225.62	1	-13.95	9
303	317	-151	Max	12.47	-604.24	5	52.34	29	281.06	11	1419.73	21	422.05	3	18.44	27
303	317	-151	Max	139.41					35.54	19			544.74	19		
303	317	-151	Max	145.35	-618.75	5	52.34	29	91.07	13	1212.60	21	544.47	19	18.44	27
303	317	-151	Min.	12.47	-1490.90	19	-270.67	11	21.03	29	195.42	3	-1615.44	21	-22.43	13
303	317	-151	Min.	144.67					-16.55	1			535.43	1		
303	317	-151	Min.	145.35	-1505.41	19	-270.67	11	-79.13	27	-11.71	3	133.20	5	-22.43	13
303	-151	-152	Max	0.00	-445.42	5	-44.94	27	103.91	13	770.78	21	544.08	19	17.17	27
303	-151	-152	Max	9.29					-64.93	25			384.98	25		
303	-151	-152	Max	142.35	-460.96	5	-44.94	27	9.92	31						

303	-151	-152	Min.	142.35	-1756.86	19	-68.72	13	-128.84	9	-646.74	3	-219.00	3	-23.33	13
303	-152	118	Max	0.00	-295.17	5	110.10	9	30.69	31	111.63	21	1072.17	21	16.78	27
303	-152	118	Max	71.62					-96.21	21			1112.15	21		
303	-152	118	Max	129.88	-309.35	5	110.10	9	21.01	25	-90.81	21	1085.70	21	16.78	27
303	-152	118	Min.	0.00	-1984.26	19	-319.31	31	-123.41	9	-1056.47	3	-219.17	3	-24.78	13
303	-152	118	Min.	63.27					-131.02	7			1093.28	7		
303	-152	118	Min.	129.88	-1998.44	19	-319.31	31	-385.45	15	-1258.91	3	-1722.76	3	-24.78	13
304	119	-129	Max	12.47	-573.41	3	300.94	29	30.24	9	1345.94	7	995.67	17	74.55	27
304	119	-129	Max	141.58					-79.38	17			1125.58	17		
304	119	-129	Max	145.35	-558.91	3	300.94	29	29.96	13	1138.81	7	1125.47	17	74.55	27
304	119	-129	Min.	12.47	-2656.02	21	-123.63	11	-373.71	31	201.24	17	-1767.23	7	-73.04	13
304	119	-129	Min.	141.88					-34.59	19			1124.96	19		
304	119	-129	Min.	145.35	-2641.51	21	-123.63	11	-137.81	27	-5.89	17	-116.30	7	-73.04	13
304	-129	-130	Max	0.00	-752.90	3	79.12	29	7.66	13	623.59	7	1125.43	17	74.14	27
304	-129	-130	Max	141.49					114.52	15			464.82	15		
304	-129	-130	Max	142.35	-737.36	3	79.12	29	116.92	29	401.72	7	613.44	7	74.14	27
304	-129	-130	Min.	0.00	-2375.82	21	56.30	11	-143.64	27	-553.24	17	-116.31	7	-74.60	13
304	-129	-130	Min.	126.54					103.06	31			458.23	31		
304	-129	-130	Min.	142.35	-2360.28	21	56.30	11	-60.13	11	-775.11	17	179.99	17	-74.60	13
304	-130	320	Max	0.00	-936.25	3	255.76	27	101.57	29	-108.30	7	613.48	7	72.85	27
304	-130	320	Max	129.88	-922.07	3	255.76	27	254.04	27	-310.74	7	341.36	7	72.85	27
304	-130	320	Min.	0.00	-2090.87	21	-73.13	13	-78.14	11	-1317.94	17	179.93	17	-75.65	13
304	-130	320	Min.	129.88	-2076.69	21	-73.13	13	6.59	13	-1520.38	17	-1663.26	17	-75.65	13
304	320	-137	Max	12.47	-817.62	3	247.22	31	62.71	9	1028.94	7	265.90	17	17.67	27
304	320	-137	Max	61.90					-99.84	19			283.66	19		
304	320	-137	Max	175.93	-799.78	3	247.22	31	116.98	15	774.15	7	201.39	7	17.67	27
304	320	-137	Min.	12.47	-2327.64	21	-77.12	9	-288.59	31	74.09	17	-1272.28	7	-15.78	13
304	320	-137	Min.	71.75					-36.24	1			264.40	1		
304	320	-137	Min.	175.93	-2309.80	21	-77.12	9	-64.80	25	-180.69	17	178.78	17	-15.78	13
304	-137	421	Max	0.00	-1059.40	3	161.30	25	94.33	15	161.65	7	201.40	7	17.18	27
304	-137	421	Max	103.71					76.37	7			285.22	7		
304	-137	421	Max	162.46	-1041.67	3	161.30	25	190.24	25	-91.57	7	258.32	7	17.18	27
304	-137	421	Min.	0.00	-1964.53	21	-18.35	15	-71.80	25	-835.53	17	178.78	17	-17.36	13
304	-137	421	Min.	90.08					70.60	21			260.06	21		
304	-137	421	Min.	162.46	-1946.79	21	-18.35	15	64.52	15	-1088.75	17	-1384.29	17	-17.36	13
304	421	-11	Max	12.47	-1346.85	19	340.29	31	259.63	9	1339.55	5	-96.96	19	76.79	27
304	421	-11	Max	221.04	-1324.09	19	340.29	31	451.70	31	1014.46	5	1002.48	11	76.79	27
304	421	-11	Min.	12.47	-2080.47	5	-267.58	9	-258.05	31	660.31	19	-1485.05	5	-159.75	13
304	421	-11	Min.	221.04	-2057.70	5	-267.58	9	-298.47	9	335.22	19	908.61	29	-159.75	13
304	-11	422	Max	0.00	-1314.89	7	187.69	27	516.49	13	-334.74	7	1001.59	25	157.82	31
304	-11	422	Max	208.57	-1337.65	7	187.69	27	157.52	27	-659.84	7	-96.84	7	157.82	31
304	-11	422	Min.	0.00	-2048.83	17	-420.56	13	-233.95	27	-1014.19	17	907.72	15	-78.50	9
304	-11	422	Min.	208.57	-2071.60	17	-420.56	13	-360.68	13	-1339.29	17	-1485.38	17	-78.50	9
304	422	-140	Max	12.47	-1027.26	23	58.95	29	119.46	11	1088.26	5	259.10	19	18.62	31
304	422	-140	Max	71.10					29.62	19			285.89	19		
304	422	-140	Max	174.93	-1044.99	23	58.95	29	89.74	29	835.03	5	201.87	19	18.62	31
304	422	-140	Min.	12.47	-1932.30	1	-120.59	11	-6.04	29	91.38	19	-1382.97	5	-15.62	9
304	422	-140	Min.	84.51					29.52	1			261.02	1		
304	422	-140	Min.	174.93	-1950.03	1	-120.59	11	-76.44	11	-161.84	19	179.30	5	-15.62	9
304	-140	323	Max	0.00	-785.89	23	114.74	27	107.66	29	180.23	5	201.87	19	17.37	31
304	-140	323	Max	113.95					-66.19	7			284.01	7		
304	-140	323	Max	163.46	-803.74	23	114.74	27	114.82	27	-74.55	5	265.67	5	17.37	31
304	-140	323	Min.	0.00	-2295.82	1	-209.62	13	-74.19	11	-774.30	19	179.30	5	-15.78	9
304	-140	323	Min.	103.89					-6.40	21			264.44	21		
304	-140	323	Min.	163.46	-2313.67	1	-209.62	13	-236.44	13	-1029.09	19	-1272.04	19	-15.78	9
304	323	-145	Max	12.47	-911.36	23	67.54	31	264.08	9	1512.77	5	343.03	17	75.50	31
304	323	-145	Max	145.35	-925.86	23	67.54	31	108.08	31	1305.64	5	609.38	17	75.50	31
304	323	-145	Min.	12.47	-2070.04	1	-256.45	9	18.32	31	303.97	19	-1660.84	7	-72.28	9
304	323	-145	Min.	145.35	-2084.55	1	-256.45	9	-76.71	9	96.84	19	211.75	7	-72.28	9
304	-145	-146	Max	0.00	-725.20	23	-55.01	25	123.25	15	757.79	5	609.37	17	74.45	31
304	-145	-146	Max	5.64					-62.03	9			465.51	9		
304	-145	-146	Max	142.35	-740.74	23	-55.01	25	3.24	31	535.91	5	1132.66	5	74.45	31
304	-145	-146	Min.	0.00	-2356.43	1	-86.71	15	-59.07	25	-417.90	19	211.78	7	-73.54	9
304	-145	-146	Min.	5.59					117.01	13			465.20	13		
304	-145	-146	Min.	142.35	-2371.97	1	-86.71	15	-140.79	9	-639.77	19	-143.50	19	-73.54	9
304	-146	124	Max	0.00	-548.75	23	123.36	25	25.57	31	-6.39	5	1132.69	5	72.89	31
304	-146	124	Max	129.88	-562.93	23	123.36	25	28.87	27	-208.83	5	992.93	5	72.89	31
304	-146	124	Min.	0.00	-2635.00	1	-307.56	15	-135.16	9	-1150.28	19	-143.48	19	-73.93	9
304	-146	124	Min.	129.88	-2649.18	1	-307.56	15	-377.71	13	-1352.71	19	-1768.90	19	-73.93	9
305	125	-127	Max	12.47	-502.41	1	305.09	31	43.66	9	1473.60	7	1007.87	17	83.62	27
305	125	-127	Max	145.35	-487.90	1	305.09	31	38.68	13	1266.48	7	1232.82	17	83.62	27
305	125	-127	Min.	12.47	-3383.17	23	-138.30	9	-372.18	31	272.85	17	-1920.37	7	-71.29	13
305	125	-127	Min.	145.35	-3368.67	23	-138.30	9	-145.57	27	65.72	17	-99.78	7	-71.29	13
305	-127	-128	Max	0.00	-704.70	1	71.82	31	18.89	13	649.94	7	1232.52	17	83.23	27
305	-127	-128	Max	111.76					-81.02	27			510.84	27		
305	-127	-128	Max	142.35	-689.16	1	71.82	31	115.55	29	428.07	7	667.70	5	83.23	27
305	-127	-128	Min.	0.00	-3063.47	23	58.66	9	-151.17	27	-587.37	17	-99.91	7	-72.67	13
305	-127	-128	Min.	112.68					93.84	31			509.27	31		
305	-127	-128	Min.	142.35	-3047.93	23	58.66	9	-62.10	11	-809.24	17	238.16	19	-72.67	13
305	-128	326	Max	0.00	-911.62	1	248.25	27	102.86	13	-182.36	7	667.95	5	81.99	27
305	-128	326	Max	129.88	-897.44	1	248.25	27	242.99	27	-384.80	7	299.35	7	81.99	27
305	-128	326	Min.	0.00	-2738.01	23	-98.52	13	-79.43	27	-1456.94	17	238.44	19	-73.54	13
305	-128	326	Min.	129.88	-2723.83	23	-98.52	13	-25.09	13	-1659.38	17	-1784.98	17	-73.54	13
305	326	-136	Max	12.47	-884.58	1	226.66	29	77.65	11	1084.75	5	208.15	19	21.70	27
305	326	-136	Max	94.53					-21.49	17			259.88	17		
305	326	-136	Max	175.93	-866.74	1	226.66	29	115.47	13	829.96	5	232.49	5	21.70	27
305	326	-136	Min.	12.47	-2825.44	23	-82.36	11	-257.25	29	126.23	19	-1332.40	5	-17.02	13

305	-136	427	Max	63.10					39.52	5			263.62	5		
305	-136	427	Max	162.46	-1139.45	1	142.62	25	167.21	25	-154.88	5	186.68	5	21.35	27
305	-136	427	Min.	0.00	-2412.51	23	-38.22	15	-64.49	25	-908.21	19	206.01	19	-18.36	13
305	-136	427	Min.	30.78					46.55	23			235.18	23		
305	-136	427	Min.	162.46	-2394.78	23	-38.22	15	34.39	15	-1161.43	19	-1475.14	19	-18.36	13
305	427	-12	Max	12.47	-1584.66	17	280.42	31	240.93	9	1493.74	7	-226.06	17	108.17	27
305	427	-12	Max	221.04	-1561.89	17	280.42	31	385.98	31	1168.64	7	1177.36	29	108.17	27
305	427	-12	Min.	12.47	-2431.40	7	-245.98	9	-198.89	31	817.02	17	-1631.25	7	-173.26	13
305	427	-12	Min.	221.04	-2408.63	7	-245.98	9	-272.11	9	491.92	17	1106.83	11	-173.26	13
305	-12	428	Max	0.00	-1562.67	5	175.30	27	441.73	13	-492.61	5	1177.45	15	171.20	31
305	-12	428	Max	208.57	-1585.44	5	175.30	27	149.01	27	-817.71	5	-227.44	5	171.20	31
305	-12	428	Min.	0.00	-2409.74	19	-351.47	13	-216.61	27	-1168.71	19	1106.84	25	-109.97	9
305	-12	428	Min.	208.57	-2432.51	19	-351.47	13	-291.33	13	-1493.81	19	-1631.35	19	-109.97	9
305	428	-139	Max	12.47	-1139.71	21	73.17	29	102.62	11	1162.17	7	187.39	17	19.62	31
305	428	-139	Max	111.72					9.86	17			264.16	17		
305	428	-139	Max	174.93	-1157.44	21	73.17	29	88.91	29	908.95	7	233.02	17	19.62	31
305	428	-139	Min.	12.47	-2396.54	3	-107.55	11	-29.97	29	154.69	17	-1475.95	7	-19.76	9
305	428	-139	Min.	144.60					28.23	3			235.33	3		
305	428	-139	Min.	174.93	-2414.27	3	-107.55	11	-72.10	11	-98.53	17	206.40	7	-19.76	9
305	-139	329	Max	0.00	-867.04	21	118.84	25	103.73	31	129.29	7	232.91	17	18.57	31
305	-139	329	Max	82.95					-28.02	7			260.27	7		
305	-139	329	Max	163.46	-884.89	21	118.84	25	125.48	25	-125.49	7	209.75	7	18.57	31
305	-139	329	Min.	0.00	-2809.41	3	-190.09	15	-71.01	9	-830.14	17	206.65	7	-19.82	9
305	-139	329	Min.	51.73					1.06	23			230.29	23		
305	-139	329	Min.	163.46	-2827.25	3	-190.09	15	-209.23	15	-1084.92	17	-1332.27	17	-19.82	9
305	329	-143	Max	12.47	-893.18	21	94.18	31	252.47	9	1650.94	7	302.12	17	73.35	31
305	329	-143	Max	145.35	-907.69	21	94.18	31	111.38	31	1443.82	7	664.81	17	73.35	31
305	329	-143	Min.	12.47	-2727.79	3	-247.44	9	-13.78	31	376.50	17	-1783.56	7	-81.42	9
305	329	-143	Min.	145.35	-2742.30	3	-247.44	9	-76.34	9	169.37	17	272.69	7	-81.42	9
305	-143	-144	Max	0.00	-683.26	21	-58.44	27	123.80	15	790.18	7	664.55	17	72.50	31
305	-143	-144	Max	17.34					-70.06	9			517.67	9		
305	-143	-144	Max	142.35	-698.80	21	-58.44	27	14.62	31	568.31	7	1239.30	7	72.50	31
305	-143	-144	Min.	0.00	-3054.99	3	-80.66	13	-59.40	25	-446.62	17	272.41	7	-82.62	9
305	-143	-144	Min.	18.93					108.10	13			515.72	13		
305	-143	-144	Min.	142.35	-3070.53	3	-80.66	13	-148.23	9	-668.50	17	-129.12	17	-82.62	9
305	-144	130	Max	0.00	-484.23	21	138.03	27	34.48	31	-78.86	7	1239.57	7	71.10	31
305	-144	130	Max	129.88	-498.40	21	138.03	27	42.02	27	-281.30	7	1005.69	7	71.10	31
305	-144	130	Min.	0.00	-3372.71	3	-312.48	13	-142.80	9	-1279.45	17	-128.95	17	-83.00	9
305	-144	130	Min.	129.88	-3386.88	3	-312.48	13	-376.90	13	-1481.89	17	-1922.14	17	-83.00	9
306	231	-125	Max	12.47	661.00	5	197.60	31	19.03	9	1391.00	7	1537.88	17	98.14	27
306	231	-125	Max	145.35	675.50	5	197.60	31	16.43	13	1183.87	7	1132.14	17	98.14	27
306	231	-125	Min.	12.47	-2297.95	19	-114.33	9	-251.04	31	-201.76	17	-2166.12	7	-13.21	13
306	231	-125	Min.	145.35	-2283.44	19	-114.33	9	-137.79	27	-408.89	17	-455.30	7	-13.21	13
306	-125	-126	Max	0.00	860.70	5	73.74	31	8.39	13	877.85	7	1132.38	17	97.92	27
306	-125	-126	Max	131.66					-68.30	27			339.44	27		
306	-125	-126	Max	142.35	876.24	5	73.74	31	108.38	29	655.97	7	636.46	7	97.92	27
306	-125	-126	Min.	0.00	-2428.16	19	51.54	9	-140.99	27	-737.94	17	-455.22	7	-13.77	13
306	-125	-126	Min.	131.66					-68.30	27			339.44	27		
306	-125	-126	Min.	142.35	-2412.62	19	51.54	9	-62.63	11	-959.81	17	-75.97	17	-13.77	13
306	-126	332	Max	0.00	1063.73	5	216.27	27	103.82	13	353.07	7	636.18	7	97.29	27
306	-126	332	Max	129.88	1077.91	5	216.27	27	209.50	27	150.63	7	963.27	7	97.29	27
306	-126	332	Min.	0.00	-2560.75	19	-145.19	13	-71.39	27	-1286.27	17	-76.12	17	-14.07	13
306	-126	332	Min.	129.88	-2546.57	19	-145.19	13	-84.76	13	-1488.71	17	-1878.17	17	-14.07	13
306	332	-135	Max	12.47	-306.86	5	162.73	29	103.82	11	1190.93	7	948.45	17	81.24	27
306	332	-135	Max	107.08					-23.58	29			196.37	29		
306	332	-135	Max	175.93	-289.01	5	162.73	29	90.97	13	936.15	7	159.74	13	81.24	27
306	332	-135	Min.	12.47	-1231.39	19	-102.03	11	-177.53	29	-361.80	17	-1600.67	7	6.51	13
306	332	-135	Min.	96.12					14.90	25			182.32	25		
306	332	-135	Min.	175.93	-1213.55	19	-102.03	11	-65.47	27	-616.59	17	126.88	27	6.51	13
306	-135	433	Max	0.00	-46.76	5	160.63	27	83.89	13	573.43	7	159.82	13	81.08	27
306	-135	433	Max	45.26					64.73	15			169.88	15		
306	-135	433	Max	162.46	-29.02	5	160.63	27	193.24	27	320.21	7	863.58	7	81.08	27
306	-135	433	Min.	0.00	-1406.31	19	-45.46	13	-67.72	27	-1009.70	17	126.93	27	6.01	13
306	-135	433	Min.	34.39					-11.71	11			136.41	11		
306	-135	433	Min.	162.46	-1388.57	19	-45.46	13	10.04	13	-1262.92	17	-1696.95	17	6.01	13
306	433	-13	Max	12.47	-531.14	17	119.92	29	240.75	11	1162.74	5	549.98	19	304.04	27
306	433	-13	Max	121.04					10.59	17			614.01	17		
306	433	-13	Max	221.04	-508.37	17	119.92	29	178.50	29	837.65	5	597.40	11	304.04	27
306	433	-13	Min.	12.47	-1115.60	7	-286.01	11	-71.61	29	134.90	19	-1535.41	5	-40.51	13
306	433	-13	Min.	150.62					52.30	3			533.13	3		
306	433	-13	Min.	221.04	-1092.84	7	-286.01	11	-355.79	11	-190.19	19	445.62	29	-40.51	13
306	-13	434	Max	0.00	-498.25	5	234.33	25	208.89	15	191.05	7	597.42	25	34.66	31
306	-13	434	Max	99.60					-11.04	5			613.38	5		
306	-13	434	Max	208.57	-521.01	5	234.33	25	163.22	25	-134.05	7	551.70	7	34.66	31
306	-13	434	Min.	0.00	-1082.78	19	-171.91	15	-325.54	25	-838.25	17	445.51	15	-309.30	9
306	-13	434	Min.	70.96					45.72	23			533.67	23		
306	-13	434	Min.	208.57	-1105.55	19	-171.91	15	-149.66	15	-1163.34	17	-1536.69	17	-309.30	9
306	434	-138	Max	12.47	-11.86	17	77.78	31	131.86	9	1261.78	5	861.96	19	-2.56	31
306	434	-138	Max	132.08					43.26	29			168.42	29		
306	434	-138	Max	174.93	-29.59	17	77.78	31	75.32	31	1008.56	5	160.01	31	-2.56	31
306	434	-138	Min.	12.47	-1375.20	7	-128.13	9	-51.03	31	-319.10	19	-1694.89	5	-76.89	9
306	434	-138	Min.	138.10					-28.48	25			137.97	25		
306	434	-138	Min.	174.93	-1392.93	7	-128.13	9	-76.30	9	-572.32	19	127.14	9	-76.89	9
306	-138	335	Max	0.00	-272.54	17	132.71	25	80.39	31	615.49	5	159.93	31	-2.91	31
306	-138	335	Max	71.30					-16.08	15			199.24	15		
306	-138	335	Max	163.46	-290.38	17	132.71	25	143.38	25	360.71	5	950.22	7	-2.91	31
306	-138	335	Min.	0.00	-1200.86	7	-131.80	15	-76.06	9	-935.00	19	127.08	9	-76.90	9
306	-138	335	Min.	77.41					25.67	11						

306	335	-141	Max	145.35	1074.01	17	134.97	31	112.28	31	1276.11	5	620.61	19	13.69	31
306	335	-141	Min.	12.47	-2541.53	7	-221.07	9	-67.07	31	-153.37	19	-1875.12	5	-96.75	9
306	335	-141	Min.	145.35	-2556.04	7	-221.07	9	-68.39	9	-360.50	19	-41.72	5	-96.75	9
306	-141	-142	Max	0.00	884.72	17	-51.62	27	116.65	15	946.67	5	620.89	19	13.39	31
306	-141	-142	Max	0.71					-60.04	9			345.53	9		
306	-141	-142	Max	142.35	869.18	17	-51.62	27	4.66	31	724.80	5	1148.07	5	13.39	31
306	-141	-142	Min.	0.00	-2406.63	7	-82.26	13	-59.76	25	-666.17	19	-41.58	5	-97.36	9
306	-141	-142	Min.	0.71					-60.04	9			345.53	9		
306	-141	-142	Min.	142.35	-2422.17	7	-82.26	13	-138.34	9	-888.05	19	-485.31	19	-97.36	9
306	-142	136	Max	0.00	685.87	17	113.24	27	12.75	31	398.75	5	1147.83	5	12.83	31
306	-142	136	Max	129.88	671.69	17	113.24	27	16.88	27	196.31	5	1534.26	5	12.83	31
306	-142	136	Min.	0.00	-2278.94	7	-202.16	13	-135.23	9	-1191.31	19	-485.40	19	-97.58	9
306	-142	136	Min.	129.88	-2293.12	7	-202.16	13	-254.86	13	-1393.75	19	-2164.12	19	-97.58	9
308	-133	-131	Max	0.00	156.47	9	-0.93	11	7.00	29	214.31	1	0.00	1	-0.02	15
308	-133	-131	Max	205.00					-0.68	1			219.67	1		
308	-133	-131	Max	410.00	156.47	9	-0.93	11	-2.32	11	-214.31	1	0.00	1	-0.02	15
308	-133	-131	Min.	0.00	-29.45	31	-3.99	29	1.51	11	214.31	1	0.00	1	-0.27	25
308	-133	-131	Min.	205.00					-0.68	1			219.67	1		
308	-133	-131	Min.	410.00	-29.45	31	-3.99	29	-9.35	29	-214.31	1	0.00	1	-0.27	25
308	-131	-129	Max	0.00	115.39	27	-1.48	9	11.68	31	214.31	1	0.00	1	0.15	9
308	-131	-129	Max	205.00					0.02	1			219.67	1		
308	-131	-129	Max	410.00	115.39	27	-1.48	9	-2.97	9	-214.31	1	0.00	1	0.15	9
308	-131	-129	Min.	0.00	-79.20	13	-5.74	31	3.11	9	214.31	1	0.00	1	0.02	31
308	-131	-129	Min.	205.00					0.02	1			219.67	1		
308	-131	-129	Min.	410.00	-79.20	13	-5.74	31	-11.84	31	-214.31	1	0.00	1	0.02	31
308	-129	-127	Max	0.00	66.65	27	-0.84	9	10.87	31	318.17	1	0.00	1	0.07	9
308	-129	-127	Max	295.00					0.06	1			469.31	1		
308	-129	-127	Max	590.00	66.65	27	-0.84	9	-2.43	9	-318.17	1	0.00	1	0.07	9
308	-129	-127	Min.	0.00	-72.36	13	-3.67	31	2.52	9	318.17	1	0.00	1	0.04	31
308	-129	-127	Min.	295.00					0.06	1			469.31	1		
308	-129	-127	Min.	590.00	-72.36	13	-3.67	31	-10.77	31	-318.17	1	0.00	1	0.04	31
308	-127	-125	Max	0.00	4.66	27	-0.93	9	9.60	31	318.17	1	0.00	1	-0.07	15
308	-127	-125	Max	295.00					0.17	1			469.31	1		
308	-127	-125	Max	590.00	4.66	27	-0.93	9	-2.81	9	-318.17	1	0.00	1	-0.07	15
308	-127	-125	Min.	0.00	-46.68	13	-3.06	31	2.66	9	318.17	1	0.00	1	-0.25	25
308	-127	-125	Min.	295.00					0.17	1			469.31	1		
308	-127	-125	Min.	590.00	-46.68	13	-3.06	31	-8.45	31	-318.17	1	0.00	1	-0.25	25
309	-134	-132	Max	0.00	127.20	11	-1.84	15	7.33	25	212.31	1	0.00	1	-0.29	13
309	-134	-132	Max	205.00					-0.95	1			217.62	1		
309	-134	-132	Max	410.00	127.20	11	-1.84	15	-4.94	15	-212.31	1	0.00	1	-0.29	13
309	-134	-132	Min.	0.00	-235.93	29	-3.98	25	2.62	15	212.31	1	0.00	1	-0.59	27
309	-134	-132	Min.	205.00					-0.95	1			217.62	1		
309	-134	-132	Min.	410.00	-235.93	29	-3.98	25	-9.00	25	-212.31	1	0.00	1	-0.59	27
309	-132	-130	Max	0.00	142.47	9	-3.79	13	9.85	27	212.31	1	0.00	1	0.03	9
309	-132	-130	Max	205.00					0.04	1			217.62	1		
309	-132	-130	Max	410.00	142.47	9	-3.79	13	-7.88	13	-212.31	1	0.00	1	0.03	9
309	-132	-130	Min.	0.00	-154.73	31	-4.76	27	7.66	13	212.31	1	0.00	1	-0.11	31
309	-132	-130	Min.	205.00					0.04	1			217.62	1		
309	-132	-130	Min.	410.00	-154.73	31	-4.76	27	-9.68	27	-212.31	1	0.00	1	-0.11	31
309	-130	-128	Max	0.00	98.25	9	-2.38	13	8.74	27	315.29	1	0.00	1	-0.01	5
309	-130	-128	Max	295.00					0.05	1			465.05	1		
309	-130	-128	Max	590.00	98.25	9	-2.38	13	-6.92	13	-315.29	1	0.00	1	-0.01	5
309	-130	-128	Min.	0.00	-63.29	31	-2.97	27	7.15	13	315.29	1	0.00	1	-0.10	19
309	-130	-128	Min.	295.00					0.05	1			465.05	1		
309	-130	-128	Min.	590.00	-63.29	31	-2.97	27	-8.76	27	-315.29	1	0.00	1	-0.10	19
309	-128	-126	Max	0.00	46.95	13	-1.66	15	8.95	25	315.29	1	0.00	1	0.31	15
309	-128	-126	Max	295.00					0.20	1			465.05	1		
309	-128	-126	Max	590.00	46.95	13	-1.66	15	-4.30	15	-315.29	1	0.00	1	0.31	15
309	-128	-126	Min.	0.00	7.26	27	-3.05	25	5.48	15	315.29	1	0.00	1	0.12	25
309	-128	-126	Min.	295.00					0.20	1			465.05	1		
309	-128	-126	Min.	590.00	7.26	27	-3.05	25	-9.05	25	-315.29	1	0.00	1	0.12	25
310	308	314	Max	17.50	1158.67	9	-17.68	23	117.00	1	493.41	1	0.00	1	-19.13	23
310	308	314	Max	207.50					-20.24	1			468.74	1		
310	308	314	Max	397.50	1158.67	9	-17.68	23	-57.98	23	-493.41	1	0.00	1	-19.13	23
310	308	314	Min.	17.50	-876.14	31	-72.23	1	9.22	23	493.41	1	0.00	1	-55.59	1
310	308	314	Min.	207.50					-20.24	1			468.74	1		
310	308	314	Min.	397.50	-876.14	31	-72.23	1	-157.47	1	-493.41	1	0.00	1	-55.59	1
310	314	320	Max	12.50	772.19	9	-59.89	25	154.47	15	1016.46	13	920.00	27	-2.09	21
310	314	320	Max	389.80					-152.72	29			514.60	29		
310	314	320	Max	397.50	772.19	9	-59.89	25	-112.63	25	16.65	13	578.74	13	-2.09	21
310	314	320	Min.	12.50	-703.08	31	-82.31	15	117.95	25	-96.97	27	-1410.00	13	-10.75	3
310	314	320	Min.	237.33					-24.10	23			151.79	23		
310	314	320	Min.	397.50	-703.08	31	-82.31	15	-162.42	15	-1096.78	27	-1377.98	27	-10.75	3
310	320	326	Max	12.50	412.01	9	-27.10	25	118.09	15	950.91	13	-20.49	27	0.97	21
310	320	326	Max	378.67					-35.90	13			472.77	13		
310	320	326	Max	577.50	412.01	9	-27.10	25	-77.80	25	-516.34	13	-40.54	13	0.97	21
310	320	326	Min.	12.50	-543.65	31	-42.17	15	75.33	25	498.56	27	-1268.21	13	-6.31	3
310	320	326	Min.	272.30					6.55	1			370.18	1		
310	320	326	Min.	577.50	-543.65	31	-42.17	15	-120.15	15	-968.69	27	-1348.60	27	-6.31	3
310	326	332	Max	12.50	-17.23	9	-29.20	7	98.89	19	1182.95	13	32.89	27	46.35	19
310	326	332	Max	468.02					-46.02	13			949.04	13		
310	326	332	Max	577.50	-17.23	9	-29.20	7	-77.35	15	-284.30	13	793.42	13	46.35	19
310	326	332	Min.	12.50	-249.51	31	-33.77	17	83.50	5	472.78	27	-1745.28	13	-26.43	5
310	326	332	Min.	283.20					3.55	21			408.51	21		
310	326	332	Min.	577.50	-249.51	31	-33.77	17	-96.05	25	-994.47	27	-1440.87	27	-26.43	5
311	-148	-147	Max	0.00	209.47	9	-0.82	5	6.14	19	256.39	1	0.00	1	0.05	5
311	-148	-147	Max	205.00					-1.23	1			262.80	1		
311	-148	-147	Max	410.00	209.47	9	-0.82	5	-2.83	11	-256.39	1	0.00	1	0.05	5
311	-148	-147	Min.	0.00	-176.58	31	-3.67	19	0.48	5	256.39	1	0.00	1	-0.05	19
311	-148	-147	Min.	205.00					-1.23	1			262.80	1		

311	-148	-147	Min.	410.00	-176.58	31	-3.67	19	-8.94	29	-256.39	1	0.00	1	-0.05	19
311	-147	-137	Max	0.00	161.87	9	-2.00	11	11.51	29	256.39	1	0.00	1	0.02	13
311	-147	-137	Max	205.00					0.10	1			262.80	1		
311	-147	-137	Max	410.00	161.87	9	-2.00	11	-3.83	11	-256.39	1	0.00	1	0.02	13
311	-147	-137	Min.	0.00	-149.30	31	-5.74	29	4.36	11	256.39	1	0.00	1	-0.02	27
311	-147	-137	Min.	205.00					0.10	1			262.80	1		
311	-147	-137	Min.	410.00	-149.30	31	-5.74	29	-12.02	29	-256.39	1	0.00	1	-0.02	27
311	-137	-136	Max	0.00	92.73	9	-0.91	9	11.13	31	378.72	1	0.00	1	0.02	1
311	-137	-136	Max	295.00					0.10	1			558.62	1		
311	-137	-136	Max	590.00	92.73	9	-0.91	9	-2.60	9	-378.72	1	0.00	1	0.02	1
311	-137	-136	Min.	0.00	-107.31	31	-3.72	31	2.75	9	378.72	1	0.00	1	-0.01	23
311	-137	-136	Min.	295.00					0.10	1			558.62	1		
311	-137	-136	Min.	590.00	-107.31	31	-3.72	31	-10.84	31	-378.72	1	0.00	1	-0.01	23
311	-136	-135	Max	0.00	-10.16	3	-0.68	11	8.84	29	378.72	1	0.00	1	0.12	7
311	-136	-135	Max	295.00					0.31	1			558.62	1		
311	-136	-135	Max	590.00	-10.16	3	-0.68	11	-1.96	11	-378.72	1	0.00	1	0.12	7
311	-136	-135	Min.	0.00	-44.32	21	-2.75	29	2.05	11	378.72	1	0.00	1	-0.26	17
311	-136	-135	Min.	295.00					0.31	1			558.62	1		
311	-136	-135	Min.	590.00	-44.32	21	-2.75	29	-7.39	29	-378.72	1	0.00	1	-0.26	17
312	409	415	Max	17.50	2188.95	9	33.64	27	83.61	3	541.38	1	0.00	1	72.48	19
312	409	415	Max	207.50					-19.17	1			514.32	1		
312	409	415	Max	397.50	2188.95	9	33.64	27	50.66	27	-541.38	1	0.00	1	72.48	19
312	409	415	Min.	17.50	-1218.40	31	-57.37	13	-83.58	21	541.38	1	0.00	1	-8.83	5
312	409	415	Min.	207.50					-19.17	1			514.32	1		
312	409	415	Min.	397.50	-1218.40	31	-57.37	13	-140.80	13	-541.38	1	0.00	1	-8.83	5
312	415	421	Max	12.50	1558.00	9	17.65	9	183.79	31	1000.15	13	755.21	27	19.84	25
312	415	421	Max	20.20					-16.17	27			756.04	27		
312	415	421	Max	397.50	1558.00	9	17.65	9	38.86	9	-96.87	13	424.95	13	19.84	25
312	415	421	Min.	12.50	-919.69	31	-97.43	31	-29.10	9	21.77	27	-1313.86	13	7.39	15
312	415	421	Min.	237.90					-20.83	23			167.68	23		
312	415	421	Min.	397.50	-919.69	31	-97.43	31	-191.31	31	-1075.25	27	-1272.74	27	7.39	15
312	421	427	Max	12.50	934.49	11	12.45	9	137.43	31	992.23	13	-182.68	27	10.47	31
312	421	427	Max	360.73					-32.31	13			476.65	13		
312	421	427	Max	577.50	934.49	11	12.45	9	34.82	9	-617.67	13	-192.82	13	10.47	31
312	421	427	Min.	12.50	-624.82	29	-48.91	31	-35.55	9	604.96	27	-1250.95	13	0.73	9
312	421	427	Min.	274.35					0.36	1			404.91	1		
312	421	427	Min.	577.50	-624.82	29	-48.91	31	-138.94	31	-1004.95	27	-1312.68	27	0.73	9
312	427	433	Max	12.50	261.95	11	21.20	11	107.03	29	1232.99	13	-209.51	27	5.00	17
312	427	433	Max	445.22					-36.70	13			936.44	13		
312	427	433	Max	577.50	261.95	11	21.20	11	66.23	11	-376.91	13	687.15	13	5.00	17
312	427	433	Min.	12.50	-223.34	29	-33.50	29	-53.53	11	624.36	27	-1731.27	13	-47.76	7
312	427	433	Min.	235.47					-5.70	9			471.47	9		
312	427	433	Min.	577.50	-223.34	29	-33.50	29	-82.24	29	-985.55	27	-1229.86	27	-47.76	7
313	-9	-10	Max	0.00	732.06	27	48.06	7	-3.68	17	614.85	1	0.00	1	27.04	7
313	-9	-10	Max	205.00					-4.58	1			630.22	1		
313	-9	-10	Max	410.00	732.06	27	48.06	7	94.05	7	-614.85	1	0.00	1	27.04	7
313	-9	-10	Min.	0.00	-127.77	13	-0.23	17	-103.01	7	614.85	1	0.00	1	0.88	17
313	-9	-10	Min.	205.00					-4.58	1			630.22	1		
313	-9	-10	Min.	410.00	-127.77	13	-0.23	17	-4.61	17	-614.85	1	0.00	1	0.88	17
313	-10	-11	Max	0.00	546.70	25	28.76	7	-28.41	17	613.29	15	156.49	9	2.54	7
313	-10	-11	Max	126.21					-16.94	9			395.37	9		
313	-10	-11	Max	410.00	546.70	25	28.76	7	72.98	7	-616.40	13	-476.26	13	2.54	7
313	-10	-11	Min.	0.00	-259.04	15	7.49	17	-44.92	7	378.54	9	-469.88	15	-0.78	17
313	-10	-11	Min.	204.48					4.38	15			157.15	15		
313	-10	-11	Min.	410.00	-259.04	15	7.49	17	2.30	17	-851.15	9	-812.37	9	-0.78	17
313	-11	-41	Max	0.00	470.94	27	174.72	3	166.16	21	885.70	13	-629.19	9	1.15	7
313	-11	-41	Max	176.67	470.94	27	174.72	3	90.13	17	355.83	15	333.82	9	1.15	7
313	-11	-41	Min.	0.00	-488.86	13	-156.45	21	-220.12	3	810.04	9	-851.78	13	-1.17	17
313	-11	-41	Min.	176.67	-488.86	13	-156.45	21	-111.81	7	280.17	9	244.90	13	-1.17	17
313	-41	-42	Max	0.00	320.41	27	24.18	3	90.13	17	355.82	15	333.83	9	1.15	7
313	-41	-42	Max	93.41					-36.57	11			464.68	11		
313	-41	-42	Max	191.67	320.41	27	24.18	3	134.91	3	-219.04	15	375.99	15	1.15	7
313	-41	-42	Min.	0.00	-338.32	13	-5.91	21	-111.81	7	280.16	9	244.91	13	-1.17	17
313	-41	-42	Min.	118.64					35.16	13			455.97	13		
313	-41	-42	Min.	191.67	-338.32	13	-5.91	21	-121.57	21	-294.70	9	319.89	9	-1.17	17
313	-42	-12	Max	0.00	151.47	27	164.31	7	134.91	3	-219.02	15	376.00	15	1.15	7
313	-42	-12	Max	221.67	151.47	27	164.31	7	243.57	7	-883.86	13	-846.36	15	1.15	7
313	-42	-12	Min.	0.00	-169.39	13	-146.04	17	-121.57	21	-294.68	9	319.91	9	-1.17	17
313	-42	-12	Min.	221.67	-169.39	13	-146.04	17	-189.72	17	-959.52	9	-1070.16	9	-1.17	17
313	-12	-43	Max	0.00	130.56	27	196.81	3	204.75	21	1109.99	13	-824.64	11	14.68	7
313	-12	-43	Max	161.67	130.56	27	196.81	3	58.43	17	625.11	13	263.18	11	14.68	7
313	-12	-43	Min.	0.00	-359.08	13	-176.69	21	-262.15	3	915.32	11	-1241.63	13	-14.60	17
313	-12	-43	Min.	161.67	-359.08	13	-176.69	21	-83.31	7	430.44	11	160.90	13	-14.60	17
313	-43	-44	Max	0.00	-13.85	27	52.40	3	58.44	17	625.10	13	263.19	11	14.68	7
313	-43	-44	Max	185.70					153.34	3			713.86	3		
313	-43	-44	Max	191.67	-13.85	27	52.40	3	156.47	3	50.24	13	808.13	13	14.68	7
313	-43	-44	Min.	0.00	-214.68	13	-32.29	21	-83.32	7	430.43	11	160.93	13	-14.60	17
313	-43	-44	Min.	143.51					40.90	9			572.05	9		
313	-43	-44	Min.	191.67	-214.68	13	-32.29	21	-142.80	21	-144.43	11	537.27	9	-14.60	17
313	-44	-13	Max	0.00	-39.61	31	144.72	7	156.47	3	50.26	13	808.12	13	14.68	7
313	-44	-13	Max	16.76					47.34	13			812.34	13		
313	-44	-13	Max	236.67	-39.61	31	144.72	7	201.05	7	-659.56	13	87.12	13	14.68	7
313	-44	-13	Min.	0.00	-188.91	9	-124.61	17	-142.80	21	-144.41	11	537.28	9	-14.60	17
313	-44	-13	Min.	16.76					47.34	13			812.34	13		
313	-44	-13	Min.	236.67	-188.91	9	-124.61	17	-139.78	17	-854.24	11	-644.45	11	-14.60	17
314	410	416	Max	17.50	1681.52	27	65.03	31	69.05	1	541.38	1	0.00	1	5.98	17
314	410	416	Max	207.50					20.37	1			514.32	1		
314	410	416	Max	397.50	1681.52	27	65.03	31	155.47	31	-541.38	1	0.00	1	5.98	17
314	410	416	Min.	17.50	-1730.13	13	-25.91	9	-98.11	23	541.38	1	0.00	1	-75.36	7
314	410	416	Min.	207.50					20.37	1			514.32	1		

314	410	416	Min.	397.50	-1730.13	13	-25.91	9	-35.86	9	-541.38	1	0.00	1	-75.36	7
314	416	422	Max	12.50	1206.62	27	107.31	13	10.01	27	990.96	31	772.92	9	-7.85	29
314	416	422	Max	17.19					-2.10	9			773.23	9		
314	416	422	Max	397.50	1206.62	27	107.31	13	210.22	13	-106.06	31	408.92	31	-7.85	29
314	416	422	Min.	12.50	-1274.35	13	-7.79	27	-202.95	13	13.36	9	-1294.50	31	-20.11	11
314	416	422	Min.	234.77					21.62	3			166.50	3		
314	416	422	Min.	397.50	-1274.35	13	-7.79	27	-19.99	27	-1083.66	9	-1287.41	9	-20.11	11
314	422	428	Max	12.50	716.19	25	53.70	13	22.21	27	988.67	31	-173.52	9	-0.67	27
314	422	428	Max	359.48					35.00	31			474.29	31		
314	422	428	Max	577.50	716.19	25	53.70	13	152.66	13	-621.23	31	-202.93	31	-0.67	27
314	422	428	Min.	12.50	-845.19	15	-7.66	27	-150.74	13	601.70	9	-1240.95	31	-10.63	13
314	422	428	Min.	273.17					-1.29	21			405.59	21		
314	422	428	Min.	577.50	-845.19	15	-7.66	27	-21.07	27	-1008.21	9	-1321.90	9	-10.63	13
314	428	434	Max	12.50	161.10	25	38.69	15	39.15	25	1227.14	31	-196.40	9	47.67	19
314	428	434	Max	443.17					43.93	31			925.50	31		
314	428	434	Max	577.50	161.10	25	38.69	15	97.11	15	-382.76	31	668.41	31	47.67	19
314	428	434	Min.	12.50	-325.14	15	-16.03	25	-121.47	15	619.00	9	-1716.96	31	-4.95	5
314	428	434	Min.	233.58					3.08	27			472.68	27		
314	428	434	Min.	577.50	-325.14	15	-16.03	25	-51.42	25	-990.91	9	-1247.06	9	-4.95	5
315	-150	-149	Max	0.00	227.67	27	2.38	7	2.12	17	256.39	1	0.00	1	-0.07	7
315	-150	-149	Max	205.00					1.14	1			262.80	1		
315	-150	-149	Max	410.00	227.67	27	2.38	7	6.25	15	-256.39	1	0.00	1	-0.07	7
315	-150	-149	Min.	0.00	-159.25	13	-0.48	17	-3.54	7	256.39	1	0.00	1	-0.17	17
315	-150	-149	Min.	205.00					1.14	1			262.80	1		
315	-150	-149	Min.	410.00	-159.25	13	-0.48	17	0.13	25	-256.39	1	0.00	1	-0.17	17
315	-149	-140	Max	0.00	165.39	27	4.48	15	-1.73	25	256.39	1	0.00	1	0.02	9
315	-149	-140	Max	205.00					-0.04	1			262.80	1		
315	-149	-140	Max	410.00	165.39	27	4.48	15	9.47	15	-256.39	1	0.00	1	0.02	9
315	-149	-140	Min.	0.00	-146.54	13	0.73	25	-8.89	15	256.39	1	0.00	1	-0.02	31
315	-149	-140	Min.	205.00					-0.04	1			262.80	1		
315	-149	-140	Min.	410.00	-146.54	13	0.73	25	1.27	25	-256.39	1	0.00	1	-0.02	31
315	-140	-139	Max	0.00	93.16	27	2.99	13	-0.55	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	93.16	27	2.99	13	8.70	13	-378.72	1	0.00	1	0.01	3
315	-140	-139	Min.	0.00	-107.55	13	0.17	27	-8.93	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	-107.55	13	0.17	27	0.45	27	-378.72	1	0.00	1	-0.02	21
315	-139	-138	Max	0.00	-8.63	23	2.06	15	0.01	25	378.72	1	0.00	1	0.26	5
315	-139	-138	Max	295.00					-0.23	1			558.62	1		
315	-139	-138	Max	590.00	-8.63	23	2.06	15	5.38	15	-378.72	1	0.00	1	0.26	5
315	-139	-138	Min.	0.00	-42.64	1	-0.01	25	-6.80	15	378.72	1	0.00	1	-0.12	19
315	-139	-138	Min.	295.00					-0.23	1			558.62	1		
315	-139	-138	Min.	590.00	-42.64	1	-0.01	25	-0.06	25	-378.72	1	0.00	1	-0.12	19
316	311	317	Max	17.50	1318.17	27	64.38	21	2.66	3	495.27	1	0.00	1	53.94	21
316	311	317	Max	207.50					20.67	1			470.50	1		
316	311	317	Max	397.50	1318.17	27	64.38	21	139.65	21	-495.27	1	0.00	1	53.94	21
316	311	317	Min.	17.50	-724.85	13	9.92	3	-104.98	21	495.27	1	0.00	1	17.42	3
316	311	317	Min.	207.50					20.67	1			470.50	1		
316	311	317	Min.	397.50	-724.85	13	9.92	3	40.37	3	-495.27	1	0.00	1	17.42	3
316	317	323	Max	12.50	889.71	27	70.59	29	-95.03	11	1014.32	31	922.59	9	10.56	23
316	317	323	Max	387.54					129.14	15			506.84	15		
316	317	323	Max	397.50	889.71	27	70.59	29	139.47	29	10.75	31	570.46	31	10.56	23
316	317	323	Min.	12.50	-592.36	13	47.80	11	-132.30	29	-96.90	9	-1402.80	31	1.95	1
316	317	323	Min.	235.96					18.98	3			151.87	3		
316	317	323	Min.	397.50	-592.36	13	47.80	11	88.99	11	-1100.47	9	-1382.35	9	1.95	1
316	323	329	Max	12.50	488.61	27	36.18	29	-58.21	11	952.06	31	-21.11	9	6.27	23
316	323	329	Max	377.74					30.29	31			472.31	31		
316	323	329	Max	577.50	488.61	27	36.18	29	102.97	29	-520.72	31	-47.78	31	6.27	23
316	323	329	Min.	12.50	-470.96	13	20.94	11	-101.45	29	500.61	9	-1266.32	31	-0.96	1
316	323	329	Min.	271.99					-5.53	21			371.64	21		
316	323	329	Min.	577.50	-470.96	13	20.94	11	60.11	11	-972.16	9	-1353.25	9	-0.96	1
316	329	335	Max	12.50	21.05	27	26.65	5	-64.03	17	1183.61	31	32.19	9	26.56	17
316	329	335	Max	466.57					33.08	31			944.86	31		
316	329	335	Max	577.50	21.05	27	26.65	5	75.01	11	-289.16	31	784.48	31	26.56	17
316	329	335	Min.	12.50	-212.22	13	22.17	19	-79.64	7	474.91	9	-1742.35	31	-46.38	7
316	329	335	Min.	282.81					-3.43	1			409.87	1		
316	329	335	Min.	577.50	-212.22	13	22.17	19	57.18	29	-997.86	9	-1445.14	9	-46.38	7
317	-153	-151	Max	0.00	122.75	25	3.89	11	-2.60	29	214.31	1	0.00	1	0.59	9
317	-153	-151	Max	205.00					0.94	1			219.67	1		
317	-153	-151	Max	410.00	122.75	25	3.89	11	8.81	11	-214.31	1	0.00	1	0.59	9
317	-153	-151	Min.	0.00	-241.00	15	1.84	29	-7.16	11	214.31	1	0.00	1	0.28	31
317	-153	-151	Min.	205.00					0.94	1			219.67	1		
317	-153	-151	Min.	410.00	-241.00	15	1.84	29	4.93	29	-214.31	1	0.00	1	0.28	31
317	-151	-145	Max	0.00	142.00	27	4.66	9	-7.64	31	214.31	1	0.00	1	0.11	13
317	-151	-145	Max	205.00					-0.01	1			219.67	1		
317	-151	-145	Max	410.00	142.00	27	4.66	9	9.46	9	-214.31	1	0.00	1	0.11	13
317	-151	-145	Min.	0.00	-155.58	13	3.77	31	-9.65	9	214.31	1	0.00	1	-0.03	27
317	-151	-145	Min.	205.00					-0.01	1			219.67	1		
317	-151	-145	Min.	410.00	-155.58	13	3.77	31	7.84	31	-214.31	1	0.00	1	-0.03	27
317	-145	-143	Max	0.00	97.78	27	2.89	9	-7.08	31	318.17	1	0.00	1	0.10	7
317	-145	-143	Max	295.00					-0.03	1			469.31	1		
317	-145	-143	Max	590.00	97.78	27	2.89	9	8.51	9	-318.17	1	0.00	1	0.10	7
317	-145	-143	Min.	0.00	-64.16	13	2.36	31	-8.51	9	318.17	1	0.00	1	0.01	17
317	-145	-143	Min.	295.00					-0.03	1			469.31	1		
317	-145	-143	Min.	590.00	-64.16	13	2.36	31	6.83	31	-318.17	1	0.00	1	0.01	17
317	-143	-141	Max	0.00	43.71	31	2.96	11	-5.39	29	318.17	1	0.00	1	-0.11	11
317	-143	-141	Max	295.00					-0.15	1			469.31	1		
317	-143	-141	Max	590.00	43.71	31	2.96	11	8.80	11	-318.17	1	0.00	1	-0.11	11
317	-143	-141	Min.	0.00	4.07	9	1.63	29	-8.69	11	318.17	1	0.00	1	-0.31	29
317	-143	-141	Min.	295.00					-0.15	1			469.31	1		

317	-143	-141	Min.	590.00	4.07	9	1.63	29	4.22	29	-318.17	1	0.00	1	-0.31	29
318	-154	-152	Max	0.00	154.14	27	4.00	15	-1.43	25	212.31	1	0.00	1	0.26	11
318	-154	-152	Max	205.00					0.65	1			217.62	1		
318	-154	-152	Max	410.00	154.14	27	4.00	15	9.36	15	-212.31	1	0.00	1	0.26	11
318	-154	-152	Min.	0.00	-25.71	13	0.89	25	-7.03	15	212.31	1	0.00	1	0.01	29
318	-154	-152	Min.	205.00					0.65	1			217.62	1		
318	-154	-152	Min.	410.00	-25.71	13	0.89	25	2.22	25	-212.31	1	0.00	1	0.01	29
318	-152	-146	Max	0.00	111.91	9	5.74	13	-3.00	27	212.31	1	0.00	1	-0.03	15
318	-152	-146	Max	205.00					-0.01	1			217.62	1		
318	-152	-146	Max	410.00	111.91	9	5.74	13	11.84	13	-212.31	1	0.00	1	-0.03	15
318	-152	-146	Min.	0.00	-79.02	31	1.43	27	-11.69	13	212.31	1	0.00	1	-0.15	25
318	-152	-146	Min.	205.00					-0.01	1			217.62	1		
318	-152	-146	Min.	410.00	-79.02	31	1.43	27	2.87	27	-212.31	1	0.00	1	-0.15	25
318	-146	-144	Max	0.00	63.96	9	3.67	13	-2.43	27	315.29	1	0.00	1	-0.04	13
318	-146	-144	Max	295.00					-0.03	1			465.05	1		
318	-146	-144	Max	590.00	63.96	9	3.67	13	10.80	13	-315.29	1	0.00	1	-0.04	13
318	-146	-144	Min.	0.00	-73.57	31	0.81	27	-10.88	13	315.29	1	0.00	1	-0.08	27
318	-146	-144	Min.	295.00					-0.03	1			465.05	1		
318	-146	-144	Min.	590.00	-73.57	31	0.81	27	2.34	27	-315.29	1	0.00	1	-0.08	27
318	-144	-142	Max	0.00	4.16	9	3.07	13	-2.57	27	315.29	1	0.00	1	0.25	11
318	-144	-142	Max	295.00					-0.11	1			465.05	1		
318	-144	-142	Max	590.00	4.16	9	3.07	13	8.50	13	-315.29	1	0.00	1	0.25	11
318	-144	-142	Min.	0.00	-49.11	31	0.90	27	-9.64	13	315.29	1	0.00	1	0.08	29
318	-144	-142	Min.	295.00					-0.11	1			465.05	1		
318	-144	-142	Min.	590.00	-49.11	31	0.90	27	2.73	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	1906.37	21	3926.69	3	1405.16	13
501	1	2	Max	367.60									-315.18	29		
501	1	2	Max	416.50	0.00	1	0.00	1	0.00	1	2171.53	23	3264.13	21	1405.16	13
501	1	2	Min.	12.50	0.00	1	0.00	1	0.00	1	-1749.24	3	-4506.05	21	-386.97	27
501	1	2	Min.	367.60									-315.18	29		
501	1	2	Min.	416.50	0.00	1	0.00	1	0.00	1	-1366.58	1	-2365.12	3	-386.97	27
501	2	3	Max	12.50	0.00	1	0.00	1	0.00	1	1245.55	21	2794.49	1	329.44	31
501	2	3	Max	32.33									-232.10	15		
501	2	3	Max	337.50	0.00	1	0.00	1	0.00	1	1787.22	23	2721.32	23	329.44	31
501	2	3	Min.	12.50	0.00	1	0.00	1	0.00	1	-1906.64	3	-2085.64	23	-129.03	9
501	2	3	Min.	318.78									-263.41	29		
501	2	3	Min.	337.50	0.00	1	0.00	1	0.00	1	-1258.46	1	-2246.03	1	-129.03	9
501	3	4	Max	12.50	0.00	1	0.00	1	0.00	1	1048.37	21	2977.70	3	25.40	21
501	3	4	Max	96.98									-362.56	15		
501	3	4	Max	428.50	0.00	1	0.00	1	0.00	1	1686.37	23	2788.45	23	25.40	21
501	3	4	Min.	12.50	0.00	1	0.00	1	0.00	1	-1798.81	3	-2473.27	21	-151.99	3
501	3	4	Min.	27.65									-575.52	31		
501	3	4	Min.	428.50	0.00	1	0.00	1	0.00	1	-1158.14	1	-2657.33	1	-151.99	3
501	4	5	Max	12.50	0.00	1	0.00	1	0.00	1	1366.54	21	2562.05	3	189.75	27
501	4	5	Max	299.58									-188.79	29		
501	4	5	Max	337.50	0.00	1	0.00	1	0.00	1	1949.30	23	2859.53	21	189.75	27
501	4	5	Min.	12.50	0.00	1	0.00	1	0.00	1	-1681.94	3	-2410.03	21	-273.51	13
501	4	5	Min.	299.58									-188.79	29		
501	4	5	Min.	337.50	0.00	1	0.00	1	0.00	1	-1199.81	1	-2025.31	3	-273.51	13
501	5	6	Max	12.50	0.00	1	0.00	1	0.00	1	1358.60	21	3303.18	1	402.48	9
501	5	6	Max	69.70									-272.67	15		
501	5	6	Max	416.50	0.00	1	0.00	1	0.00	1	1735.85	23	3915.58	23	402.48	9
501	5	6	Min.	12.50	0.00	1	0.00	1	0.00	1	-2182.51	3	-2320.64	23	-1388.57	31
501	5	6	Min.	69.70									-272.67	15		
501	5	6	Min.	416.50	0.00	1	0.00	1	0.00	1	-1916.10	1	-4509.65	1	-1388.57	31
506	31	32	Max	12.50	0.00	1	0.00	1	0.00	1	1673.07	7	2820.83	17	637.24	15
506	31	32	Max	416.50	0.00	1	0.00	1	0.00	1	841.96	5	1555.58	7	637.24	15
506	31	32	Min.	12.50	0.00	1	0.00	1	0.00	1	-881.88	17	-3414.35	7	-762.41	25
506	31	32	Min.	416.50	0.00	1	0.00	1	0.00	1	-1457.08	19	-1895.60	17	-762.41	25
506	32	33	Max	12.50	0.00	1	0.00	1	0.00	1	1201.46	7	1251.90	19	147.02	31
506	32	33	Max	337.50	0.00	1	0.00	1	0.00	1	598.84	5	1487.48	5	147.02	31
506	32	33	Min.	12.50	0.00	1	0.00	1	0.00	1	-518.71	17	-1427.88	5	-149.80	9
506	32	33	Min.	337.50	0.00	1	0.00	1	0.00	1	-1002.76	19	-1139.15	19	-149.80	9
506	33	-6	Max	12.50	0.00	1	0.00	1	0.00	1	471.64	7	1507.43	17	308.58	27
506	33	-6	Max	220.50	0.00	1	0.00	1	0.00	1	-155.53	7	-783.09	15	308.58	27
506	33	-6	Min.	12.50	0.00	1	0.00	1	0.00	1	-965.15	17	-1172.33	7	-316.79	13
506	33	-6	Min.	220.50	0.00	1	0.00	1	0.00	1	-1426.21	17	-980.23	25	-316.79	13
506	-6	34	Max	0.00	0.00	1	0.00	1	0.00	1	1426.21	5	-783.30	29	292.77	31
506	-6	34	Max	208.00	0.00	1	0.00	1	0.00	1	965.39	5	1507.54	5	292.77	31
506	-6	34	Min.	0.00	0.00	1	0.00	1	0.00	1	157.33	19	-980.20	11	-329.23	9
506	-6	34	Min.	208.00	0.00	1	0.00	1	0.00	1	-469.39	19	-1168.38	19	-329.23	9
506	34	35	Max	12.50	0.00	1	0.00	1	0.00	1	1002.57	7	1491.41	17	158.29	27
506	34	35	Max	337.50	0.00	1	0.00	1	0.00	1	516.64	5	1252.71	7	158.29	27
506	34	35	Min.	12.50	0.00	1	0.00	1	0.00	1	-601.33	17	-1139.03	7	-141.14	13
506	34	35	Min.	337.50	0.00	1	0.00	1	0.00	1	-1200.95	19	-1430.98	17	-141.14	13
506	35	36	Max	12.50	0.00	1	0.00	1	0.00	1	1458.41	7	1552.80	19	766.57	11
506	35	36	Max	416.50	0.00	1	0.00	1	0.00	1	879.92	5	2815.40	5	766.57	11
506	35	36	Min.	12.50	0.00	1	0.00	1	0.00	1	-843.74	17	-1893.35	5	-631.73	29
506	35	36	Min.	416.50	0.00	1	0.00	1	0.00	1	-1671.37	19	-3411.35	19	-631.73	29
507	1	7	Max	17.50	0.00	1	0.00	1	0.00	1	2276.67	13	3980.14	27	678.71	3
507	1	7	Max	617.50	0.00	1	0.00	1	0.00	1	1439.48	15	3408.25	13	678.71	3
507	1	7	Min.	17.50	0.00	1	0.00	1	0.00	1	-1401.74	27	-6262.24	13	-846.91	21
507	1	7	Min.	617.50	0.00	1	0.00	1	0.00	1	-1409.59	25	-3430.94	27	-846.91	21
507	7	13	Max	17.50	0.00	1	0.00	1	0.00	1	1164.66	13	4548.51	27	93.84	19
507	7	13	Max	397.50	0.00	1	0.00	1	0.00	1	579.73	13	1236.40	13	93.84	19
507	7	13	Min.	17.50	0.00	1	0.00	1	0.00	1	-2166.01	27	-2186.32	13	-167.50	5
507	7	13	Min.	397.50	0.00	1	0.00	1	0.00	1	-1892.04	27	-2746.80	27	-167.50	5
507	13	19	Max	12.50	0.00	1	0.00	1	0.00	1	1338.84	13	746.69	27	59.86	23
507	13	19	Max	397.50	0.00	1	0.00	1	0.00	1	550.54	15	1438.12	13	59.86	23
507	13	19	Min.	12.50	0.00	1	0.00	1	0.00	1	-401.97	27	-2019.08	13	-99.91	1

507	13	19	Min.	397.50	0.00	1	0.00	1	0.00	1	-979.34	25	-1771.71	27	-99.91	1
507	19	25	Max	12.50	0.00	1	0.00	1	0.00	1	1010.36	13	1294.04	27	235.50	23
507	19	25	Max	577.50	0.00	1	0.00	1	0.00	1	267.87	15	1125.40	15	235.50	23
507	19	25	Min.	12.50	0.00	1	0.00	1	0.00	1	-333.61	27	-1762.17	13	-213.28	1
507	19	25	Min.	577.50	0.00	1	0.00	1	0.00	1	-921.72	25	-1691.08	25	-213.28	1
507	25	31	Max	12.50	0.00	1	0.00	1	0.00	1	1059.43	13	1420.83	27	862.25	7
507	25	31	Max	577.50	0.00	1	0.00	1	0.00	1	555.99	15	2301.34	13	862.25	7
507	25	31	Min.	12.50	0.00	1	0.00	1	0.00	1	-404.39	27	-1916.94	13	-655.47	17
507	25	31	Min.	577.50	0.00	1	0.00	1	0.00	1	-1436.43	25	-3034.06	27	-655.47	17
519	6	12	Max	17.50	0.00	1	0.00	1	0.00	1	2263.93	31	3976.49	9	848.32	1
519	6	12	Max	617.50	0.00	1	0.00	1	0.00	1	1434.75	29	3393.85	31	848.32	1
519	6	12	Min.	17.50	0.00	1	0.00	1	0.00	1	-1401.26	9	-6231.81	31	-677.13	23
519	6	12	Min.	617.50	0.00	1	0.00	1	0.00	1	-1405.45	11	-3421.86	9	-677.13	23
519	12	18	Max	17.50	0.00	1	0.00	1	0.00	1	1157.25	31	4538.37	9	168.24	17
519	12	18	Max	397.50	0.00	1	0.00	1	0.00	1	574.87	31	1228.01	31	168.24	17
519	12	18	Min.	17.50	0.00	1	0.00	1	0.00	1	-2161.51	9	-2172.36	31	-94.22	7
519	12	18	Min.	397.50	0.00	1	0.00	1	0.00	1	-1888.04	9	-2741.04	9	-94.22	7
519	18	24	Max	12.50	0.00	1	0.00	1	0.00	1	1335.03	31	742.94	9	100.31	21
519	18	24	Max	397.50	0.00	1	0.00	1	0.00	1	547.44	29	1431.21	31	100.31	21
519	18	24	Min.	12.50	0.00	1	0.00	1	0.00	1	-399.80	9	-2013.22	31	-60.74	3
519	18	24	Min.	397.50	0.00	1	0.00	1	0.00	1	-976.99	11	-1767.09	9	-60.74	3
519	24	30	Max	12.50	0.00	1	0.00	1	0.00	1	1007.51	31	1290.09	9	213.29	21
519	24	30	Max	577.50	0.00	1	0.00	1	0.00	1	265.60	29	1119.71	29	213.29	21
519	24	30	Min.	12.50	0.00	1	0.00	1	0.00	1	-332.15	9	-1755.71	31	-236.44	3
519	24	30	Min.	577.50	0.00	1	0.00	1	0.00	1	-919.40	11	-1686.11	11	-236.44	3
519	30	36	Max	12.50	0.00	1	0.00	1	0.00	1	1056.45	31	1417.18	9	654.24	5
519	30	36	Max	577.50	0.00	1	0.00	1	0.00	1	550.81	29	2288.46	31	654.24	5
519	30	36	Min.	12.50	0.00	1	0.00	1	0.00	1	-403.44	9	-1909.53	31	-862.61	19
519	30	36	Min.	577.50	0.00	1	0.00	1	0.00	1	-1433.83	11	-3029.45	9	-862.61	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	-3740.01	26	2382.76	14	1360.23	28	756.33	4	1778.69	22	14.54	4
1	1	101	Max	310.50	-3097.97	26	2382.76	14	4364.87	14	756.33	4	797.54	4	14.54	4
1	1	101	Min.	17.00	-4951.39	16	-72.94	28	-2628.55	14	-1062.61	22	-1422.30	4	-14.35	22
1	1	101	Min.	310.50	-4309.36	16	-72.94	28	1146.17	28	-1062.61	22	-1340.08	22	-14.35	22
2	2	302	Max	17.00	-7005.30	26	2592.69	14	179.44	28	1397.28	4	2365.52	22	14.54	4
2	2	302	Max	310.50	-6363.26	26	2592.69	14	6546.44	14	1397.28	4	1886.46	4	14.54	4
2	2	302	Min.	17.00	-7942.61	16	1305.67	28	-1063.11	14	-1460.36	22	-2214.55	4	-14.35	22
2	2	302	Min.	310.50	-7300.58	16	1305.67	28	4011.57	28	-1460.36	22	-1920.64	22	-14.35	22
3	3	403	Max	17.00	-7044.02	28	2464.72	14	165.06	28	1386.16	4	2225.78	22	14.54	4
3	3	403	Max	310.50	-6401.99	28	2464.72	14	6581.73	14	1386.16	4	1805.86	4	14.54	4
3	3	403	Min.	17.00	-8036.32	14	1342.85	28	-652.24	14	-1396.51	22	-2262.51	4	-14.35	22
3	3	403	Min.	310.50	-7394.29	14	1342.85	28	4106.33	28	-1396.51	22	-1872.99	22	-14.35	22
4	4	404	Max	17.00	-6514.52	10	2167.94	32	331.04	10	1408.69	4	2241.46	22	14.54	4
4	4	404	Max	310.50	-5872.49	10	2167.94	32	5877.53	32	1408.69	4	1888.14	4	14.54	4
4	4	404	Min.	17.00	-7505.01	32	1046.98	10	-485.39	32	-1374.14	22	-2246.35	4	-14.35	22
4	4	404	Min.	310.50	-6862.98	32	1046.98	10	3403.94	10	-1374.14	22	-1791.64	22	-14.35	22
5	5	305	Max	17.00	-6988.45	12	2591.20	32	144.32	10	1448.35	2	2230.29	24	14.54	4
5	5	305	Max	310.50	-6346.42	12	2591.20	32	6510.47	32	1448.35	2	1905.53	2	14.54	4
5	5	305	Min.	17.00	-7924.60	30	1307.16	10	-1094.70	32	-1406.53	24	-2345.38	2	-14.35	22
5	5	305	Min.	310.50	-7282.56	30	1307.16	10	3980.84	10	-1406.53	24	-1897.88	24	-14.35	22
6	6	106	Max	17.00	-3741.28	12	2377.10	32	1351.93	10	1064.96	2	1413.89	24	14.54	4
6	6	106	Max	310.50	-3099.25	12	2377.10	32	4355.15	32	1064.96	2	1341.88	2	14.54	4
6	6	106	Min.	17.00	-4952.04	30	-69.44	10	-2621.64	32	-752.10	24	-1783.78	2	-14.35	22
6	6	106	Min.	310.50	-4310.01	30	-69.44	10	1148.14	10	-752.10	24	-793.53	24	-14.35	22
7	7	107	Max	17.00	-4876.04	4	574.25	14	4106.61	28	289.60	4	673.74	22	14.54	4
7	7	107	Max	310.53	-4233.95	4	574.25	14	-208.93	14	289.60	4	308.81	4	14.54	4
7	7	107	Min.	17.00	-6085.92	22	-3051.50	28	-1894.53	14	-613.98	22	-541.27	4	-14.35	22
7	7	107	Min.	310.53	-5443.82	22	-3051.50	28	-4850.47	28	-613.98	22	-1128.49	22	-14.35	22
8	8	-155	Max	0.00	-8868.44	16	-1422.54	14	878.00	28	541.25	4	519.65	22	14.09	4
8	8	-155	Max	305.50	-8200.16	16	-1422.54	14	-4314.98	14	541.25	4	1151.76	4	14.09	4
8	8	-155	Min.	0.00	-9807.34	26	-2429.75	28	30.88	14	-591.06	22	-501.76	4	-13.90	22
8	8	-155	Min.	305.50	-9139.06	26	-2429.75	28	-6544.90	28	-591.06	22	-1286.03	22	-13.90	22
8	-155	308	Max	17.50	-1190.53	22	428.17	32	402.11	10	2274.17	22	1173.00	4	40.86	4
8	-155	308	Max	17.58	-1190.36	22	428.17	32	401.57	10	2273.95	22	1172.49	4	40.86	4
8	-155	308	Min.	17.50	-1664.93	4	-706.21	10	212.29	32	-675.57	4	-1064.08	22	-17.35	22
8	-155	308	Min.	17.58	-1664.76	4	-706.21	10	212.61	32	-675.57	4	-1062.36	22	-17.35	22
9	9	-15	Max	0.00	-9149.74	32	-1489.97	14	847.02	28	558.09	4	504.83	22	14.09	4
9	9	-15	Max	305.50	-8481.46	32	-1489.97	14	-4496.96	14	558.09	4	1196.86	4	14.09	4
9	9	-15	Min.	0.00	-10119.10	10	-2331.49	28	54.91	14	-551.76	22	-508.11	4	-13.90	22
9	9	-15	Min.	305.50	-9450.84	10	-2331.49	28	-6275.70	28	-551.76	22	-1180.78	22	-13.90	22
9	-15	409	Max	17.50	-1398.59	22	171.59	32	738.39	10	1366.50	22	1025.71	2	228.89	10
9	-15	409	Max	42.09	-1344.81	22	171.58	32	348.33	10	1366.48	22	555.11	2	228.89	10
9	-15	409	Min.	17.50	-1834.24	4	-1586.44	10	97.80	32	-1931.08	4	-1090.60	24	124.90	32
9	-15	409	Min.	42.09	-1780.46	4	-1586.41	10	139.99	32	-1931.05	4	-758.83	24	124.90	32
10	10	-16	Max	0.00	-7795.96	14	-1191.86	32	777.76	10	538.15	2	512.05	24	14.09	4
10	10	-16	Max	305.50	-7127.68	14	-1191.86	32	-3654.73	32	538.15	2	1143.59	2	14.09	4
10	10	-16	Min.	0.00	-8765.39	28	-2032.32	10	-13.61	32	-571.23	24	-500.46	2	-13.90	22
10	10	-16	Min.	305.50	-8097.11	28	-2032.32	10	-5430.96	10	-571.23	24	-1233.06	24	-13.90	22
10	-16	410	Max	17.50	-1583.04	2	800.76	14	370.11	28	2219.32	24	1096.46	4	-70.01	14
10	-16	410	Max	42.09	-1529.25	2	800.75	14	134.23	28	2219.28	24	835.56	4	-70.01	14
10	-16	410	Min.	17.50	-2018.50	24	-959.34	28	-271.15	14	-1076.72	2	-1020.82	22	-174.23	28
10	-16	410	Min.	42.09	-1964.72	24	-959.32	28	-74.27	14	-1076.71	2	-478.98	22	-174.23	28
11	11	-7	Max	0.00	-8787.78	30	-1398.14	32	871.47	10	589.07	2	501.32	24	14.09	4
11	11	-7	Max	305.50	-8119.50	30	-1398.14	32	-4245.16	32	589.07	2	1279.94	2	14.09	4
11	11	-7	Min.	0.00	-9725.79	12	-2403.01	10	26.15	32	-542.77	24	-519.66	2	-13.90	22
11	11	-7	Min.	305.50	-9057.51	12	-2403.01	10	-6469.73	10	-542.76	24	-1156.83	24	-13.90	22

11	-7	311	Max	17.50	-1105.17	2	226.17	14	477.52	28	356.73	24	1001.89	2	-48.08	2
11	-7	311	Max	17.58	-1105.00	2	226.16	14	476.83	28	356.72	24	999.93	2	-48.08	2
11	-7	311	Min.	17.50	-1579.32	24	-909.30	28	287.51	14	-2591.66	2	-1234.16	24	-105.78	24
11	-7	311	Min.	17.58	-1579.15	24	-909.30	28	287.69	14	-2591.65	2	-1233.89	24	-105.78	24
12	12	112	Max	17.00	-4882.29	24	565.68	32	4100.62	10	615.34	2	538.77	24	14.54	4
12	12	112	Max	310.53	-4240.19	24	565.68	32	-219.08	32	615.34	2	1130.71	2	14.54	4
12	12	112	Min.	17.00	-6091.30	2	-3047.30	10	-1879.51	32	-287.79	24	-675.50	2	-14.35	22
12	12	112	Min.	310.53	-5449.20	2	-3047.30	10	-4844.12	10	-287.79	24	-305.98	24	-14.35	22
13	13	113	Max	17.00	-1535.62	4	896.96	14	1563.03	28	189.21	2	455.74	24	6.99	4
13	13	113	Max	310.53	-1076.98	4	896.96	14	1269.90	14	189.21	2	209.92	2	6.99	4
13	13	113	Min.	17.00	-2128.62	22	-958.28	28	-1362.95	14	-485.11	24	-345.47	2	-6.89	22
13	13	113	Min.	310.53	-1669.98	22	-958.28	28	-1249.82	28	-485.11	24	-968.21	24	-6.89	22
14	14	314	Max	0.00	-2679.40	28	341.16	14	261.14	28	407.59	2	381.37	24	-9.63	2
14	14	314	Max	340.58	-2147.25	28	341.16	14	738.02	14	407.59	2	952.25	2	-9.63	2
14	14	314	Min.	0.00	-3171.54	14	-167.96	28	-423.90	14	-299.64	24	-435.91	2	-23.34	24
14	14	314	Min.	340.58	-2639.39	14	-167.96	28	-310.90	28	-299.64	24	-639.14	24	-23.34	24
15	15	415	Max	0.00	-2820.94	28	352.04	14	193.24	28	226.47	2	408.47	24	0.04	10
15	15	415	Max	365.09	-2250.49	28	352.04	14	822.56	14	226.47	2	495.42	2	0.04	10
15	15	415	Min.	0.00	-3339.52	14	-102.09	28	-462.70	14	-348.73	24	-331.39	2	-17.16	32
15	15	415	Min.	365.09	-2769.07	14	-102.09	28	-179.46	28	-348.73	24	-864.68	24	-17.16	32
16	16	416	Max	0.00	-2805.00	10	339.96	32	209.50	10	348.74	4	330.92	22	19.68	14
16	16	416	Max	365.09	-2234.55	10	339.96	32	795.19	32	348.73	4	864.20	4	19.68	14
16	16	416	Min.	0.00	-3323.20	32	-113.83	10	-445.95	32	-226.49	22	-408.99	4	2.12	28
16	16	416	Min.	365.09	-2752.75	32	-113.83	10	-206.09	10	-226.49	22	-495.99	22	2.12	28
17	17	317	Max	0.00	-2676.14	10	340.33	32	261.62	10	300.66	4	434.84	22	20.78	4
17	17	317	Max	340.58	-2143.99	10	340.33	32	737.04	32	300.66	4	641.51	4	20.78	4
17	17	317	Min.	0.00	-3167.33	32	-167.76	10	-422.02	32	-406.60	22	-382.47	4	6.94	22
17	17	317	Min.	340.58	-2635.19	32	-167.76	10	-309.73	10	-406.60	22	-949.93	22	6.94	22
18	18	118	Max	17.00	-1537.88	24	892.23	32	1560.19	10	486.57	4	344.16	22	6.99	4
18	18	118	Max	310.53	-1079.24	24	892.23	32	1263.46	32	486.57	4	971.10	4	6.99	4
18	18	118	Min.	17.00	-2130.71	2	-956.47	10	-1355.52	32	-187.78	22	-457.12	4	-6.89	22
18	18	118	Min.	310.53	-1672.07	2	-956.47	10	-1247.35	10	-187.78	22	-207.03	22	-6.89	22
19	19	119	Max	17.00	-2119.06	4	894.89	14	1295.38	28	159.84	18	477.93	8	6.99	4
19	19	119	Max	310.53	-1660.42	4	894.89	14	1217.21	14	159.84	18	138.03	18	6.99	4
19	19	119	Min.	17.00	-2779.58	22	-793.82	28	-1409.57	14	-519.22	8	-331.13	18	-6.89	22
19	19	119	Min.	310.53	-2320.94	22	-793.82	28	-1034.73	28	-519.22	8	-1046.13	8	-6.89	22
20	20	320	Max	0.00	-3232.67	16	403.92	14	287.01	28	418.86	18	374.25	8	-10.67	2
20	20	320	Max	340.58	-2700.52	16	403.92	14	917.97	14	418.86	18	985.85	18	-10.67	2
20	20	320	Min.	0.00	-3545.19	26	-215.68	28	-457.67	14	-287.08	8	-440.70	18	-23.29	24
20	20	320	Min.	340.58	-3013.04	26	-215.68	28	-447.56	28	-287.08	8	-603.47	8	-23.29	24
21	21	421	Max	0.00	-3515.97	16	405.17	14	220.80	28	198.86	20	421.79	6	1.80	10
21	21	421	Max	365.09	-2945.52	16	405.17	14	984.83	14	198.86	20	412.48	20	1.80	10
21	21	421	Min.	0.00	-3856.69	26	-146.77	28	-494.39	14	-371.14	6	-313.51	20	-18.11	32
21	21	421	Min.	365.09	-3286.24	26	-146.77	28	-315.06	28	-371.14	6	-933.21	6	-18.11	32
22	22	422	Max	0.00	-3521.19	30	392.01	32	237.17	10	371.62	18	313.06	8	20.55	14
22	22	422	Max	365.09	-2950.74	30	392.01	32	953.72	32	371.62	18	934.23	18	20.55	14
22	22	422	Min.	0.00	-3861.59	12	-159.52	10	-477.48	32	-198.58	8	-422.49	18	0.28	28
22	22	422	Min.	365.09	-3291.14	12	-159.52	10	-345.20	10	-198.58	8	-411.93	8	0.28	28
23	23	323	Max	0.00	-3232.41	30	402.02	32	288.12	10	288.03	20	439.58	8	20.45	4
23	23	323	Max	340.58	-2700.26	30	402.02	32	914.12	32	288.03	20	605.87	20	20.45	4
23	23	323	Min.	0.00	-3544.25	12	-216.34	10	-455.07	32	-417.65	6	-375.13	18	7.71	22
23	23	323	Min.	340.58	-3012.10	12	-216.34	10	-448.68	10	-417.65	6	-982.86	6	7.71	22
24	24	124	Max	17.00	-2120.97	24	890.35	32	1292.99	10	520.42	20	329.91	6	6.99	4
24	24	124	Max	310.53	-1662.33	24	890.35	32	1210.94	32	520.42	20	1048.79	20	6.99	4
24	24	124	Min.	17.00	-2781.31	2	-792.44	10	-1402.50	32	-158.35	6	-478.80	20	-6.89	22
24	24	124	Min.	310.53	-2322.67	2	-792.44	10	-1033.07	10	-158.35	6	-134.90	6	-6.89	22
25	25	125	Max	17.00	-2437.93	18	799.82	14	1355.43	28	174.79	18	651.02	8	6.99	4
25	25	125	Max	310.53	-1979.29	18	799.82	14	1055.34	14	174.79	18	103.45	18	6.99	4
25	25	125	Min.	17.00	-3080.73	8	-826.71	28	-1292.37	14	-607.69	8	-409.61	18	-6.89	22
25	25	125	Min.	310.53	-2622.09	8	-826.71	28	-1071.23	28	-607.69	8	-1132.75	8	-6.89	22
26	26	326	Max	0.00	-3771.75	6	362.44	14	296.33	28	427.16	18	372.74	8	-11.77	2
26	26	326	Max	340.58	-3239.60	6	362.44	14	798.30	14	427.16	18	1009.53	18	-11.77	2
26	26	326	Min.	0.00	-3933.46	20	-232.77	28	-436.07	14	-281.98	8	-445.27	18	-24.73	24
26	26	326	Min.	340.58	-3401.31	20	-232.77	28	-496.43	28	-281.98	8	-587.62	8	-24.73	24
27	27	427	Max	0.00	-4167.05	6	367.97	14	233.64	28	183.30	18	432.20	8	1.30	10
27	27	427	Max	365.09	-3596.61	6	367.96	14	870.67	14	183.30	18	364.87	18	1.30	10
27	27	427	Min.	0.00	-4365.07	20	-166.87	28	-472.73	14	-386.38	8	-304.33	18	-18.79	32
27	27	427	Min.	365.09	-3794.62	20	-166.87	28	-375.57	28	-386.38	8	-978.44	8	-18.79	32
28	28	428	Max	0.00	-4165.46	18	355.63	32	249.10	10	386.41	20	303.61	6	21.43	14
28	28	428	Max	365.09	-3595.01	18	355.63	32	841.64	32	386.41	20	978.48	20	21.43	14
28	28	428	Min.	0.00	-4363.56	8	-178.81	10	-456.74	32	-182.76	6	-432.26	20	0.99	28
28	28	428	Min.	365.09	-3793.11	8	-178.81	10	-403.69	10	-182.76	6	-363.63	6	0.99	28
29	29	329	Max	0.00	-3768.80	18	360.41	32	297.70	10	282.85	18	444.59	8	21.58	4
29	29	329	Max	340.58	-3236.65	18	360.41	32	794.23	32	282.85	18	589.89	18	21.58	4
29	29	329	Min.	0.00	-3930.45	8	-233.60	10	-433.24	32	-426.41	8	-373.43	18	8.50	22
29	29	329	Min.	340.58	-3398.30	8	-233.60	10	-497.89	10	-426.41	8	-1007.67	8	8.50	22
30	30	130	Max	17.00	-2440.44	6	795.59	32	1352.93	10	608.50	20	408.15	6	6.99	4
30	30	130	Max	310.53	-1981.80	6	795.59	32	1049.76	32	608.50	20	1135.07	18	6.99	4
30	30	130	Min.	17.00	-3082.65	20	-825.16	10	-1285.54	32	-173.15	6	-651.28	20	-6.89	22
30	30	130	Min.	310.53	-2624.01	20	-825.16	10	-1069.17	10	-173.15	6	-100.32	8	-6.89	22
31	31	231	Max	17.00	-1357.83	20	278.78	14	1246.05	28	446.27	18	1314.87	8	6.99	4
31	31	231	Max	310.53	-899.19	20	278.78	14	171.84	14	446.27	18	407.97	18	6.99	4
31	31	231	Min.	17.00	-2065.76	6	-800.10	28	-646.47	14	-849.					

33	33	433	Min.	17.00	-2640.18	26	-371.74	28	-417.64	14	-653.26	6	-1162.64	20	-7.37	32
33	33	433	Min.	365.09	-2096.29	26	-371.74	28	-896.85	28	-653.26	6	-1134.85	6	-7.37	32
34	34	434	Max	17.00	-2255.39	30	111.82	32	429.05	10	654.17	18	1164.30	8	10.35	14
34	34	434	Max	365.09	-1711.51	30	111.82	32	4.16	32	654.17	18	1136.31	18	10.35	14
34	34	434	Min.	17.00	-2645.53	12	-388.64	10	-385.08	32	-594.40	8	-1140.78	18	-6.90	28
34	34	434	Min.	365.09	-2101.64	12	-388.64	10	-923.75	10	-594.40	8	-904.75	8	-6.90	28
35	35	335	Max	17.00	-2154.85	32	150.72	32	521.95	10	709.36	20	1408.07	6	19.24	2
35	35	335	Max	340.58	-1649.26	32	150.72	32	66.83	32	709.36	20	1026.62	20	19.24	2
35	35	335	Min.	17.00	-2482.99	10	-428.92	10	-420.88	32	-853.09	6	-1268.70	20	5.40	24
35	35	335	Min.	340.58	-1977.41	10	-428.92	10	-865.92	10	-853.09	6	-1352.33	6	5.40	24
36	36	136	Max	17.00	-1358.88	8	277.03	32	1242.31	10	848.80	20	899.72	6	6.99	4
36	36	136	Max	310.53	-900.24	8	277.03	32	170.33	32	848.80	20	1177.81	20	6.99	4
36	36	136	Min.	17.00	-2067.10	18	-797.69	10	-642.85	32	-444.64	6	-1313.66	20	-6.89	22
36	36	136	Min.	310.53	-1608.46	18	-797.69	10	-1099.15	10	-444.64	6	-405.43	6	-6.89	22
101	101	302	Max	12.50	0.00	6	0.00	2	0.00	2	828.90	22	864.23	4	-130.66	28
101	101	302	Max	110.19									258.79	14		
101	101	302	Max	416.50	0.00	6	0.00	2	0.00	2	197.65	22	779.26	22	-130.66	28
101	101	302	Min.	12.50	0.00	18	0.00	2	0.00	2	-158.00	4	-1294.37	22	-183.51	14
101	101	302	Min.	287.48									168.93	16		
101	101	302	Min.	416.50	0.00	18	0.00	2	0.00	2	-789.25	4	-1049.21	4	-183.51	14
101	302	403	Max	12.50	0.00	18	0.00	2	0.00	2	857.27	24	828.13	2	-1.95	28
101	302	403	Max	43.17									192.83	10		
101	302	403	Max	337.50	0.00	18	0.00	2	0.00	2	349.46	24	837.93	22	-1.95	28
101	302	403	Min.	12.50	0.00	6	0.00	2	0.00	2	-351.93	2	-1123.10	24	-22.96	14
101	302	403	Min.	85.24									115.22	30		
101	302	403	Min.	337.50	0.00	6	0.00	2	0.00	2	-859.74	2	-1140.93	4	-22.96	14
101	403	-8	Max	12.50	0.00	8	0.00	10	0.00	14	717.60	22	650.93	4	40.11	22
101	403	-8	Max	127.04									199.17	14		
101	403	-8	Max	220.50	0.00	8	0.00	10	0.00	14	392.60	22	130.94	16	40.11	22
101	403	-8	Min.	12.50	0.00	18	0.00	14	0.00	10	-87.61	4	-1024.11	22	31.64	4
101	403	-8	Min.	154.67									164.13	26		
101	403	-8	Min.	220.50	0.00	18	0.00	14	0.00	10	-412.61	4	130.27	10	31.64	4
101	-8	404	Max	0.00	0.00	8	0.00	14	0.00	14	392.60	22	130.94	14	40.11	22
101	-8	404	Max	80.65									181.09	28		
101	-8	404	Max	208.00	0.00	8	0.00	14	0.00	14	67.60	22	609.11	22	40.11	22
101	-8	404	Min.	0.00	0.00	18	0.00	10	0.00	10	-412.61	4	130.27	12	31.64	4
101	-8	404	Min.	53.03									152.90	16		
101	-8	404	Min.	208.00	0.00	18	0.00	10	0.00	10	-737.61	4	-1065.52	4	31.64	4
101	404	305	Max	12.50	0.00	2	0.00	10	0.00	14	871.79	22	818.45	4	-19.35	32
101	404	305	Max	315.39									209.33	28		
101	404	305	Max	337.50	0.00	2	0.00	10	0.00	10	363.98	22	846.04	22	-19.35	32
101	404	305	Min.	12.50	0.00	6	0.00	14	0.00	10	-338.55	4	-1162.09	22	-40.09	10
101	404	305	Min.	95.38									109.18	26		
101	404	305	Min.	337.50	0.00	6	0.00	14	0.00	14	-846.36	4	-1107.02	4	-40.09	10
101	305	106	Max	12.50	0.00	2	0.00	2	0.00	2	787.20	24	782.10	2	180.45	32
101	305	106	Max	316.78									255.82	32		
101	305	106	Max	416.50	0.00	2	0.00	2	0.00	2	155.95	24	860.58	24	180.45	32
101	305	106	Min.	12.50	0.00	6	0.00	2	0.00	2	-198.74	2	-1044.58	24	127.99	10
101	305	106	Min.	139.50									171.58	30		
101	305	106	Min.	416.50	0.00	6	0.00	2	0.00	2	-829.99	2	-1295.91	2	127.99	10
107	101	-120	Max	17.50	0.00	16	0.00	6	0.00	2	3669.81	14	-535.60	28	73.71	22
107	101	-120	Max	105.83	0.00	16	0.00	6	0.00	6	2718.68	14	1337.46	28	73.71	22
107	101	-120	Min.	17.50	0.00	26	0.00	2	0.00	6	2596.01	28	-3820.50	14	-9.32	4
107	101	-120	Min.	105.83	0.00	26	0.00	2	0.00	2	1644.88	28	-998.92	14	-9.32	4
107	-120	-121	Max	0.00	0.00	30	0.00	6	0.00	2	2718.68	14	1337.46	28	73.71	22
107	-120	-121	Max	122.83	0.00	30	0.00	6	0.00	6	1396.07	14	2545.62	28	73.71	22
107	-120	-121	Min.	0.00	0.00	12	0.00	2	0.00	2	1644.88	28	-998.92	14	-9.32	4
107	-120	-121	Min.	122.83	0.00	12	0.00	2	0.00	2	322.27	28	1528.22	14	-9.32	4
107	-121	-122	Max	0.00	0.00	12	0.00	2	0.00	6	1396.06	14	2545.62	28	73.71	22
107	-121	-122	Max	29.93									2593.85	28		
107	-121	-122	Max	105.83	0.00	12	0.00	2	0.00	6	256.50	14	2403.20	16	73.71	22
107	-121	-122	Min.	0.00	0.00	30	0.00	6	0.00	2	322.27	28	1528.22	14	-9.32	4
107	-121	-122	Min.	94.54									2363.49	20		
107	-121	-122	Min.	105.83	0.00	30	0.00	6	0.00	2	-817.29	28	2283.19	26	-9.32	4
107	-122	-123	Max	0.00	0.00	12	0.00	6	0.00	2	256.51	14	2403.20	16	73.71	22
107	-122	-123	Max	23.82									2433.26	14		
107	-122	-123	Max	105.83	0.00	12	0.00	6	0.00	6	-883.05	14	2071.16	14	73.71	22
107	-122	-123	Min.	0.00	0.00	30	0.00	2	0.00	6	-817.28	28	2283.19	26	-9.32	4
107	-122	-123	Min.	15.62									2410.67	32		
107	-122	-123	Min.	105.83	0.00	30	0.00	2	0.00	2	-1956.85	28	815.70	28	-9.32	4
107	-123	-124	Max	0.00	0.00	10	0.00	2	0.00	6	-883.05	14	2071.16	14	73.71	22
107	-123	-124	Max	105.83	0.00	10	0.00	2	0.00	6	-2022.61	14	533.59	14	73.71	22
107	-123	-124	Min.	0.00	0.00	32	0.00	2	0.00	2	-1956.84	28	815.71	28	-9.32	4
107	-123	-124	Min.	105.83	0.00	32	0.00	2	0.00	2	-3096.40	28	-1858.30	28	-9.32	4
107	-124	107	Max	0.00	0.00	10	0.00	6	0.00	2	-2022.62	14	533.57	14	73.71	22
107	-124	107	Max	71.33	0.00	10	0.00	6	0.00	6	-2790.70	14	-1183.17	14	73.71	22
107	-124	107	Min.	0.00	0.00	32	0.00	2	0.00	6	-3096.41	28	-1858.32	28	-9.32	4
107	-124	107	Min.	71.33	0.00	32	0.00	2	0.00	2	-3864.49	28	-4341.04	28	-9.32	4
110	302	-115	Max	17.50	0.00	26	0.00	6	0.00	2	6337.01	14	-3318.12	28	72.83	24
110	302	-115	Max	105.83	0.00	26	0.00	6	0.00	6	4767.54	14	825.15	28	72.83	24
110	302	-115	Min.	17.50	0.00	16	0.00	2	0.00	6	5475.22	28	-5894.89	14	-44.98	2
110	302	-115	Min.	105.83	0.00	16	0.00	2	0.00	2	3905.76	28	-990.38	14	-44.98	2
110	-115	-116	Max	0.00	0.00	16	0.00	6	0.00	2	4767.54	14	825.15	28	72.83	24
110	-115	-116	Max	122.83	0.00	16	0.00	6	0.00	6	2585.10	14	4282.34	28	72.83	24
110	-115	-116	Min.	0.00	0.00	26	0.00	2	0.00	6	3905.76	28	-990.38	14	-44.98	2
110	-115	-116	Min.	122.83	0.00	26	0.00	2	0.00	2	1723.32	28	3525.37	14	-44.98	2
110	-116	-117	Max	0.00	0.00	10	0.00	18	0.00	6	2585.10	14	4282.35	28	72.83	24
110	-116	-117	Max	96.99									5118.09	28		
110	-116	-117	Max	105.83	0.00	10	0.00	18	0.00	22	704.70	14	5266.23	14	72.83	24
110	-116	-117	Min.	0.00	0.00	32	0.00	6	0.00	2	1723.31	28	3525.38	14	-44.98	

116	-108	-109	Min.	0.00	0.00	10	0.00	18	0.00	2	-3440.97	10	3184.77	10	-72.81	4
116	-108	-109	Min.	105.83	0.00	10	0.00	18	0.00	18	-5321.36	10	-1451.97	10	-72.81	4
116	-109	-7	Max	0.00	0.00	12	0.00	22	0.00	2	-5161.35	32	523.36	32	45.17	22
116	-109	-7	Max	71.33	0.00	12	0.00	22	0.00	22	-6428.76	32	-3610.45	32	45.17	22
116	-109	-7	Min.	0.00	0.00	30	0.00	2	0.00	6	-6021.38	10	-1452.00	10	-72.81	4
116	-109	-7	Min.	71.33	0.00	30	0.00	2	0.00	2	-7288.79	10	-6199.30	10	-72.81	4
119	106	-110	Max	17.50	0.00	32	0.00	6	0.00	2	3667.29	32	-540.45	10	8.69	24
119	106	-110	Max	105.83	0.00	32	0.00	6	0.00	6	2716.16	32	1333.77	10	8.69	24
119	106	-110	Min.	17.50	0.00	10	0.00	2	0.00	6	2597.32	10	-3813.57	32	-74.12	2
119	106	-110	Min.	105.83	0.00	10	0.00	2	0.00	2	1646.19	10	-994.21	32	-74.12	2
119	-110	-111	Max	0.00	0.00	14	0.00	6	0.00	2	2716.16	32	1333.77	10	8.69	24
119	-110	-111	Max	122.83	0.00	14	0.00	6	0.00	6	1393.55	32	2543.54	10	8.69	24
119	-110	-111	Min.	0.00	0.00	28	0.00	2	0.00	2	1646.19	10	-994.21	32	-74.12	2
119	-110	-111	Min.	122.83	0.00	28	0.00	2	0.00	2	323.58	10	1529.84	32	-74.12	2
119	-111	-112	Max	0.00	0.00	10	0.00	2	0.00	6	1393.55	32	2543.54	10	8.69	24
119	-111	-112	Max	30.05							2592.16	10				
119	-111	-112	Max	105.83	0.00	10	0.00	2	0.00	6	253.99	32	2402.15	30	8.69	24
119	-111	-112	Min.	0.00	0.00	32	0.00	6	0.00	2	323.58	10	1529.84	32	-74.12	2
119	-111	-112	Min.	94.43							2362.70	8				
119	-111	-112	Min.	105.83	0.00	32	0.00	6	0.00	2	-815.98	10	2282.49	12	-74.12	2
119	-112	-113	Max	0.00	0.00	10	0.00	6	0.00	2	253.99	32	2402.15	30	8.69	24
119	-112	-113	Max	23.59							2431.62	32				
119	-112	-113	Max	105.83	0.00	10	0.00	6	0.00	6	-885.57	32	2067.45	32	8.69	24
119	-112	-113	Min.	0.00	0.00	32	0.00	2	0.00	6	-815.98	10	2282.49	12	-74.12	2
119	-112	-113	Min.	15.39							2409.24	14				
119	-112	-113	Min.	105.83	0.00	32	0.00	2	0.00	2	-1955.54	10	816.39	10	-74.12	2
119	-113	-114	Max	0.00	0.00	28	0.00	2	0.00	6	-885.57	32	2067.46	32	8.69	24
119	-113	-114	Max	105.83	0.00	28	0.00	2	0.00	6	-2025.13	32	527.22	32	8.69	24
119	-113	-114	Min.	0.00	0.00	14	0.00	2	0.00	2	-1955.53	10	816.40	10	-74.12	2
119	-113	-114	Min.	105.83	0.00	14	0.00	2	0.00	2	-3095.09	10	-1856.22	10	-74.12	2
119	-114	112	Max	0.00	0.00	30	0.00	6	0.00	2	-2025.13	32	527.20	32	8.69	24
119	-114	112	Max	71.33	0.00	30	0.00	6	0.00	6	-2793.21	32	-1191.34	32	8.69	24
119	-114	112	Min.	0.00	0.00	12	0.00	2	0.00	6	-3095.10	10	-1856.24	10	-74.12	2
119	-114	112	Min.	71.33	0.00	12	0.00	2	0.00	2	-3863.18	10	-4338.03	10	-74.12	2
207	107	113	Max	17.50	0.00	14	0.00	2	0.00	2	953.00	14	21.59	28	37.49	24
207	107	113	Max	368.57									171.67	4		
207	107	113	Max	397.50	0.00	14	0.00	2	0.00	2	179.74	14	582.12	14	37.49	24
207	107	113	Min.	17.50	0.00	12	0.00	2	0.00	2	171.07	28	-1570.09	14	-9.03	2
207	107	113	Min.	218.83									-53.78	22		
207	107	113	Min.	397.50	0.00	12	0.00	2	0.00	2	-602.20	28	-797.55	28	-9.03	2
207	113	119	Max	12.50	0.00	22	0.00	2	0.00	2	650.68	14	491.44	28	16.61	22
207	113	119	Max	16.59									471.55	26		
207	113	119	Max	397.50	0.00	22	0.00	2	0.00	2	-132.76	14	270.08	14	16.61	22
207	113	119	Min.	12.50	0.00	2	0.00	2	0.00	2	-2.44	28	-726.92	14	5.74	4
207	113	119	Min.	198.47									132.73	24		
207	113	119	Min.	397.50	0.00	2	0.00	2	0.00	2	-785.88	28	-1026.08	28	5.74	4
207	119	125	Max	12.50	0.00	2	0.00	2	0.00	2	735.03	14	17.72	28	9.03	18
207	119	125	Max	198.75									370.64	28		
207	119	125	Max	577.50	0.00	2	0.00	2	0.00	2	-414.69	14	-66.44	14	9.03	18
207	119	125	Min.	12.50	0.00	18	0.00	2	0.00	2	378.99	28	-971.43	14	-0.68	8
207	119	125	Min.	300.58									285.48	24		
207	119	125	Min.	577.50	0.00	18	0.00	2	0.00	2	-770.73	28	-1088.95	28	-0.68	8
207	125	231	Max	12.50	0.00	2	0.00	2	0.00	2	829.69	14	-7.19	28	-5.28	20
207	125	231	Max	420.23									530.44	14		
207	125	231	Max	577.50	0.00	2	0.00	2	0.00	2	-320.03	14	278.78	14	-5.28	20
207	125	231	Min.	12.50	0.00	22	0.00	2	0.00	2	392.95	28	-1161.01	14	-35.79	6
207	125	231	Min.	279.94									320.19	18		
207	125	231	Min.	577.50	0.00	2	0.00	2	0.00	2	-756.77	28	-1035.00	28	-35.79	6
219	112	118	Max	17.50	0.00	10	0.00	2	0.00	2	948.87	32	22.08	10	8.78	22
219	112	118	Max	368.68									170.46	24		
219	112	118	Max	397.50	-0.00	10	0.00	2	0.00	2	179.32	32	579.36	32	8.78	22
219	112	118	Min.	17.50	0.00	14	0.00	2	0.00	2	169.59	10	-1564.18	32	-37.83	4
219	112	118	Min.	218.61									-54.26	2		
219	112	118	Min.	397.50	-0.00	14	0.00	2	0.00	2	-599.96	10	-795.61	10	-37.83	4
219	118	124	Max	12.50	0.00	22	0.00	2	0.00	2	647.36	32	491.25	10	-5.90	24
219	118	124	Max	16.07									471.32	12		
219	118	124	Max	397.50	0.00	22	0.00	2	0.00	2	-132.31	32	268.51	32	-5.90	24
219	118	124	Min.	12.50	0.00	2	0.00	2	0.00	2	-3.53	10	-722.96	32	-16.69	2
219	118	124	Min.	198.12									132.22	4		
219	118	124	Min.	397.50	0.00	2	0.00	2	0.00	2	-783.20	10	-1023.21	10	-16.69	2
219	124	130	Max	12.50	0.00	30	0.00	2	0.00	2	731.50	32	19.04	10	0.56	20
219	124	130	Max	198.49									369.31	10		
219	124	130	Max	577.50	0.00	30	0.00	2	0.00	2	-412.70	32	-66.15	32	0.56	20
219	124	130	Min.	12.50	0.00	10	0.00	2	0.00	2	376.65	10	-966.76	32	-9.07	6
219	124	130	Min.	300.43									284.06	4		
219	124	130	Min.	577.50	0.00	10	0.00	2	0.00	2	-767.54	10	-1085.23	10	-9.07	6
219	130	136	Max	12.50	0.00	28	0.00	2	0.00	2	825.62	32	-5.43	10	35.90	18
219	130	136	Max	420.19									527.82	32		
219	130	136	Max	577.50	0.00	28	0.00	2	0.00	2	-318.58	32	277.24	32	35.90	18
219	130	136	Min.	12.50	0.00	14	0.00	2	0.00	2	390.44	10	-1155.15	32	5.28	8
219	130	136	Min.	279.73									318.70	6		
219	130	136	Min.	577.50	0.00	14	0.00	2	0.00	2	-753.76	10	-1031.83	10	5.28	8
302	107	-133	Max	12.47	1211.18	4	49.51	32	-18.76	10	862.54	22	376.18	4	207.91	28
302	107	-133	Max	145.35	1225.68	4	49.51	32	-40.55	14	655.42	22	541.46	4	207.91	28
302	107	-133	Min.	12.47	-5062.84	22	-49.09	10	-107.15	32	227.94	4	-1133.83	22	182.16	14
302	107	-133	Min.	145.35	-5048.33	22	-49.09	10	-84.80	28	20.81	4	-125.25	22	182.16	14
302	-133	-134	Max	0.00	1243.42	4	72.39	30	-45.93	14	441.77	22	541.33	4	207.69	28
302	-133	-134	Max	10.83					-38.23	14			320.71	14		
302	-133	-134	Max	142.35	1258.95	4	72.39	30	56.49	30	219.90	22	345.52	22	207.69	28
302	-133	-134	Min.	0.00	-5031.21	22	55.05	12	-87.91	28	-192.78	4	-125.42	22	181.79	14

302	-133	-134	Min.	128.87					45.17	16			255.73	16		
302	-133	-134	Min.	142.35	-5015.67	22	55.05	12	-8.92	12	-414.66	4	109.00	4	181.79	14
302	-134	308	Max	0.00	1276.81	4	80.69	10	52.25	30	8.30	22	345.03	22	207.30	28
302	-134	308	Max	5.33					10.90	22			345.25	22		
302	-134	308	Max	129.88	1290.98	4	80.69	10	90.39	10	-194.14	22	224.35	22	207.30	28
302	-134	308	Min.	0.00	-4998.04	22	-61.97	32	-14.60	12	-626.24	4	108.61	4	181.49	14
302	-134	308	Min.	2.60					28.62	24			342.64	24		
302	-134	308	Min.	129.88	-4983.86	22	-61.97	32	-28.43	32	-828.68	4	-836.20	4	181.49	14
302	308	-148	Max	12.47	599.54	4	60.67	30	38.52	12	552.79	24	131.94	2	10.65	32
302	308	-148	Max	130.05					-0.22	2			239.68	2		
302	308	-148	Max	175.93	617.38	4	60.67	30	37.56	30	298.01	24	223.27	2	10.65	32
302	308	-148	Min.	12.47	-2722.94	22	-37.47	12	-61.62	30	183.27	2	-544.79	24	-28.03	10
302	308	-148	Min.	136.51					5.81	20			232.73	20		
302	308	-148	Min.	175.93	-2705.09	22	-37.47	12	-22.74	12	-71.51	2	150.57	24	-28.03	10
302	-148	409	Max	0.00	638.12	4	64.75	10	33.48	32	42.38	24	223.25	2	10.38	32
302	-148	409	Max	25.97					5.53	22			156.91	22		
302	-148	409	Max	162.46	655.85	4	64.75	10	80.61	26	-210.84	24	13.74	24	10.38	32
302	-148	409	Min.	0.00	-2685.53	22	-8.65	32	-25.27	10	-327.10	2	150.59	24	-28.23	10
302	-148	409	Min.	21.94					15.86	8			155.92	8		
302	-148	409	Min.	162.46	-2667.79	22	-8.65	32	18.74	16	-580.32	2	-513.83	2	-28.23	10
302	409	-9	Max	12.47	-1268.65	14	-96.06	30	304.57	12	570.69	24	-170.85	2	-44.41	32
302	409	-9	Max	221.04	-1245.88	14	-96.06	30	-90.29	30	245.60	24	341.64	30	-44.41	32
302	409	-9	Min.	12.47	-1409.29	28	-292.14	12	110.06	30	406.21	2	-516.53	24	-62.41	10
302	409	-9	Min.	221.04	-1386.53	28	-292.14	12	-304.75	12	81.11	2	330.45	12	-62.41	10
302	-9	410	Max	0.00	-1277.10	32	206.13	26	-42.58	16	-184.17	22	355.61	16	-20.01	28
302	-9	410	Max	208.57	-1299.87	32	206.13	26	172.86	26	-509.27	22	-371.84	22	-20.01	28
302	-9	410	Min.	0.00	-1417.70	10	9.95	16	-257.08	26	-348.73	4	344.40	26	-38.16	14
302	-9	410	Min.	208.57	-1440.47	10	9.95	16	-21.82	16	-673.82	4	-717.67	4	-38.16	14
302	410	-150	Max	12.47	917.38	24	41.20	14	22.10	12	641.55	22	-82.83	4	76.44	28
302	410	-150	Max	174.93	899.64	24	41.20	14	27.83	14	388.33	22	225.94	22	76.44	28
302	410	-150	Min.	12.47	-2404.71	2	-32.29	28	-39.78	30	271.92	4	-610.62	22	37.58	14
302	410	-150	Min.	174.93	-2422.44	2	-32.29	28	-31.05	28	18.70	4	153.24	4	37.58	14
302	-150	311	Max	0.00	880.20	24	87.88	26	29.32	16	132.65	22	225.84	22	76.43	28
302	-150	311	Max	85.11					35.35	22			282.28	22		
302	-150	311	Max	163.46	862.35	24	87.88	26	112.53	26	-122.13	22	234.44	22	76.43	28
302	-150	311	Min.	0.00	-2440.72	2	-10.56	16	-31.12	26	-237.02	4	153.10	4	37.49	14
302	-150	311	Min.	1.63					28.24	32			198.95	32		
302	-150	311	Min.	163.46	-2458.56	2	-10.56	16	12.06	16	-491.80	4	-442.56	4	37.49	14
302	311	-153	Max	12.47	1237.40	24	63.67	14	88.49	28	823.97	24	230.24	2	-177.36	32
302	311	-153	Max	134.20					14.52	2			345.72	2		
302	311	-153	Max	145.35	1222.89	24	63.67	14	55.73	16	616.84	24	344.75	2	-177.36	32
302	311	-153	Min.	12.47	-5034.51	2	-76.16	28	-29.07	14	189.74	2	-829.81	24	-202.82	10
302	311	-153	Min.	145.02					10.49	18			339.21	18		
302	311	-153	Min.	145.35	-5049.02	2	-76.16	28	-12.91	26	-17.39	2	127.51	24	-202.82	10
302	-153	-154	Max	0.00	1204.94	24	-55.15	26	59.91	16	403.26	24	345.23	2	-177.65	32
302	-153	-154	Max	123.97					-33.38	32			318.40	32		
302	-153	-154	Max	142.35	1189.41	24	-55.15	26	-47.02	32	181.38	24	544.00	24	-177.65	32
302	-153	-154	Min.	0.00	-5066.73	2	-75.60	16	-7.36	26	-230.99	2	127.89	24	-203.21	10
302	-153	-154	Min.	5.94					53.77	30			261.76	30		
302	-153	-154	Min.	142.35	-5082.27	2	-75.60	16	-86.54	10	-452.86	2	-141.49	2	-203.21	10
302	-154	112	Max	0.00	1171.83	24	48.36	28	-41.64	32	-30.21	24	544.12	24	-178.03	32
302	-154	112	Max	129.88	1157.65	24	48.36	28	-19.82	28	-232.65	24	373.42	24	-178.03	32
302	-154	112	Min.	0.00	-5099.23	2	-50.68	14	-83.48	10	-664.50	2	-141.34	2	-203.43	10
302	-154	112	Min.	129.88	-5113.41	2	-50.68	14	-108.31	14	-866.94	2	-1135.85	2	-203.43	10
303	113	-131	Max	12.47	-791.46	18	193.68	14	-90.77	12	925.77	24	301.77	2	13.58	32
303	113	-131	Max	145.35	-776.95	18	193.68	14	-10.40	14	718.64	24	711.23	2	13.58	32
303	113	-131	Min.	12.47	-1532.93	8	7.77	28	-268.42	30	411.69	2	-933.86	24	-4.56	10
303	113	-131	Min.	145.35	-1518.42	8	7.77	28	-81.10	28	204.57	2	158.73	24	-4.56	10
303	-131	-132	Max	0.00	-833.26	18	58.66	32	-26.92	14	297.26	24	711.48	2	12.42	32
303	-131	-132	Max	76.61					16.83	16			395.18	16		
303	-131	-132	Max	142.35	-817.72	18	58.66	32	54.92	32	75.38	24	424.30	8	12.42	32
303	-131	-132	Min.	0.00	-1399.92	8	51.95	10	-90.97	28	-229.06	2	158.94	24	-5.26	10
303	-131	-132	Min.	67.35					-54.97	28			391.84	28		
303	-131	-132	Min.	142.35	-1384.38	8	51.95	10	-15.37	10	-450.93	2	227.38	18	-5.26	10
303	-132	314	Max	0.00	-875.91	18	175.71	26	40.48	32	-341.85	24	424.69	8	11.41	32
303	-132	314	Max	129.88	-861.73	18	175.71	26	196.16	26	-544.29	24	-150.89	24	11.41	32
303	-132	314	Min.	0.00	-1264.15	8	31.38	16	-32.29	10	-880.67	2	227.78	18	-6.44	10
303	-132	314	Min.	129.88	-1249.97	8	31.38	16	80.98	16	-1083.11	2	-1047.36	2	-6.44	10
303	314	-147	Max	12.47	-765.75	18	146.14	30	-46.99	12	717.09	22	-99.42	4	7.21	28
303	314	-147	Max	175.93	-747.91	18	146.14	30	58.96	14	462.31	22	177.15	8	7.21	28
303	314	-147	Min.	12.47	-1370.09	8	20.72	12	-180.05	30	293.86	4	-787.25	22	-7.87	14
303	314	-147	Min.	175.93	-1352.25	8	20.72	12	-13.25	28	39.08	4	172.22	18	-7.87	14
303	-147	415	Max	0.00	-826.15	18	114.13	26	42.46	14	-41.02	22	177.13	8	6.43	28
303	-147	415	Max	162.46	-808.42	18	114.13	26	161.35	26	-294.24	22	-95.67	22	6.43	28
303	-147	415	Min.	0.00	-1199.12	8	32.41	16	-24.33	28	-480.43	4	172.24	18	-9.02	14
303	-147	415	Min.	162.46	-1181.39	8	32.41	16	94.84	16	-733.65	4	-813.47	4	-9.02	14
303	415	-10	Max	12.47	-942.37	2	154.82	30	116.83	12	956.43	24	-327.98	2	-11.24	28
303	415	-10	Max	221.04	-919.60	2	154.82	30	222.96	30	631.34	24	739.00	32	-11.24	28
303	415	-10	Min.	12.47	-1299.01	24	-90.56	12	-99.94	30	660.06	2	-928.70	24	-133.47	14
303	415	-10	Min.	221.04	-1276.24	24	-90.56	12	-72.05	12	334.97	2	697.81	10	-133.47	14
303	-10	416	Max	0.00	-913.30	22	-3.42	26	304.32	16	-328.79	22	725.92	14	129.48	32
303	-10	416	Max	208.57	-936.07	22	-3.42	26	2.07	26	-653.89	22	-328.18	22	129.48	32
303	-10	416	Min.	0.00	-1270.05	4	-248.95	16	9.20	26	-625.17	4	684.72	28	7.44	10
303	-10	416	Min.	208.57	-1292.82	4	-248.95	16	-214.91	16	-950.27	4	-928.92	4	7.44	10
303	416	-149	Max	12.47	-804.82	6	18.15	30	79.95	12	732.65	24	-93.28	2	11.17	32
303	416	-149	Max	174.93	-822.55	6	18.15	30	43.29	32	479.43	24	177.93	20	11.17	32
303	416	-149	Min.	12.47	-1177.88	20	-63.52	12	13							

303	-149	317	Min.	0.00	-1348.77	20	-110.19	16	-17.75	10	-463.28	2	173.16	6	-4.48	10
303	-149	317	Min.	163.46	-1366.62	20	-110.19	16	-125.75	16	-718.06	2	-787.90	2	-4.48	10
303	317	-151	Max	12.47	-852.51	6	-38.11	30	208.24	12	1076.91	22	-148.47	4	7.00	28
303	317	-151	Max	145.35	-867.02	6	-38.11	30	43.41	14	869.78	22	429.31	20	7.00	28
303	317	-151	Min.	12.47	-1242.63	20	-180.23	12	93.84	30	538.24	4	-1044.92	22	-10.99	14
303	317	-151	Min.	145.35	-1257.13	20	-180.23	12	-31.47	28	331.11	4	248.36	6	-10.99	14
303	-151	-152	Max	0.00	-808.28	6	-51.60	28	57.72	14	435.99	22	428.92	20	5.83	28
303	-151	-152	Max	56.24					23.19	30			396.15	30		
303	-151	-152	Max	142.35	-823.82	6	-51.60	28	-28.93	32	214.12	22	710.83	22	5.83	28
303	-151	-152	Min.	0.00	-1378.46	20	-62.06	14	-14.84	28	-90.07	4	247.96	6	-11.99	14
303	-151	-152	Min.	65.54					-49.19	10			391.93	10		
303	-151	-152	Min.	142.35	-1393.99	20	-62.06	14	-89.98	10	-311.94	4	142.62	4	-11.99	14
303	-152	118	Max	0.00	-768.13	6	-10.14	10	-12.46	32	-215.45	22	710.59	22	5.15	28
303	-152	118	Max	129.88	-782.31	6	-10.14	10	-92.80	26	-417.89	22	299.30	22	5.15	28
303	-152	118	Min.	0.00	-1511.30	20	-199.07	32	-80.26	10	-729.39	4	142.42	4	-13.14	14
303	-152	118	Min.	129.88	-1525.48	20	-199.07	32	-271.64	16	-931.83	4	-936.36	4	-13.14	14
304	119	-129	Max	12.47	-1156.56	4	182.06	30	-82.87	10	1025.41	8	222.03	18	33.22	28
304	119	-129	Max	145.35	-1142.06	4	182.06	30	-17.02	14	818.28	8	777.76	18	33.22	28
304	119	-129	Min.	12.47	-2072.87	22	-4.75	12	-260.60	32	521.76	18	-993.59	8	-31.71	14
304	119	-129	Min.	145.35	-2058.37	22	-4.75	12	-90.83	28	314.64	18	231.41	8	-31.71	14
304	-129	-130	Max	0.00	-1207.34	4	72.73	30	-34.70	14	294.07	8	777.73	18	32.49	28
304	-129	-130	Max	67.89					-57.93	28			466.03	28		
304	-129	-130	Max	142.35	-1191.80	4	72.73	30	67.35	30	72.19	8	492.07	8	32.49	28
304	-129	-130	Min.	0.00	-1921.39	22	62.69	12	-101.27	28	-223.71	18	231.38	8	-32.95	14
304	-129	-130	Min.	74.89					18.36	16			462.14	16		
304	-129	-130	Min.	142.35	-1905.85	22	62.69	12	-10.55	12	-445.59	18	301.36	18	-32.95	14
304	-130	320	Max	0.00	-1259.56	4	163.67	28	51.25	30	-447.01	8	492.08	8	31.27	28
304	-130	320	Max	129.88	-1245.38	4	163.67	28	184.75	28	-649.45	8	-219.95	8	31.27	28
304	-130	320	Min.	0.00	-1767.57	22	18.96	14	-27.82	12	-979.23	18	301.33	18	-34.07	14
304	-130	320	Min.	129.88	-1753.39	22	18.96	14	75.88	14	-1181.67	18	-1101.95	18	-34.07	14
304	320	-137	Max	12.47	-1240.44	4	156.41	32	-35.65	10	761.57	8	-164.80	18	8.31	28
304	320	-137	Max	175.93	-1222.60	4	156.41	32	66.08	16	506.79	8	195.06	8	8.31	28
304	320	-137	Min.	12.47	-1904.82	22	13.70	10	-190.22	32	341.46	18	-841.57	8	-6.41	14
304	320	-137	Min.	175.93	-1886.98	22	13.70	10	-13.90	26	86.68	18	185.11	18	-6.41	14
304	-137	421	Max	0.00	-1312.85	4	111.00	26	47.81	16	-117.57	8	195.06	8	7.51	28
304	-137	421	Max	162.46	-1295.11	4	111.00	26	155.04	26	-370.79	8	-201.62	8	7.51	28
304	-137	421	Min.	0.00	-1711.08	22	31.96	16	-25.28	26	-556.31	18	185.12	18	-7.69	14
304	-137	421	Min.	162.46	-1693.35	22	31.96	16	99.72	16	-809.53	18	-924.34	18	-7.69	14
304	421	-11	Max	12.47	-1552.27	20	170.08	32	114.67	10	1149.36	6	-485.63	20	10.55	28
304	421	-11	Max	221.04	-1529.51	20	170.08	32	241.65	32	824.26	6	976.19	12	10.55	28
304	421	-11	Min.	12.47	-1875.05	6	-97.37	10	-113.09	32	850.51	20	-1096.37	6	-93.52	14
304	421	-11	Min.	221.04	-1852.28	6	-97.37	10	-88.41	10	525.41	20	934.89	30	-93.52	14
304	-11	422	Max	0.00	-1520.40	8	17.37	28	306.36	14	-524.99	8	975.31	26	91.65	32
304	-11	422	Max	208.57	-1543.17	8	17.37	28	12.42	28	-850.09	8	-485.64	8	91.65	32
304	-11	422	Min.	0.00	-1843.32	18	-250.25	14	-23.82	28	-823.94	18	934.00	16	-12.32	10
304	-11	422	Min.	208.57	-1866.09	18	-250.25	14	-215.58	14	-1149.03	18	-1096.58	18	-12.32	10
304	422	-140	Max	12.47	-1280.68	24	8.68	30	84.32	12	809.12	6	-200.70	20	9.03	32
304	422	-140	Max	174.93	-1298.41	24	8.68	30	43.21	30	555.90	6	195.55	20	9.03	32
304	422	-140	Min.	12.47	-1678.88	2	-70.31	12	29.11	30	370.52	20	-923.18	6	-6.03	10
304	422	-140	Min.	174.93	-1696.61	2	-70.31	12	-29.91	12	117.30	20	185.62	6	-6.03	10
304	-140	323	Max	0.00	-1208.69	24	23.92	28	56.74	30	-87.05	6	195.55	20	8.09	32
304	-140	323	Max	163.46	-1226.53	24	23.92	28	16.46	28	-341.83	6	-164.90	6	8.09	32
304	-140	323	Min.	0.00	-1873.03	2	-118.79	14	-23.27	12	-507.02	20	185.62	6	-6.50	10
304	-140	323	Min.	163.46	-1890.87	2	-118.79	14	-138.09	14	-761.81	20	-841.47	20	-6.50	10
304	323	-145	Max	12.47	-1235.80	24	-23.18	32	195.26	10	1174.29	6	-218.07	18	34.12	32
304	323	-145	Max	145.35	-1250.30	24	-23.18	32	56.33	32	967.17	6	498.04	18	34.12	32
304	323	-145	Min.	12.47	-1745.60	2	-165.73	10	87.13	32	642.45	20	-1099.74	8	-30.90	10
304	323	-145	Min.	145.35	-1760.10	2	-165.73	10	-24.97	10	435.32	20	323.09	8	-30.90	10
304	-145	-146	Max	0.00	-1181.96	24	-63.88	26	72.20	16	428.59	6	498.04	18	33.01	32
304	-145	-146	Max	63.54					-49.21	10			466.10	10		
304	-145	-146	Max	142.35	-1197.50	24	-63.88	26	-37.09	32	206.71	6	775.32	6	33.01	32
304	-145	-146	Min.	0.00	-1899.67	2	-77.83	16	-8.02	26	-88.69	20	323.11	8	-32.10	10
304	-145	-146	Min.	56.94					27.84	30			463.22	30		
304	-145	-146	Min.	142.35	-1915.21	2	-77.83	16	-100.46	10	-310.57	20	213.83	20	-32.10	10
304	-146	124	Max	0.00	-1132.92	24	2.70	26	-19.44	32	-326.69	6	775.35	6	31.78	32
304	-146	124	Max	129.88	-1147.10	24	2.70	26	-84.97	28	-529.13	6	219.59	6	31.78	32
304	-146	124	Min.	0.00	-2050.83	2	-186.90	16	-90.16	10	-829.98	20	213.86	20	-32.82	10
304	-146	124	Min.	129.88	-2065.01	2	-186.90	16	-263.86	14	-1032.42	20	-995.57	20	-32.82	10
305	125	-127	Max	12.47	-1309.05	2	180.94	32	-72.78	10	1137.38	8	187.94	18	40.24	28
305	125	-127	Max	145.35	-1294.54	2	180.94	32	-12.91	14	930.25	8	859.68	18	40.24	28
305	125	-127	Min.	12.47	-2576.53	24	-14.15	10	-255.74	32	609.07	18	-1100.43	8	-27.91	14
305	125	-127	Min.	145.35	-2562.02	24	-14.15	10	-93.98	28	401.94	18	273.36	8	-27.91	14
305	-127	-128	Max	0.00	-1365.18	2	68.14	32	-28.73	14	303.48	8	859.43	18	39.57	28
305	-127	-128	Max	60.41					-64.80	28			527.52	28		
305	-127	-128	Max	142.35	-1349.64	2	68.14	32	65.81	30	81.61	8	547.42	6	39.57	28
305	-127	-128	Min.	0.00	-2402.99	24	62.34	10	-103.55	28	-240.91	18	273.19	8	-29.02	14
305	-127	-128	Min.	79.02					23.33	16			515.65	16		
305	-127	-128	Min.	142.35	-2387.45	24	62.34	10	-12.35	12	-462.78	18	358.43	20	-29.02	14
305	-128	326	Max	0.00	-1423.02	2	151.15	28	51.82	14	-539.25	8	547.69	6	38.44	28
305	-128	326	Max	129.88	-1408.85	2	151.15	28	167.92	28	-741.69	8	-284.28	8	38.44	28
305	-128	326	Min.	0.00	-2226.60	24	-1.42	14	-28.39	28	-1100.05	18	358.71	20	-29.99	14
305	-128	326	Min.	129.88	-2212.42	24	-1.42	14	49.97	14	-1302.49	18	-1201.35	18	-29.99	14
305	326	-136	Max	12.47	-1428.04	2	140.13	30	-16.13	12	816.35	6	-223.22	20	10.86	28
305	326	-136	Max	175.93	-1410.20	2	140.13	30	66.56	14	561.57	6	225.15	6	10.86	28
305	326	-136	Min.	12.47	-2281.98	24	4.17									

305	427	-12	Max	12.47	-1821.75	18	133.02	32	117.78	10	1304.25	8	-619.52	18	29.37	28
305	427	-12	Max	221.04	-1798.99	18	133.02	32	201.71	32	979.15	8	1157.61	30	29.37	28
305	427	-12	Min.	12.47	-2194.30	8	-98.58	10	-75.74	32	1006.51	18	-1237.79	8	-94.46	14
305	427	-12	Min.	221.04	-2171.53	8	-98.58	10	-87.84	10	681.41	18	1126.58	12	-94.46	14
305	-12	428	Max	0.00	-1799.86	6	27.80	28	257.39	14	-681.92	6	1157.68	16	92.47	32
305	-12	428	Max	208.57	-1822.63	6	27.80	28	25.71	28	-1007.02	6	-620.55	6	92.47	32
305	-12	428	Min.	0.00	-2172.55	20	-203.97	14	-32.27	28	-979.40	20	1126.61	26	-31.24	10
305	-12	428	Min.	208.57	-2195.32	20	-203.97	14	-168.03	14	-1304.49	20	-1238.24	20	-31.24	10
305	428	-139	Max	12.47	-1491.63	22	22.57	30	65.49	12	880.07	8	-278.36	18	8.59	32
305	428	-139	Max	174.93	-1509.37	22	22.57	30	43.83	30	626.85	8	225.56	18	8.59	32
305	428	-139	Min.	12.47	-2044.61	4	-56.94	12	7.16	30	436.80	18	-1010.20	8	-8.73	10
305	428	-139	Min.	174.93	-2062.35	4	-56.94	12	-27.01	12	183.58	18	213.85	8	-8.73	10
305	-139	329	Max	0.00	-1410.92	22	32.34	26	54.80	32	-139.36	8	225.56	18	7.82	32
305	-139	329	Max	163.46	-1428.77	22	32.34	26	31.76	26	-394.14	8	-222.03	8	7.82	32
305	-139	329	Min.	0.00	-2265.53	4	-103.59	16	-22.09	10	-561.49	18	214.00	8	-9.07	10
305	-139	329	Min.	163.46	-2283.37	4	-103.59	16	-115.51	16	-816.27	18	-900.49	18	-9.07	10
305	329	-143	Max	12.47	-1406.89	22	-1.48	32	177.92	10	1294.09	8	-281.89	18	30.02	32
305	329	-143	Max	145.35	-1421.40	22	-1.48	32	58.81	32	1086.96	8	555.01	18	30.02	32
305	329	-143	Min.	12.47	-2214.08	4	-151.78	10	60.78	32	733.35	18	-1199.55	8	-38.08	10
305	329	-143	Min.	145.35	-2228.59	4	-151.78	10	-23.78	10	526.23	18	382.49	8	-38.08	10
305	-143	-144	Max	0.00	-1347.37	22	-64.66	28	72.50	16	443.86	8	554.75	18	29.06	32
305	-143	-144	Max	69.35					-54.11	10			526.57	10		
305	-143	-144	Max	142.35	-1362.91	22	-64.66	28	-30.98	32	221.99	8	856.13	8	29.06	32
305	-143	-144	Min.	0.00	-2390.88	4	-74.44	14	-8.10	26	-100.31	18	382.21	8	-39.19	10
305	-143	-144	Min.	51.85					34.43	30			517.83	30		
305	-143	-144	Min.	142.35	-2406.42	4	-74.44	14	-102.63	10	-322.18	18	254.05	18	-39.19	10
305	-144	130	Max	0.00	-1293.03	22	11.88	28	-15.16	32	-415.04	8	856.37	8	27.95	32
305	-144	130	Max	129.88	-1307.21	22	11.88	28	-75.29	28	-617.47	8	185.87	8	27.95	32
305	-144	130	Min.	0.00	-2563.91	4	-186.33	14	-93.16	10	-943.27	18	254.25	18	-39.85	10
305	-144	130	Min.	129.88	-2578.08	4	-186.33	14	-259.60	14	-1145.71	18	-1102.32	18	-39.85	10
306	231	-125	Max	12.47	-167.53	6	110.25	32	-56.59	10	945.01	8	500.72	18	66.96	28
306	231	-125	Max	145.35	-153.03	6	110.25	32	-26.75	14	737.88	8	687.64	18	66.96	28
306	231	-125	Min.	12.47	-1469.41	20	-26.99	10	-175.42	32	244.23	18	-1128.96	8	17.97	14
306	231	-125	Min.	145.35	-1454.91	20	-26.99	10	-94.61	28	37.10	18	-10.80	8	17.97	14
306	-125	-126	Max	0.00	-60.21	6	67.53	32	-33.44	14	425.41	8	687.84	18	66.64	28
306	-125	-126	Max	6.70					-29.02	14			397.99	14		
306	-125	-126	Max	142.35	-44.67	6	67.53	32	60.49	30	203.54	8	436.97	8	66.64	28
306	-125	-126	Min.	0.00	-1507.25	20	57.76	10	-99.16	28	-285.50	18	-10.68	8	17.50	14
306	-125	-126	Min.	93.88					27.63	32			332.19	32		
306	-125	-126	Min.	142.35	-1491.71	20	57.76	10	-14.75	12	-507.38	18	123.52	18	17.50	14
306	-126	332	Max	0.00	48.84	6	115.06	28	54.76	14	-105.96	8	436.73	8	66.11	28
306	-126	332	Max	129.88	63.02	6	115.06	28	127.10	28	-308.40	8	167.64	8	66.11	28
306	-126	332	Min.	0.00	-1545.86	20	-43.98	14	-22.33	28	-827.24	18	123.33	18	17.11	14
306	-126	332	Min.	129.88	-1531.68	20	-43.98	14	-2.36	14	-1029.68	18	-1082.54	18	17.11	14
306	332	-135	Max	12.47	-565.74	6	88.59	30	25.04	12	756.15	8	234.67	18	60.31	28
306	332	-135	Max	60.74					-33.10	20			252.68	20		
306	332	-135	Max	175.93	-547.89	6	88.59	30	47.16	14	501.37	8	150.54	14	60.31	28
306	332	-135	Min.	12.47	-972.51	20	-27.90	12	-98.75	30	72.98	18	-886.89	8	27.43	14
306	332	-135	Min.	94.37					-6.85	2			197.71	2		
306	332	-135	Min.	175.93	-954.67	20	-27.90	12	-21.67	28	-181.80	18	136.08	28	27.43	14
306	-135	433	Max	0.00	-427.44	6	102.92	28	41.44	14	130.14	8	150.61	14	60.06	28
306	-135	433	Max	83.49					57.40	8			195.20	8		
306	-135	433	Max	162.46	-409.71	6	102.92	28	141.94	28	-123.08	8	146.60	8	60.06	28
306	-135	433	Min.	0.00	-1025.62	20	12.25	14	-25.27	28	-566.41	18	136.14	28	27.03	14
306	-135	433	Min.	46.97					32.52	22			154.43	22		
306	-135	433	Min.	162.46	-1007.89	20	12.25	14	61.34	14	-819.63	18	-979.98	18	27.03	14
306	433	-13	Max	12.47	-694.80	18	6.25	30	153.28	12	874.94	6	-33.95	20	207.56	28
306	433	-13	Max	221.04	-672.03	18	6.25	30	28.90	30	549.84	6	554.90	12	207.56	28
306	433	-13	Min.	12.47	-951.95	8	-172.35	12	15.85	30	422.71	20	-951.48	6	55.97	14
306	433	-13	Min.	221.04	-929.18	8	-172.35	12	-206.18	12	97.61	20	488.12	30	55.97	14
306	-13	434	Max	0.00	-661.92	6	120.58	26	59.25	16	-97.17	8	554.89	26	-61.65	32
306	-13	434	Max	208.57	-684.69	6	120.58	26	75.61	26	-422.26	8	-33.07	8	-61.65	32
306	-13	434	Min.	0.00	-919.11	20	-58.16	16	-175.89	26	-550.04	18	488.05	16	-212.98	10
306	-13	434	Min.	208.57	-941.88	20	-58.16	16	-62.05	16	-875.13	18	-951.92	18	-212.98	10
306	434	-138	Max	12.47	-393.61	18	20.12	32	80.65	10	819.12	6	146.02	20	-23.37	32
306	434	-138	Max	91.74					21.73	20			195.00	20		
306	434	-138	Max	174.93	-411.34	18	20.12	32	32.86	32	565.90	6	150.81	32	-23.37	32
306	434	-138	Min.	12.47	-993.45	8	-70.47	10	0.18	32	123.56	20	-978.95	6	-56.07	10
306	434	-138	Min.	127.62					8.86	2			154.87	2		
306	434	-138	Min.	174.93	-1011.18	8	-70.47	10	-33.84	10	-129.66	20	136.34	10	-56.07	10
306	-138	335	Max	0.00	-532.47	18	58.65	26	36.59	32	181.34	6	150.73	32	-23.63	32
306	-138	335	Max	115.54					-8.25	8			253.49	8		
306	-138	335	Max	163.46	-550.32	18	58.65	26	64.72	26	-73.44	6	235.59	8	-23.63	32
306	-138	335	Min.	0.00	-940.92	8	-57.73	16	-32.25	10	-500.84	20	136.28	10	-56.19	10
306	-138	335	Min.	81.26					7.63	22			197.53	22		
306	-138	335	Min.	163.46	-958.76	8	-57.73	16	-58.89	16	-755.63	20	-887.31	18	-56.19	10
306	335	-141	Max	12.47	72.07	18	35.27	32	143.50	10	1024.97	6	167.61	20	-17.23	32
306	335	-141	Max	145.35	57.56	18	35.27	32	61.69	32	817.85	6	435.15	20	-17.23	32
306	335	-141	Min.	12.47	-1525.09	8	-121.38	10	14.82	32	304.89	20	-1080.69	6	-65.82	10
306	335	-141	Min.	145.35	-1539.59	8	-121.38	10	-17.80	10	97.77	20	143.74	6	-65.82	10
306	-141	-142	Max	0.00	-36.89	18	-60.20	28	67.25	16	495.06	6	435.39	20	-17.62	32
306	-141	-142	Max	137.82					-93.19	28			407.11	28		
306	-141	-142	Max	142.35	-52.43	18	-60.20	28	-35.38	32	273.19	6	690.71	6	-17.62	32
306	-141	-142	Min.	0.00	-1485.02	8	-73.68	14	-10.37	26	-214.56	20	143.92	6	-66.35	10
306	-141	-142	Min.	42.15					36.06	14			334.07	14		
306	-141	-142	Min.	142.35	-1500.56	8	-73.68	14	-98.30	10	-436.43	20	-27.94	20	-66.35	10
306	-142	136	Max</													

308	-133	-131	Max	0.00	104.41	10	-1.79	12	5.46	30	214.31	2	0.00	2	-0.09	16
308	-133	-131	Max	205.00					-0.74	2			219.67	2		
308	-133	-131	Max	410.00	104.41	10	-1.79	12	-4.28	12	-214.31	2	0.00	2	-0.09	16
308	-133	-131	Min.	0.00	22.61	32	-3.13	30	3.04	12	214.31	2	0.00	2	-0.20	26
308	-133	-131	Min.	205.00					-0.74	2			219.67	2		
308	-133	-131	Min.	410.00	22.61	32	-3.13	30	-7.38	30	-214.31	2	0.00	2	-0.20	26
308	-131	-129	Max	0.00	60.90	28	-2.67	10	9.28	32	214.31	2	0.00	2	0.11	10
308	-131	-129	Max	205.00					0.01	2			219.67	2		
308	-131	-129	Max	410.00	60.90	28	-2.67	10	-5.45	10	-214.31	2	0.00	2	0.11	10
308	-131	-129	Min.	0.00	-24.72	14	-4.55	32	5.51	10	214.31	2	0.00	2	0.06	32
308	-131	-129	Min.	205.00					0.01	2			219.67	2		
308	-131	-129	Min.	410.00	-24.72	14	-4.55	32	-9.36	32	-214.31	2	0.00	2	0.06	32
308	-129	-127	Max	0.00	27.73	28	-1.63	10	8.53	32	318.17	2	0.00	2	0.06	10
308	-129	-127	Max	295.00					0.05	2			469.31	2		
308	-129	-127	Max	590.00	27.73	28	-1.63	10	-4.76	10	-318.17	2	0.00	2	0.06	10
308	-129	-127	Min.	0.00	-33.43	14	-2.88	32	4.86	10	318.17	2	0.00	2	0.05	32
308	-129	-127	Min.	295.00					0.05	2			469.31	2		
308	-129	-127	Min.	590.00	-33.43	14	-2.88	32	-8.44	32	-318.17	2	0.00	2	0.05	32
308	-127	-125	Max	0.00	-9.71	28	-1.52	10	7.66	32	318.17	2	0.00	2	-0.12	16
308	-127	-125	Max	295.00					0.22	2			469.31	2		
308	-127	-125	Max	590.00	-9.71	28	-1.52	10	-4.39	10	-318.17	2	0.00	2	-0.12	16
308	-127	-125	Min.	0.00	-32.30	14	-2.46	32	4.60	10	318.17	2	0.00	2	-0.20	26
308	-127	-125	Min.	295.00					0.22	2			469.31	2		
308	-127	-125	Min.	590.00	-32.30	14	-2.46	32	-6.87	32	-318.17	2	0.00	2	-0.20	26
309	-134	-132	Max	0.00	25.52	12	-2.44	16	6.01	26	212.31	2	0.00	2	-0.37	14
309	-134	-132	Max	205.00					-0.98	2			217.62	2		
309	-134	-132	Max	410.00	25.52	12	-2.44	16	-6.08	16	-212.31	2	0.00	2	-0.37	14
309	-134	-132	Min.	0.00	-134.25	30	-3.38	26	3.94	16	212.31	2	0.00	2	-0.51	28
309	-134	-132	Min.	205.00					-0.98	2			217.62	2		
309	-134	-132	Min.	410.00	-134.25	30	-3.38	26	-7.86	26	-212.31	2	0.00	2	-0.51	28
309	-132	-130	Max	0.00	59.26	10	-4.06	14	9.24	28	212.31	2	0.00	2	-0.01	10
309	-132	-130	Max	205.00					0.01	2			217.62	2		
309	-132	-130	Max	410.00	59.26	10	-4.06	14	-8.38	14	-212.31	2	0.00	2	-0.01	10
309	-132	-130	Min.	0.00	-71.51	32	-4.49	28	8.27	14	212.31	2	0.00	2	-0.07	32
309	-132	-130	Min.	205.00					0.01	2			217.62	2		
309	-132	-130	Min.	410.00	-71.51	32	-4.49	28	-9.17	28	-212.31	2	0.00	2	-0.07	32
309	-130	-128	Max	0.00	53.02	10	-2.55	14	8.29	28	315.29	2	0.00	2	-0.04	6
309	-130	-128	Max	295.00					0.05	2			465.05	2		
309	-130	-128	Max	590.00	53.02	10	-2.55	14	-7.43	14	-315.29	2	0.00	2	-0.04	6
309	-130	-128	Min.	0.00	-18.06	32	-2.80	28	7.59	14	315.29	2	0.00	2	-0.07	20
309	-130	-128	Min.	295.00					0.05	2			465.05	2		
309	-130	-128	Min.	590.00	-18.06	32	-2.80	28	-8.24	28	-315.29	2	0.00	2	-0.07	20
309	-128	-126	Max	0.00	35.84	14	-2.05	16	7.98	26	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	35.84	14	-2.05	16	-5.63	16	-315.29	2	0.00	2	0.26	16
309	-128	-126	Min.	0.00	18.37	28	-2.66	26	6.45	16	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	18.37	28	-2.66	26	-7.72	26	-315.29	2	0.00	2	0.17	26
310	308	314	Max	17.50	588.90	10	-32.96	24	86.82	2	493.41	2	0.00	2	-29.34	24
310	308	314	Max	207.50					-21.40	2			468.74	2		
310	308	314	Max	397.50	588.90	10	-32.96	24	-85.84	24	-493.41	2	0.00	2	-29.34	24
310	308	314	Min.	17.50	-306.37	32	-56.96	2	39.40	24	493.41	2	0.00	2	-45.38	2
310	308	314	Min.	207.50					-21.40	2			468.74	2		
310	308	314	Min.	397.50	-306.37	32	-56.96	2	-129.61	2	-493.41	2	0.00	2	-45.38	2
310	314	320	Max	12.50	359.10	10	-66.17	26	144.25	16	704.69	14	267.57	28	-4.51	22
310	314	320	Max	95.21					75.18	28			356.41	28		
310	314	320	Max	397.50	359.10	10	-66.17	26	-126.57	26	-295.12	14	30.84	14	-4.51	22
310	314	320	Min.	12.50	-289.99	32	-76.03	16	128.18	26	214.80	28	-757.58	14	-8.32	4
310	314	320	Min.	222.70					-14.95	4			148.38	4		
310	314	320	Min.	397.50	-289.99	32	-76.03	16	-148.48	16	-785.01	28	-830.08	28	-8.32	4
310	320	326	Max	12.50	144.41	10	-31.32	26	106.12	16	824.25	14	-369.87	28	-1.07	22
310	320	326	Max	329.90					-14.19	14			389.24	14		
310	320	326	Max	577.50	144.41	10	-31.32	26	-89.66	26	-643.00	14	-406.81	14	-1.07	22
310	320	326	Min.	12.50	-276.06	32	-37.95	16	87.30	26	625.23	28	-918.84	14	-4.27	4
310	320	326	Min.	283.10					3.02	2			367.18	2		
310	320	326	Min.	577.50	-276.06	32	-37.95	16	-108.29	16	-842.03	28	-982.33	28	-4.27	4
310	326	332	Max	12.50	-82.27	10	-30.48	8	94.58	20	984.10	14	-465.02	28	25.97	20
310	326	332	Max	391.45					-25.38	14			617.25	14		
310	326	332	Max	577.50	-82.27	10	-30.48	8	-82.59	16	-483.15	14	167.80	14	25.97	20
310	326	332	Min.	12.50	-184.47	32	-32.49	18	87.81	6	671.64	28	-1247.38	14	-6.05	6
310	326	332	Min.	271.13					7.01	28			403.51	28		
310	326	332	Min.	577.50	-184.47	32	-32.49	18	-90.81	26	-795.61	28	-815.25	28	-6.05	6
311	-148	-147	Max	0.00	101.38	10	-1.62	6	4.56	20	256.39	2	0.00	2	0.02	6
311	-148	-147	Max	205.00					-1.26	2			262.80	2		
311	-148	-147	Max	410.00	101.38	10	-1.62	6	-4.54	12	-256.39	2	0.00	2	0.02	6
311	-148	-147	Min.	0.00	-68.48	32	-2.87	20	2.07	6	256.39	2	0.00	2	-0.02	20
311	-148	-147	Min.	205.00					-1.26	2			262.80	2		
311	-148	-147	Min.	410.00	-68.48	32	-2.87	20	-7.23	30	-256.39	2	0.00	2	-0.02	20
311	-147	-137	Max	0.00	74.74	10	-3.05	12	9.51	30	256.39	2	0.00	2	0.01	14
311	-147	-137	Max	205.00					0.05	2			262.80	2		
311	-147	-137	Max	410.00	74.74	10	-3.05	12	-6.12	12	-256.39	2	0.00	2	0.01	14
311	-147	-137	Min.	0.00	-62.17	32	-4.69	30	6.36	12	256.39	2	0.00	2	-0.01	28
311	-147	-137	Min.	205.00					0.05	2			262.80	2		
311	-147	-137	Min.	410.00	-62.17	32	-4.69	30	-9.72	30	-256.39	2	0.00	2	-0.01	28
311	-137	-136	Max	0.00	36.72	10	-1.70	10	8.78	32	378.72	2	0.00	2	0.01	2
311	-137	-136	Max	295.00					0.11	2			558.62	2		
311	-137	-136	Max	590.00	36.72	10	-1.70	10	-4.91	10	-378.72	2	0.00	2	0.01	2
311	-137	-136	Min.	0.00	-51.30	32	-2.93	32	5.10	10	378.72	2	0.00	2	-0.00	24
311	-137	-136	Min.	295.00					0.11	2			558.62	2		
311	-137	-136	Min.	590.00	-51.30	32	-2.93	32	-8.53	32	-378.72	2	0.00	2	-0.00	24

311	-136	-135	Max	0.00	-19.73	4	-1.26	12	6.94	30	378.72	2	0.00	2	0.01	8
311	-136	-135	Max	295.00					0.35	2			558.62	2		
311	-136	-135	Max	590.00	-19.73	4	-1.26	12	-3.48	12	-378.72	2	0.00	2	0.01	8
311	-136	-135	Min.	0.00	-34.75	22	-2.17	30	3.95	12	378.72	2	0.00	2	-0.15	18
311	-136	-135	Min.	295.00					0.35	2			558.62	2		
311	-136	-135	Min.	590.00	-34.75	22	-2.17	30	-5.87	30	-378.72	2	0.00	2	-0.15	18
312	409	415	Max	17.50	1234.86	10	8.16	28	36.80	4	541.38	2	0.00	2	49.71	20
312	409	415	Max	207.50					-21.05	2			514.32	2		
312	409	415	Max	397.50	1234.86	10	8.16	28	-2.95	28	-541.38	2	0.00	2	49.71	20
312	409	415	Min.	17.50	-264.31	32	-31.89	14	-36.76	22	541.38	2	0.00	2	13.94	6
312	409	415	Min.	207.50					-21.05	2			514.32	2		
312	409	415	Min.	397.50	-264.31	32	-31.89	14	-87.19	14	-541.38	2	0.00	2	13.94	6
312	415	421	Max	12.50	864.23	10	-14.57	10	124.18	32	726.19	14	175.85	28	16.35	26
312	415	421	Max	116.28					18.07	28			329.31	28		
312	415	421	Max	397.50	864.23	10	-14.57	10	-25.59	10	-370.82	14	-50.42	14	16.35	26
312	415	421	Min.	12.50	-225.91	32	-65.20	32	30.51	10	295.72	28	-734.50	14	10.87	16
312	415	421	Min.	216.09					-5.49	4			164.65	4		
312	415	421	Min.	397.50	-225.91	32	-65.20	32	-126.86	32	-801.29	28	-797.37	28	10.87	16
312	421	427	Max	12.50	497.87	12	-4.73	10	88.99	32	883.79	14	-481.81	28	7.74	32
312	421	427	Max	322.67					-9.42	14			418.79	14		
312	421	427	Max	577.50	497.87	12	-4.73	10	-13.84	10	-726.12	14	-506.39	14	7.74	32
312	421	427	Min.	12.50	-188.19	30	-31.73	32	12.89	10	713.40	28	-951.83	14	3.46	10
312	421	427	Min.	284.00					1.42	6			402.25	6		
312	421	427	Min.	577.50	-188.19	30	-31.73	32	-90.29	32	-896.51	28	-999.11	28	3.46	10
312	427	433	Max	12.50	126.07	12	5.88	12	62.07	30	1062.57	14	-635.62	28	-9.78	18
312	427	433	Max	385.41					-5.39	14			676.06	14		
312	427	433	Max	577.50	126.07	12	5.88	12	24.66	12	-547.34	14	150.37	14	-9.78	18
312	427	433	Min.	12.50	-87.45	30	-18.18	30	-8.58	12	794.78	28	-1305.17	14	-32.99	8
312	427	433	Min.	291.43					7.80	28			472.83	28		
312	427	433	Min.	577.50	-87.45	30	-18.18	30	-40.66	30	-815.12	28	-693.08	28	-32.99	8
313	-9	-10	Max	0.00	491.30	28	34.54	8	-31.49	18	614.85	2	0.00	2	19.71	8
313	-9	-10	Max	205.00					-4.43	2			630.22	2		
313	-9	-10	Max	410.00	491.30	28	34.54	8	66.42	8	-614.85	2	0.00	2	19.71	8
313	-9	-10	Min.	0.00	112.99	14	13.29	18	-75.19	8	614.85	2	0.00	2	8.21	18
313	-9	-10	Min.	205.00					-4.43	2			630.22	2		
313	-9	-10	Min.	410.00	112.99	14	13.29	18	23.02	18	-614.85	2	0.00	2	8.21	18
313	-10	-11	Max	0.00	321.09	26	22.80	8	-33.03	18	547.56	14	-18.90	10	1.61	8
313	-10	-11	Max	148.13					-11.33	10			310.14	10		
313	-10	-11	Max	410.00	321.09	26	22.80	8	53.19	8	-682.14	14	-570.37	14	1.61	8
313	-10	-11	Min.	0.00	-33.42	16	13.44	18	-40.30	8	444.27	10	-294.49	16	0.15	18
313	-10	-11	Min.	182.56					-5.29	14			205.34	14		
313	-10	-11	Min.	410.00	-33.42	16	13.44	18	22.09	18	-785.42	10	-718.26	10	0.15	18
313	-11	-41	Max	0.00	202.19	28	81.99	4	58.00	22	864.51	14	-691.52	10	0.50	8
313	-11	-41	Max	176.67	202.19	28	81.99	4	33.58	18	334.64	14	308.92	10	0.50	8
313	-11	-41	Min.	0.00	-220.11	14	-63.72	22	-111.96	4	831.22	10	-789.45	14	-0.52	18
313	-11	-41	Min.	176.67	-220.11	14	-63.72	22	-55.26	8	301.35	10	269.80	14	-0.52	18
313	-41	-42	Max	0.00	135.96	28	15.76	4	33.59	18	334.63	14	308.93	10	0.50	8
313	-41	-42	Max	100.47					-16.85	12			460.31	12		
313	-41	-42	Max	191.67	135.96	28	15.76	4	63.10	4	-240.23	14	360.28	16	0.50	8
313	-41	-42	Min.	0.00	-153.87	14	2.52	22	-55.26	8	301.34	10	269.81	14	-0.52	18
313	-41	-42	Min.	111.57					14.67	14			456.49	14		
313	-41	-42	Min.	191.67	-153.87	14	2.52	22	-49.75	22	-273.52	10	335.60	10	-0.52	18
313	-42	-12	Max	0.00	61.63	28	77.41	8	63.10	4	-240.21	14	360.30	16	0.50	8
313	-42	-12	Max	221.67	61.63	28	77.41	8	122.25	8	-905.04	14	-909.02	16	0.50	8
313	-42	-12	Min.	0.00	-79.55	14	-59.14	18	-49.75	22	-273.50	10	335.62	10	-0.52	18
313	-42	-12	Min.	221.67	-79.55	14	-59.14	18	-68.39	18	-938.33	10	-1007.49	10	-0.52	18
313	-12	-43	Max	0.00	-6.54	28	92.22	4	74.01	22	1055.48	14	-941.40	10	6.48	8
313	-12	-43	Max	161.67	-6.54	28	92.22	4	18.74	18	570.60	14	234.54	12	6.48	8
313	-12	-43	Min.	0.00	-221.98	14	-72.11	22	-131.41	4	969.83	10	-1124.87	14	-6.40	18
313	-12	-43	Min.	161.67	-221.98	14	-72.11	22	-43.62	8	484.95	10	189.54	14	-6.40	18
313	-43	-44	Max	0.00	-70.08	28	28.69	4	18.74	18	570.59	14	234.56	12	6.48	8
313	-43	-44	Max	190.12					26.55	14			732.32	14		
313	-43	-44	Max	191.67	-70.08	28	28.69	4	72.67	4	-4.27	14	732.28	14	6.48	8
313	-43	-44	Min.	0.00	-158.44	14	-8.57	22	-43.63	8	484.94	10	189.56	14	-6.40	18
313	-43	-44	Min.	161.69					22.00	10			626.59	10		
313	-43	-44	Min.	191.67	-158.44	14	-8.57	22	-59.00	22	-89.92	12	613.11	10	-6.40	18
313	-44	-13	Max	0.00	-81.42	32	69.31	8	72.67	4	-4.25	14	732.28	14	6.48	8
313	-44	-13	Max	236.67	-81.42	32	69.31	8	105.61	8	-714.07	14	-117.73	14	6.48	8
313	-44	-13	Min.	0.00	-147.10	10	-49.19	18	-59.00	22	-89.90	12	613.12	10	-6.40	18
313	-44	-13	Min.	236.67	-147.10	10	-49.19	18	-44.35	18	-799.73	10	-439.60	12	-6.40	18
314	410	416	Max	17.50	726.22	28	39.57	32	22.24	2	541.38	2	0.00	2	-16.79	18
314	410	416	Max	207.50					21.64	2			514.32	2		
314	410	416	Max	397.50	726.22	28	39.57	32	101.90	32	-541.38	2	0.00	2	-16.79	18
314	410	416	Min.	17.50	-774.84	14	-0.44	10	-51.31	24	541.38	2	0.00	2	-52.58	8
314	410	416	Min.	207.50					21.64	2			514.32	2		
314	410	416	Min.	397.50	-774.84	14	-0.44	10	17.72	10	-541.38	2	0.00	2	-52.58	8
314	416	422	Max	12.50	511.92	28	75.08	14	-49.62	28	717.22	32	194.02	10	-11.28	30
314	416	422	Max	113.26					-27.75	10			338.65	10		
314	416	422	Max	397.50	511.92	28	75.08	14	145.76	14	-379.80	32	-66.07	32	-11.28	30
314	416	422	Min.	12.50	-579.66	14	24.44	28	-143.32	14	287.09	10	-715.61	32	-16.67	12
314	416	422	Min.	212.98					4.81	24			165.41	24		
314	416	422	Min.	397.50	-579.66	14	24.44	28	44.47	28	-809.92	10	-812.42	10	-16.67	12
314	422	428	Max	12.50	278.99	26	36.52	14	-26.22	28	880.32	32	-472.41	10	-3.46	28
314	422	428	Max	321.45					10.51	32			417.81	32		
314	422	428	Max	577.50	278.99	26	36.52	14	104.02	14	-729.59	32	-516.25	32	-3.46	28
314	422	428	Min.	12.50	-407.99	16	9.52	28	-102.31	14	710.06	10	-942.06	32	-7.84	14
314	422	428	Min.	283.48					-1.09	22			402.58	22		
314	422	428	Min.	577.50	-407.99	16	9.52	28	27.58	28	-899.85	10	-1008.58	10	-7.84	14
314	428	434	Max	12.50	24.95	26	23.37	16	-5.82	26	1056.86	32	-622.17	10	32.94	20
314	428	434	Max	383.41					9.83	32			668.78	32		

314	428	434	Max	577.50	24.95	26	23.37	16	55.52	16	-553.05	32	132.06	32	32.94	20
314	428	434	Min.	12.50	-188.99	16	-0.71	26	-76.49	16	789.28	10	-1291.19	32	9.78	6
314	428	434	Min.	289.50					-7.76	10			470.99	10		
314	428	434	Min.	577.50	-188.99	16	-0.71	26	-9.83	26	-820.62	10	-710.71	10	9.78	6
315	-150	-149	Max	0.00	119.33	28	1.58	8	0.54	18	256.39	2	0.00	2	-0.10	8
315	-150	-149	Max	205.00					1.20	2			262.80	2		
315	-150	-149	Max	410.00	119.33	28	1.58	8	4.54	16	-256.39	2	0.00	2	-0.10	8
315	-150	-149	Min.	0.00	-50.91	14	0.32	18	-1.95	8	256.39	2	0.00	2	-0.15	18
315	-150	-149	Min.	205.00					1.20	2			262.80	2		
315	-150	-149	Min.	410.00	-50.91	14	0.32	18	1.85	26	-256.39	2	0.00	2	-0.15	18
315	-149	-140	Max	0.00	78.05	28	3.43	16	-3.74	26	256.39	2	0.00	2	0.01	10
315	-149	-140	Max	205.00					-0.00	2			262.80	2		
315	-149	-140	Max	410.00	78.05	28	3.43	16	7.17	16	-256.39	2	0.00	2	0.01	10
315	-149	-140	Min.	0.00	-59.20	14	1.78	26	-6.89	16	256.39	2	0.00	2	-0.01	32
315	-149	-140	Min.	205.00					-0.00	2			262.80	2		
315	-149	-140	Min.	410.00	-59.20	14	1.78	26	3.57	26	-256.39	2	0.00	2	-0.01	32
315	-140	-139	Max	0.00	36.96	28	2.20	14	-2.89	28	378.72	2	0.00	2	0.00	4
315	-140	-139	Max	295.00					-0.08	2			558.62	2		
315	-140	-139	Max	590.00	36.96	28	2.20	14	6.39	14	-378.72	2	0.00	2	0.00	4
315	-140	-139	Min.	0.00	-51.35	14	0.96	28	-6.58	14	378.72	2	0.00	2	-0.01	22
315	-140	-139	Min.	295.00					-0.08	2			558.62	2		
315	-140	-139	Min.	590.00	-51.35	14	0.96	28	2.76	28	-378.72	2	0.00	2	-0.01	22
315	-139	-138	Max	0.00	-18.15	24	1.48	16	-1.90	26	378.72	2	0.00	2	0.15	6
315	-139	-138	Max	295.00					-0.31	2			558.62	2		
315	-139	-138	Max	590.00	-18.15	24	1.48	16	3.86	16	-378.72	2	0.00	2	0.15	6
315	-139	-138	Min.	0.00	-33.12	2	0.57	26	-4.89	16	378.72	2	0.00	2	-0.01	20
315	-139	-138	Min.	295.00					-0.31	2			558.62	2		
315	-139	-138	Min.	590.00	-33.12	2	0.57	26	1.47	26	-378.72	2	0.00	2	-0.01	20
316	311	317	Max	17.50	746.11	28	49.13	22	-27.48	4	495.27	2	0.00	2	43.71	22
316	311	317	Max	207.50					19.98	2			470.50	2		
316	311	317	Max	397.50	746.11	28	49.13	22	111.85	22	-495.27	2	0.00	2	43.71	22
316	311	317	Min.	17.50	-152.79	14	25.17	4	-74.84	22	495.27	2	0.00	2	27.64	4
316	311	317	Min.	207.50					19.98	2			470.50	2		
316	311	317	Min.	397.50	-152.79	14	25.17	4	68.17	4	-495.27	2	0.00	2	27.64	4
316	317	323	Max	12.50	474.72	28	64.21	30	-105.46	12	703.17	32	271.46	10	8.15	24
316	317	323	Max	94.69					-62.67	10			359.51	10		
316	317	323	Max	397.50	474.72	28	64.21	30	125.34	30	-300.40	32	23.66	32	8.15	24
316	317	323	Min.	12.50	-177.37	14	54.18	12	-121.86	30	214.25	10	-751.67	32	4.36	2
316	317	323	Min.	221.46					11.76	24			148.96	24		
316	317	323	Min.	397.50	-177.37	14	54.18	12	103.13	12	-789.32	10	-835.54	10	4.36	2
316	323	329	Max	12.50	219.92	28	31.91	30	-70.31	12	825.65	32	-369.78	10	4.24	24
316	323	329	Max	329.24					11.60	32			389.94	32		
316	323	329	Max	577.50	219.92	28	31.91	30	90.97	30	-647.13	32	-413.33	32	4.24	24
316	323	329	Min.	12.50	-202.27	14	25.21	12	-89.34	30	627.02	10	-917.65	32	1.06	2
316	323	329	Min.	282.72					-2.68	22			368.55	22		
316	323	329	Min.	577.50	-202.27	14	25.21	12	72.11	12	-845.75	10	-987.71	10	1.06	2
316	329	335	Max	12.50	-44.27	28	25.40	6	-68.40	18	985.17	32	-464.70	10	6.14	18
316	329	335	Max	390.44					17.77	32			616.22	32		
316	329	335	Max	577.50	-44.27	28	25.40	6	70.02	12	-487.60	32	160.16	32	6.14	18
316	329	335	Min.	12.50	-146.91	14	23.43	20	-75.27	8	673.36	10	-1245.46	32	-25.95	8
316	329	335	Min.	270.82					-6.02	10			405.00	10		
316	329	335	Min.	577.50	-146.91	14	23.43	20	62.18	30	-799.42	10	-820.83	10	-25.95	8
317	-153	-151	Max	0.00	20.90	26	3.32	12	-3.88	30	214.31	2	0.00	2	0.50	10
317	-153	-151	Max	205.00					0.97	2			219.67	2		
317	-153	-151	Max	410.00	20.90	26	3.32	12	7.72	12	-214.31	2	0.00	2	0.50	10
317	-153	-151	Min.	0.00	-139.15	16	2.41	30	-5.88	12	214.31	2	0.00	2	0.37	32
317	-153	-151	Min.	205.00					0.97	2			219.67	2		
317	-153	-151	Min.	410.00	-139.15	16	2.41	30	6.01	30	-214.31	2	0.00	2	0.37	32
317	-151	-145	Max	0.00	58.68	28	4.41	10	-8.20	32	214.31	2	0.00	2	0.07	14
317	-151	-145	Max	205.00					-0.00	2			219.67	2		
317	-151	-145	Max	410.00	58.68	28	4.41	10	9.00	10	-214.31	2	0.00	2	0.07	14
317	-151	-145	Min.	0.00	-72.25	14	4.02	32	-9.09	10	214.31	2	0.00	2	0.01	28
317	-151	-145	Min.	205.00					-0.00	2			219.67	2		
317	-151	-145	Min.	410.00	-72.25	14	4.02	32	8.29	32	-214.31	2	0.00	2	0.01	28
317	-145	-143	Max	0.00	52.43	28	2.74	10	-7.48	32	318.17	2	0.00	2	0.07	8
317	-145	-143	Max	295.00					-0.05	2			469.31	2		
317	-145	-143	Max	590.00	52.43	28	2.74	10	8.04	10	-318.17	2	0.00	2	0.07	8
317	-145	-143	Min.	0.00	-18.82	14	2.51	32	-8.11	10	318.17	2	0.00	2	0.03	18
317	-145	-143	Min.	295.00					-0.05	2			469.31	2		
317	-145	-143	Min.	590.00	-18.82	14	2.51	32	7.30	32	-318.17	2	0.00	2	0.03	18
317	-143	-141	Max	0.00	32.61	32	2.59	12	-6.32	30	318.17	2	0.00	2	-0.17	12
317	-143	-141	Max	295.00					-0.21	2			469.31	2		
317	-143	-141	Max	590.00	32.61	32	2.59	12	7.52	12	-318.17	2	0.00	2	-0.17	12
317	-143	-141	Min.	0.00	15.17	10	2.00	30	-7.77	12	318.17	2	0.00	2	-0.26	30
317	-143	-141	Min.	295.00					-0.21	2			469.31	2		
317	-143	-141	Min.	590.00	15.17	10	2.00	30	5.50	30	-318.17	2	0.00	2	-0.26	30
318	-154	-152	Max	0.00	103.78	28	3.13	16	-3.00	26	212.31	2	0.00	2	0.19	12
318	-154	-152	Max	205.00					0.72	2			217.62	2		
318	-154	-152	Max	410.00	103.78	28	3.13	16	7.36	16	-212.31	2	0.00	2	0.19	12
318	-154	-152	Min.	0.00	24.65	14	1.76	26	-5.46	16	212.31	2	0.00	2	0.08	30
318	-154	-152	Min.	205.00					0.72	2			217.62	2		
318	-154	-152	Min.	410.00	24.65	14	1.76	26	4.22	26	-212.31	2	0.00	2	0.08	30
318	-152	-146	Max	0.00	58.44	10	4.53	14	-5.43	28	212.31	2	0.00	2	-0.06	16
318	-152	-146	Max	205.00					0.72	2			217.62	2		
318	-152	-146	Max	410.00	58.44	10	4.53	14	9.33	14	-212.31	2	0.00	2	-0.06	16
318	-152	-146	Min.	0.00	-25.56	32	2.64	28	-9.25	14	212.31	2	0.00	2	-0.11	26
318	-152	-146	Min.	205.00					0.72	2			217.62	2		
318	-152	-146	Min.	410.00	-25.56	32	2.64	28	5.38	28	-212.31	2	0.00	2	-0.11	26
318	-146	-144	Max	0.00	25.45	10	2.87	14	-4.80	28	315.29	2	0.00	2	-0.05	14
318	-146	-144	Max	295.00					-0.04	2			465.05	2		

318	-146	-144	Max	590.00	25.45	10	2.87	14	8.43	14	-315.29	2	0.00	2	-0.05	14
318	-146	-144	Min.	0.00	-35.06	32	1.61	28	-8.52	14	315.29	2	0.00	2	-0.07	28
318	-146	-144	Min.	295.00					-0.04	2			465.05	2		
318	-146	-144	Min.	590.00	-35.06	32	1.61	28	4.71	28	-315.29	2	0.00	2	-0.07	28
318	-144	-142	Max	0.00	-10.76	10	2.47	14	-4.55	28	315.29	2	0.00	2	0.20	12
318	-144	-142	Max	295.00					-0.19	2			465.05	2		
318	-144	-142	Max	590.00	-10.76	10	2.47	14	6.88	14	-315.29	2	0.00	2	0.20	12
318	-144	-142	Min.	0.00	-34.19	32	1.51	28	-7.66	14	315.29	2	0.00	2	0.13	30
318	-144	-142	Min.	295.00					-0.19	2			465.05	2		
318	-144	-142	Min.	590.00	-34.19	32	1.51	28	4.35	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	882.76	22	1565.44	4	903.35	14
501	1	2	Max	329.97									39.27	10		
501	1	2	Max	416.50	0.00	2	0.00	2	0.00	2	1180.83	24	1687.89	22	903.35	14
501	1	2	Min.	12.50	0.00	2	0.00	2	0.00	2	-725.64	4	-2144.80	22	114.84	28
501	1	2	Min.	300.18									-118.28	14		
501	1	2	Min.	416.50	0.00	2	0.00	2	0.00	2	-375.88	2	-788.88	4	114.84	28
501	2	3	Max	12.50	0.00	2	0.00	2	0.00	2	362.91	22	1428.00	2	201.07	32
501	2	3	Max	108.97									45.96	12		
501	2	3	Max	337.50	0.00	2	0.00	2	0.00	2	934.40	24	1330.42	24	201.07	32
501	2	3	Min.	12.50	0.00	2	0.00	2	0.00	2	-1024.00	4	-719.16	24	-0.65	10
501	2	3	Min.	290.12									-118.50	14		
501	2	3	Min.	337.50	0.00	2	0.00	2	0.00	2	-405.64	2	-855.12	2	-0.65	10
501	3	4	Max	12.50	0.00	2	0.00	2	0.00	2	251.13	22	1451.38	4	-24.27	22
501	3	4	Max	147.89									-177.88	12		
501	3	4	Max	428.50	0.00	2	0.00	2	0.00	2	889.88	24	1263.58	24	-24.27	22
501	3	4	Min.	12.50	0.00	2	0.00	2	0.00	2	-1001.58	4	-946.94	22	-102.32	4
501	3	4	Min.	423.49									-368.19	10		
501	3	4	Min.	428.50	0.00	2	0.00	2	0.00	2	-361.65	2	-1132.46	2	-102.32	4
501	4	5	Max	12.50	0.00	2	0.00	2	0.00	2	512.94	22	1169.82	4	60.04	28
501	4	5	Max	200.05									51.53	26		
501	4	5	Max	337.50	0.00	2	0.00	2	0.00	2	1067.52	24	1491.73	22	60.04	28
501	4	5	Min.	12.50	0.00	2	0.00	2	0.00	2	-828.34	4	-1017.80	22	-143.79	14
501	4	5	Min.	47.14									-150.15	16		
501	4	5	Min.	337.50	0.00	2	0.00	2	0.00	2	-318.03	2	-657.51	4	-143.79	14
501	5	6	Max	12.50	0.00	2	0.00	2	0.00	2	367.06	22	1728.46	2	-99.03	10
501	5	6	Max	110.69									68.68	28		
501	5	6	Max	416.50	0.00	2	0.00	2	0.00	2	713.27	24	1556.43	24	-99.03	10
501	5	6	Min.	12.50	0.00	2	0.00	2	0.00	2	-1190.96	4	-745.92	24	-887.05	32
501	5	6	Min.	138.75									-89.27	32		
501	5	6	Min.	416.50	0.00	2	0.00	2	0.00	2	-893.52	2	-2150.51	2	-887.05	32
506	31	32	Max	12.50	0.00	2	0.00	2	0.00	2	957.66	8	1074.92	18	245.32	16
506	31	32	Max	416.50	0.00	2	0.00	2	0.00	2	198.20	6	589.22	8	245.32	16
506	31	32	Min.	12.50	0.00	2	0.00	2	0.00	2	-166.47	18	-1668.44	8	-370.50	26
506	31	32	Min.	416.50	0.00	2	0.00	2	0.00	2	-813.33	20	-929.24	18	-370.50	26
506	32	33	Max	12.50	0.00	2	0.00	2	0.00	2	719.80	8	501.54	20	63.91	32
506	32	33	Max	337.50	0.00	2	0.00	2	0.00	2	150.38	6	752.00	6	63.91	32
506	32	33	Min.	12.50	0.00	2	0.00	2	0.00	2	-37.04	18	-677.51	6	-66.69	10
506	32	33	Min.	337.50	0.00	2	0.00	2	0.00	2	-554.29	20	-403.67	20	-66.69	10
506	33	-6	Max	12.50	0.00	2	0.00	2	0.00	2	69.33	8	757.07	18	133.47	28
506	33	-6	Max	220.50	0.00	2	0.00	2	0.00	2	-511.33	8	-838.29	16	133.47	28
506	33	-6	Min.	12.50	0.00	2	0.00	2	0.00	2	-562.84	18	-421.97	8	-141.68	14
506	33	-6	Min.	220.50	0.00	2	0.00	2	0.00	2	-1070.41	18	-925.03	26	-141.68	14
506	-6	34	Max	0.00	0.00	2	0.00	2	0.00	2	1070.91	6	-838.43	30	118.61	32
506	-6	34	Max	208.00	0.00	2	0.00	2	0.00	2	563.64	6	758.26	6	118.61	32
506	-6	34	Min.	0.00	0.00	2	0.00	2	0.00	2	512.63	20	-925.07	12	-155.06	10
506	-6	34	Min.	208.00	0.00	2	0.00	2	0.00	2	-67.64	20	-419.10	20	-155.06	10
506	34	35	Max	12.50	0.00	2	0.00	2	0.00	2	553.46	8	754.86	18	74.45	28
506	34	35	Max	337.50	0.00	2	0.00	2	0.00	2	35.70	6	501.25	8	74.45	28
506	34	35	Min.	12.50	0.00	2	0.00	2	0.00	2	-152.23	18	-402.48	8	-57.30	14
506	34	35	Min.	337.50	0.00	2	0.00	2	0.00	2	-720.01	20	-679.52	18	-57.30	14
506	35	36	Max	12.50	0.00	2	0.00	2	0.00	2	813.79	8	587.84	20	375.04	12
506	35	36	Max	416.50	0.00	2	0.00	2	0.00	2	165.53	6	1071.85	6	375.04	12
506	35	36	Min.	12.50	0.00	2	0.00	2	0.00	2	-199.11	18	-928.40	6	-240.19	30
506	35	36	Min.	416.50	0.00	2	0.00	2	0.00	2	-956.99	20	-1667.80	20	-240.19	30
507	1	7	Max	17.50	0.00	2	0.00	2	0.00	2	1246.68	14	1112.17	28	251.52	4
507	1	7	Max	617.50	0.00	2	0.00	2	0.00	2	641.72	16	1493.21	14	251.52	4
507	1	7	Min.	17.50	0.00	2	0.00	2	0.00	2	-371.75	28	-3394.28	14	-419.72	22
507	1	7	Min.	617.50	0.00	2	0.00	2	0.00	2	-611.82	26	-1515.90	28	-419.72	22
507	7	13	Max	17.50	0.00	2	0.00	2	0.00	2	232.04	14	2662.70	28	20.66	20
507	7	13	Max	397.50	0.00	2	0.00	2	0.00	2	-112.39	14	121.06	14	20.66	20
507	7	13	Min.	17.50	0.00	2	0.00	2	0.00	2	-1233.39	28	-300.50	14	-94.33	6
507	7	13	Min.	397.50	0.00	2	0.00	2	0.00	2	-1199.92	28	-1631.47	28	-94.33	6
507	13	19	Max	12.50	0.00	2	0.00	2	0.00	2	851.40	14	-27.75	28	15.12	24
507	13	19	Max	397.50	0.00	2	0.00	2	0.00	2	122.16	16	539.34	14	15.12	24
507	13	19	Min.	12.50	0.00	2	0.00	2	0.00	2	85.47	28	-1244.64	14	-55.17	2
507	13	19	Min.	397.50	0.00	2	0.00	2	0.00	2	-550.96	26	-872.93	28	-55.17	2
507	19	25	Max	12.50	0.00	2	0.00	2	0.00	2	634.03	14	438.27	28	109.83	24
507	19	25	Max	577.50	0.00	2	0.00	2	0.00	2	-65.23	16	336.76	16	109.83	24
507	19	25	Min.	12.50	0.00	2	0.00	2	0.00	2	42.71	28	-906.40	14	-87.62	2
507	19	25	Min.	577.50	0.00	2	0.00	2	0.00	2	-588.62	26	-902.44	26	-87.62	2
507	25	31	Max	12.50	0.00	2	0.00	2	0.00	2	649.54	14	486.23	28	437.27	8
507	25	31	Max	577.50	0.00	2	0.00	2	0.00	2	-1.91	16	807.38	14	437.27	8
507	25	31	Min.	12.50	0.00	2	0.00	2	0.00	2	5.49	28	-982.33	14	-230.50	18
507	25	31	Min.	577.50	0.00	2	0.00	2	0.00	2	-878.53	26	-1540.10	28	-230.50	18
519	6	12	Max	17.50	0.00	2	0.00	2	0.00	2	1237.64	32	1118.07	10	421.18	2
519	6	12	Max	617.50	0.00	2	0.00	2	0.00	2	639.47	30	1485.38	32	421.18	2
519	6	12	Min.	17.50	0.00	2	0.00	2	0.00	2	-374.97	10	-3373.39	32	-249.99	24
519	6	12	Min.	617.50	0.00	2	0.00	2	0.00	2	-610.17	12	-1513.40	10	-249.99	24
519	12	18	Max	17.50	0.00	2	0.00	2	0.00	2	227.96	32	2659.30	10	94.75	18
519	12	18	Max	397.50	0.00	2	0.00	2	0.00	2	-114.77	32	116.64	32	94.75	18

519	12	18	Min.	17.50	0.00	2	0.00	2	0.00	2	-1232.23	10	-293.29	32	-20.72	8
519	12	18	Min.	397.50	0.00	2	0.00	2	0.00	2	-1198.40	10	-1629.67	10	-20.72	8
519	18	24	Max	12.50	0.00	2	0.00	2	0.00	2	849.26	32	-28.81	10	55.21	22
519	18	24	Max	397.50	0.00	2	0.00	2	0.00	2	120.58	30	535.65	32	55.21	22
519	18	24	Min.	12.50	0.00	2	0.00	2	0.00	2	85.97	10	-1241.47	32	-15.65	4
519	18	24	Min.	397.50	0.00	2	0.00	2	0.00	2	-550.13	12	-871.53	10	-15.65	4
519	24	30	Max	12.50	0.00	2	0.00	2	0.00	2	632.39	32	437.24	10	87.36	22
519	24	30	Max	577.50	0.00	2	0.00	2	0.00	2	-66.21	30	334.05	30	87.36	22
519	24	30	Min.	12.50	0.00	2	0.00	2	0.00	2	42.97	10	-902.86	32	-110.51	4
519	24	30	Min.	577.50	0.00	2	0.00	2	0.00	2	-587.59	12	-900.46	12	-110.51	4
519	30	36	Max	12.50	0.00	2	0.00	2	0.00	2	647.66	32	485.67	10	229.51	6
519	30	36	Max	577.50	0.00	2	0.00	2	0.00	2	-4.91	30	799.39	32	229.51	6
519	30	36	Min.	12.50	0.00	2	0.00	2	0.00	2	5.34	10	-978.02	32	-437.88	20
519	30	36	Min.	577.50	0.00	2	0.00	2	0.00	2	-878.11	12	-1540.38	10	-437.88	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	-6184.47	37	1993.09	41	-848.00	37	1328.93	37	-402.03	41	-4.65	41
1	1	101	Max	201.57					2239.39	37			341.36	37		
1	1	101	Max	310.50	-5349.83	37	1993.09	41	4824.74	41	-563.86	33	-85.77	37	-4.65	41
1	1	101	Min.	17.00	-7335.04	41	1672.71	37	-1024.97	41	678.74	41	-885.07	37	-7.88	37
1	1	101	Min.	174.12					2106.47	41			131.17	41		
1	1	101	Min.	310.50	-6371.99	41	1672.71	37	4061.40	37	-784.27	37	-270.60	41	-7.88	37
2	2	302	Max	17.00	-10882.30	37	3409.24	41	-645.13	37	522.09	37	-430.27	41	-4.65	41
2	2	302	Max	310.50	-10047.70	37	3409.24	41	9256.99	41	522.09	37	694.31	37	-4.65	41
2	2	302	Min.	17.00	-12775.90	41	2937.41	37	-749.14	41	281.42	41	-838.02	37	-7.88	37
2	2	302	Min.	310.50	-11812.90	41	2937.41	37	7976.16	37	281.42	41	392.20	33	-7.88	37
3	3	403	Max	17.00	-11280.50	37	3343.28	41	-362.84	37	583.98	37	-600.21	41	-4.65	41
3	3	403	Max	310.50	-10445.80	37	3343.28	41	9400.18	41	583.98	37	740.76	37	-4.65	41
3	3	403	Min.	17.00	-13072.90	41	2886.27	37	-412.35	41	347.24	41	-973.22	37	-7.88	37
3	3	403	Min.	310.50	-12109.90	41	2886.27	37	8108.35	37	347.24	41	418.94	41	-7.88	37
4	4	404	Max	17.00	-10275.10	37	2907.47	41	-125.10	37	600.87	37	-551.69	33	-4.65	41
4	4	404	Max	310.50	-9440.42	37	2907.47	41	8363.60	41	600.87	37	832.24	37	-4.65	41
4	4	404	Min.	17.00	-12151.50	41	2456.29	37	-169.83	41	366.05	33	-931.30	37	-7.88	37
4	4	404	Min.	310.50	-11188.40	41	2456.29	37	7084.11	37	366.05	33	522.65	33	-7.88	37
5	5	305	Max	17.00	-11166.80	37	3435.99	41	-738.03	37	625.88	37	-688.27	33	-4.65	41
5	5	305	Max	310.50	-10332.20	37	3435.99	41	9259.86	41	625.88	37	780.74	37	-4.65	41
5	5	305	Min.	17.00	-12936.10	41	2982.16	37	-824.77	41	399.53	33	-1056.23	37	-7.88	37
5	5	305	Min.	310.50	-11973.00	41	2982.16	37	8014.61	37	399.53	33	480.74	41	-7.88	37
6	6	106	Max	17.00	-6498.74	37	2048.56	41	-982.71	37	1173.18	37	-790.26	33	-4.65	41
6	6	106	Max	310.50	-5664.10	37	2048.56	41	4906.65	41	190.29	41	751.53	37	-4.65	41
6	6	106	Min.	17.00	-7524.02	41	1766.50	37	-1105.87	41	798.98	33	-1141.19	37	-7.88	37
6	6	106	Min.	310.50	-6560.97	41	1766.50	37	4201.96	37	116.58	37	624.41	33	-7.88	37
7	7	107	Max	17.00	-8066.13	37	-1935.39	37	1975.57	41	950.52	37	-102.63	41	-4.65	41
7	7	107	Max	149.02					-764.69	37			367.02	37		
7	7	107	Max	310.53	-7231.40	37	-1935.39	37	-3890.61	37	-851.06	33	-572.10	37	-4.65	41
7	7	107	Min.	17.00	-9777.08	41	-2196.24	41	1790.35	37	387.04	41	-260.40	37	-7.88	37
7	7	107	Min.	106.59					7.92	41			70.75	41		
7	7	107	Min.	310.53	-8813.94	41	-2196.24	41	-4471.05	41	-1162.90	37	-827.62	41	-7.88	37
8	8	-155	Max	0.00	-14237.60	37	-2931.74	37	794.70	41	224.97	37	-131.42	33	-4.51	41
8	8	-155	Max	305.50	-13368.80	37	-2931.74	37	-8253.53	37	224.97	37	459.38	37	-4.51	41
8	8	-155	Min.	0.00	-16752.30	41	-3336.12	41	702.95	37	120.33	33	-227.89	37	-7.63	37
8	8	-155	Min.	305.50	-15749.80	41	-3336.12	41	-9397.15	41	120.33	33	236.18	33	-7.63	37
8	-155	308	Max	17.50	-2403.51	37	-142.58	37	569.92	41	1093.78	41	547.86	37	31.43	37
8	-155	308	Max	17.58	-2403.30	37	-142.58	37	569.81	41	1093.78	41	548.04	37	31.43	37
8	-155	308	Min.	17.50	-3217.86	41	-156.65	41	478.53	37	234.57	37	422.72	33	26.87	33
8	-155	308	Min.	17.58	-3217.61	41	-156.65	41	478.42	37	234.57	37	423.44	33	26.87	33
9	9	-15	Max	0.00	-14733.90	37	-2897.74	37	785.26	41	268.66	37	-149.22	33	-4.51	41
9	9	-15	Max	305.50	-13865.10	37	-2897.74	37	-8164.30	37	268.66	37	576.40	37	-4.51	41
9	9	-15	Min.	0.00	-17272.40	41	-3312.65	41	688.30	37	167.54	33	-244.36	37	-7.63	37
9	9	-15	Min.	305.50	-16270.00	41	-3312.65	41	-9334.88	41	167.54	33	362.61	33	-7.63	37
9	-15	409	Max	17.50	-2744.01	37	-1016.47	37	735.45	41	-958.26	33	455.92	37	304.59	41
9	-15	409	Max	42.09	-2674.09	37	-1016.45	37	466.68	41	-958.24	33	178.44	37	304.59	41
9	-15	409	Min.	17.50	-3550.40	41	-1093.11	41	638.74	37	-1128.55	37	236.89	41	275.61	37
9	-15	409	Min.	42.09	-3469.72	41	-1093.09	41	388.81	37	-1128.54	37	-31.36	41	275.61	37
10	10	-16	Max	0.00	-12488.40	37	-2429.54	37	673.92	41	236.58	37	-132.94	41	-4.51	41
10	10	-16	Max	305.50	-11619.60	37	-2429.54	37	-6850.65	37	236.58	37	490.48	37	-4.51	41
10	10	-16	Min.	0.00	-15112.90	41	-2852.57	41	571.58	37	124.40	41	-232.26	37	-7.63	37
10	10	-16	Min.	305.50	-14110.50	41	-2852.57	41	-8040.68	41	124.40	41	247.11	41	-7.63	37
10	-16	410	Max	17.50	-2814.95	37	-120.95	37	192.87	41	667.17	41	553.41	37	-176.90	37
10	-16	410	Max	42.09	-2745.03	37	-120.94	37	148.90	41	667.16	41	586.18	37	-176.90	37
10	-16	410	Min.	17.50	-3703.69	41	-178.83	41	103.09	37	133.28	37	359.49	33	-212.50	41
10	-16	410	Min.	42.09	-3623.01	41	-178.82	41	73.35	37	133.28	37	490.89	33	-212.50	41
11	11	-7	Max	0.00	-14020.60	37	-2847.87	37	766.45	41	300.62	37	-158.97	41	-4.51	41
11	11	-7	Max	305.50	-13151.90	37	-2847.87	37	-8038.80	37	300.62	37	661.99	37	-4.51	41
11	11	-7	Min.	0.00	-16573.10	41	-3270.46	41	661.43	37	193.45	41	-256.41	37	-7.63	37
11	11	-7	Min.	305.50	-15570.70	41	-3270.46	41	-9224.82	41	193.45	41	432.02	41	-7.63	37
11	-7	311	Max	17.50	-2209.05	37	-513.90	33	688.40	41	-2676.27	33	271.81	37	-102.13	37
11	-7	311	Max	17.58	-2208.84	37	-513.93	33	688.01	41	-2676.27	33	269.71	37	-102.13	37
11	-7	311	Min.	17.50	-3049.49	41	-544.06	37	600.06	37	-2807.40	41	9.42	41	-110.08	41
11	-7	311	Min.	17.58	-3049.24	41	-544.07	37	599.65	37	-2807.40	41	7.30	41	-110.08	41
12	12	112	Max	17.00	-8429.00	37	-1739.35	37	1777.88	41	988.32	37	-295.54	33	-4.65	41
12	12	112	Max	291.53					-3320.42	37			939.84	37		
12	12	112	Max	310.53	-7594.27	37	-1739.35	37	-3650.85	37	143.42	41	1046.73	41	-4.65	41
12	12	112	Min.	17.00	-9998.49	41	-2080.83	41	1454.69	37	747.44	33	-416.79	37	-7.88	37
12	12	112	Min.	291.53					-3320.42	37			939.84	37		
12	12	112	Min.	310.53	-9035.34	41	-2080.82	41	-4329.97	41	-68.39	37	933.34	37	-7.88	37
13	13	113	Max	17.00	-2954.31	37	-73.11	33	229.55	37	897.86	37	-43.90	41	-2.24	41

13	13	113	Max	141.70					109.30	37			333.20	37		
13	13	113	Max	310.53	-2358.08	37	-73.11	33	-13.89	41	-927.63	33	-692.91	37	-2.24	41
13	13	113	Min.	17.00	-3865.59	41	-96.43	37	199.16	33	303.37	41	-226.62	37	-3.78	37
13	13	113	Min.	87.22					158.68	41			62.62	41		
13	13	113	Min.	310.53	-3177.63	41	-96.43	37	-53.50	37	-1215.56	37	-1014.48	41	-3.78	37
14	14	314	Max	0.00	-4796.48	37	171.51	41	-116.09	37	258.02	37	-182.94	33	-27.93	37
14	14	314	Max	340.58	-4104.68	37	171.51	41	436.99	41	258.02	37	629.11	37	-27.93	37
14	14	314	Min.	0.00	-6486.42	41	131.99	37	-147.15	41	218.90	33	-249.65	37	-30.80	41
14	14	314	Min.	340.58	-5688.19	41	131.99	37	333.44	37	218.90	33	562.58	33	-30.80	41
15	15	415	Max	0.00	-5068.44	37	251.73	41	-207.83	37	59.31	37	-42.70	41	-16.03	37
15	15	415	Max	365.09	-4326.85	37	251.73	41	666.95	41	59.31	37	81.75	37	-16.03	37
15	15	415	Min.	0.00	-6586.13	41	200.51	37	-252.07	41	-24.17	41	-134.78	37	-18.36	41
15	15	415	Min.	365.09	-5730.46	41	200.51	37	524.23	37	-24.17	41	-130.95	41	-18.36	41
16	16	416	Max	0.00	-4952.20	37	237.64	41	-192.03	37	240.92	37	-180.45	33	18.87	41
16	16	416	Max	365.09	-4210.62	37	237.64	41	634.90	41	240.92	37	628.96	37	18.87	41
16	16	416	Min.	0.00	-6507.18	41	188.94	37	-232.69	41	191.26	33	-250.61	37	14.53	37
16	16	416	Min.	365.09	-5651.50	41	188.94	37	497.77	37	191.26	33	517.83	33	14.53	37
17	17	317	Max	0.00	-5005.97	37	182.53	41	-139.19	37	74.09	37	-55.06	41	23.56	41
17	17	317	Max	340.58	-4314.17	37	182.53	41	461.26	41	74.09	37	95.68	37	23.56	41
17	17	317	Min.	0.00	-6607.90	41	150.35	37	-160.38	41	-31.51	41	-156.66	37	18.46	37
17	17	317	Min.	340.58	-5809.68	41	150.35	37	372.86	37	-31.51	41	-162.39	41	18.46	37
18	18	118	Max	17.00	-2995.00	37	12.80	37	111.81	41	972.34	37	-308.79	33	-2.24	41
18	18	118	Max	287.10					92.96	37			929.01	37		
18	18	118	Max	310.53	-2398.76	37	12.80	37	95.96	37	186.13	41	1153.45	41	-2.24	41
18	18	118	Min.	17.00	-3892.38	41	-12.68	41	58.40	37	783.00	33	-384.11	37	-3.78	37
18	18	118	Min.	287.10					92.96	37			929.01	37		
18	18	118	Min.	310.53	-3204.42	41	-12.68	41	73.06	33	-84.37	37	919.13	37	-3.78	37
19	19	119	Max	17.00	-3981.06	37	67.22	41	2.38	37	838.90	37	3.57	41	-2.24	41
19	19	119	Max	133.51					30.08	37			294.71	37		
19	19	119	Max	310.53	-3384.82	37	67.22	41	145.80	41	-1011.35	33	-833.35	37	-2.24	41
19	19	119	Min.	17.00	-5182.54	41	23.77	37	-51.52	41	211.58	41	-194.00	37	-3.78	37
19	19	119	Min.	65.98					-18.60	41			55.38	41		
19	19	119	Min.	310.53	-4494.58	41	23.77	37	72.15	37	-1274.52	37	-1236.45	41	-3.78	37
20	20	320	Max	0.00	-5705.46	37	182.86	41	-121.21	37	288.71	37	-203.48	33	-29.25	37
20	20	320	Max	340.58	-5013.67	37	182.86	41	469.53	41	288.71	37	712.85	37	-29.25	37
20	20	320	Min.	0.00	-7773.99	41	141.59	37	-153.24	41	253.22	33	-270.42	37	-31.97	41
20	20	320	Min.	340.58	-6975.76	41	141.59	37	361.00	37	253.22	33	658.94	33	-31.97	41
21	21	421	Max	0.00	-6217.52	37	252.47	41	-209.29	37	22.60	37	-11.42	41	-15.96	37
21	21	421	Max	365.09	-5475.94	37	252.47	41	669.84	41	22.60	37	-33.71	37	-15.96	37
21	21	421	Min.	0.00	-8206.18	41	203.99	37	-251.91	41	-78.43	41	-116.22	37	-17.73	41
21	21	421	Min.	365.09	-7350.51	41	203.99	37	535.45	37	-78.43	41	-297.76	41	-17.73	41
22	22	422	Max	0.00	-6121.12	37	237.40	41	-193.82	37	290.47	37	-217.96	33	17.30	41
22	22	422	Max	365.09	-5379.53	37	237.39	41	634.06	41	290.47	37	774.76	37	17.30	41
22	22	422	Min.	0.00	-8152.06	41	191.81	37	-232.64	41	247.47	33	-285.70	37	12.98	37
22	22	422	Min.	365.09	-7296.39	41	191.81	37	506.45	37	247.47	33	685.52	33	12.98	37
23	23	323	Max	0.00	-5900.26	37	194.25	41	-144.84	37	59.01	37	-44.07	41	23.62	41
23	23	323	Max	340.58	-5208.46	37	194.25	41	495.22	41	59.01	37	46.77	37	23.62	41
23	23	323	Min.	0.00	-7889.03	41	161.60	37	-166.36	41	-59.18	41	-154.19	37	18.21	37
23	23	323	Min.	340.58	-7090.80	41	161.60	37	405.53	37	-59.18	41	-245.60	41	18.21	37
24	24	124	Max	17.00	-4009.14	37	126.93	41	-135.51	33	1048.74	37	-359.48	33	-2.24	41
24	24	124	Max	308.31					204.74	37			1098.55	37		
24	24	124	Max	310.53	-3412.91	37	126.93	41	224.53	41	288.48	41	1399.18	41	-2.24	41
24	24	124	Min.	17.00	-5201.65	41	114.89	33	-162.00	37	877.24	33	-429.03	37	-3.78	37
24	24	124	Min.	308.31					204.74	37			1098.55	37		
24	24	124	Min.	310.53	-4513.69	41	114.89	33	201.71	33	-7.97	37	1098.46	37	-3.78	37
25	25	125	Max	17.00	-4493.20	37	-56.94	33	140.80	37	834.80	37	31.88	41	-2.24	41
25	25	125	Max	132.94					50.56	37			220.58	37		
25	25	125	Max	310.53	-3896.97	37	-56.94	33	-54.83	41	-1066.45	33	-914.75	37	-2.24	41
25	25	125	Min.	17.00	-5919.05	41	-77.83	37	111.82	33	147.39	41	-263.37	37	-3.78	37
25	25	125	Min.	63.67					85.25	33			49.39	33		
25	25	125	Min.	310.53	-5231.09	41	-77.83	37	-87.65	37	-1278.62	37	-1396.54	41	-3.78	37
26	26	326	Max	0.00	-6582.45	37	110.16	41	-93.70	37	315.95	37	-220.90	33	-31.04	37
26	26	326	Max	340.58	-5890.65	37	110.16	41	260.20	41	315.95	37	784.49	37	-31.04	37
26	26	326	Min.	0.00	-8977.52	41	89.33	37	-114.98	41	279.21	33	-291.57	37	-33.93	41
26	26	326	Min.	340.58	-8179.29	41	89.33	37	210.54	37	279.21	33	730.03	33	-33.93	41
27	27	427	Max	0.00	-7254.70	37	182.22	41	-178.42	37	6.21	37	2.41	41	-16.76	37
27	27	427	Max	365.09	-6513.12	37	182.22	41	455.23	41	6.21	37	-89.42	37	-16.76	37
27	27	427	Min.	0.00	-9612.97	41	152.45	37	-210.04	41	-106.08	41	-112.09	37	-18.75	41
27	27	427	Min.	365.09	-8757.30	41	152.45	37	378.14	37	-106.08	41	-384.87	41	-18.75	41
28	28	428	Max	0.00	-7150.99	37	168.19	41	-164.13	37	324.44	37	-243.74	33	18.75	41
28	28	428	Max	365.09	-6409.41	37	168.19	41	422.03	41	324.44	37	871.01	37	18.75	41
28	28	428	Min.	0.00	-9550.62	41	141.20	37	-192.02	41	282.27	33	-313.48	37	14.27	37
28	28	428	Min.	365.09	-8694.95	41	141.20	37	351.37	37	282.27	33	786.78	33	14.27	37
29	29	329	Max	0.00	-6758.02	37	119.97	41	-115.77	37	58.04	37	-42.80	41	25.15	41
29	29	329	Max	340.58	-6066.23	37	119.97	41	281.64	41	58.04	37	36.02	37	25.15	41
29	29	329	Min.	0.00	-9079.34	41	107.06	37	-126.95	41	-71.23	41	-161.66	37	19.59	37
29	29	329	Min.	340.58	-8281.12	41	107.06	37	248.85	37	-71.23	41	-285.38	41	19.59	37
30	30	130	Max	17.00	-4599.12	37	32.26	37	14.09	41	1179.99	37	-546.54	33	-2.24	41
30	30	130	Max	310.53	-4002.89	37	32.26	37	61.21	37	429.00	41	1613.67	41	-2.24	41
30	30	130	Min.	17.00	-5984.88	41	6.45	41	-33.47	37	1008.65	33	-642.57	37	-3.78	37
30	30	130	Min.	310.53	-5296.92	41	6.45	41	32.63	33	123.28	37	1270.18	37	-3.78	37
31	31	231	Max	17.00	-2617.44	37	-447.06	37	579.61	41	1214.55	37	-263.72	41	-2.24	41
31	31	231	Max	185.69					-222.75	37			173.99	37		
31	31	231	Max	310.53	-2021.21	37	-447.06	37	-780.88	37	-759.49	33	-387.10	37	-2.24	41
31	31	231	Min.	17.00	-3368.86	41	-522.17	41	524.35	33	462.66	41	-850.40	37	-3.78	37
31	31	231	Min.	124.10												

32	32	332	Min.	340.58	-4199.36	41	-357.02	41	-999.64	41	427.77	33	755.65	33	-27.13	37
33	33	433	Max	17.00	-3975.35	37	-246.44	37	87.70	41	339.75	37	-445.27	33	6.01	41
33	33	433	Max	365.09	-3268.30	37	-246.44	37	-827.06	37	339.75	37	457.82	37	6.01	41
33	33	433	Min.	17.00	-5090.59	41	-364.42	41	30.78	37	173.09	41	-724.81	37	1.06	37
33	33	433	Min.	365.09	-4274.76	41	-364.42	41	-1180.79	41	173.09	41	155.68	41	1.06	37
34	34	434	Max	17.00	-3816.83	37	-264.72	37	127.36	41	426.07	37	-396.83	41	-3.37	37
34	34	434	Max	365.09	-3109.78	37	-264.72	37	-856.82	37	426.07	37	800.19	37	-3.37	37
34	34	434	Min.	17.00	-4999.40	41	-385.68	41	64.64	37	278.95	33	-682.92	37	-5.71	41
34	34	434	Min.	365.09	-4183.57	41	-385.68	41	-1215.15	41	278.95	33	572.41	33	-5.71	41
35	35	335	Max	17.00	-3916.24	37	-237.54	37	126.27	41	346.58	37	-342.55	41	16.65	41
35	35	335	Max	340.58	-3258.97	37	-237.54	37	-700.87	37	346.58	37	415.93	37	16.65	41
35	35	335	Min.	17.00	-5103.55	41	-343.77	41	67.76	37	116.57	41	-705.52	37	13.76	37
35	35	335	Min.	340.58	-4345.17	41	-343.77	41	-986.08	41	116.57	41	34.64	41	13.76	37
36	36	136	Max	17.00	-2742.21	37	-343.50	37	465.55	41	1339.67	37	-973.23	33	-2.24	41
36	36	136	Max	310.53	-2145.98	37	-343.51	37	-665.47	37	436.34	41	1193.74	41	-2.24	41
36	36	136	Min.	17.00	-3445.37	41	-458.75	41	342.83	37	1024.44	33	-1285.34	37	-3.78	37
36	36	136	Min.	310.53	-2757.41	41	-458.75	41	-881.01	41	282.96	37	1096.12	37	-3.78	37
101	101	302	Max	12.50	0.00	37	0.00	33	0.00	33	442.79	41	-112.25	37	-236.99	37
101	101	302	Max	201.42									198.01	41		
101	101	302	Max	416.50	0.00	37	0.00	33	0.00	33	-441.21	33	-309.56	33	-236.99	37
101	101	302	Min.	12.50	0.00	33	0.00	33	0.00	33	333.55	37	-220.25	41	-271.74	41
101	101	302	Min.	176.71									161.62	37		
101	101	302	Min.	416.50	0.00	33	0.00	33	0.00	33	-504.09	41	-422.36	37	-271.74	41
101	302	403	Max	12.50	0.00	33	0.00	33	0.00	33	213.77	41	274.47	37	-16.88	37
101	302	403	Max	36.95									280.54	37		
101	302	403	Max	337.50	0.00	33	0.00	33	0.00	33	-497.80	33	-459.19	33	-16.88	37
101	302	403	Min.	12.50	0.00	33	0.00	33	0.00	33	49.66	37	54.33	41	-21.31	41
101	302	403	Min.	92.43									150.80	33		
101	302	403	Min.	337.50	0.00	33	0.00	33	0.00	33	-610.49	37	-636.88	37	-21.31	41
101	403	-8	Max	12.50	0.00	41	0.00	41	0.00	41	374.45	41	101.06	37	56.13	37
101	403	-8	Max	132.61									247.59	37		
101	403	-8	Max	220.50	0.00	41	0.00	41	0.00	41	-113.05	41	196.40	41	56.13	37
101	403	-8	Min.	12.50	0.00	37	0.00	33	0.00	33	243.98	37	-75.47	41	55.20	41
101	403	-8	Min.	164.84									201.71	33		
101	403	-8	Min.	220.50	0.00	37	0.00	33	0.00	33	-178.52	37	169.14	37	55.20	41
101	-8	404	Max	0.00	0.00	33	0.00	37	0.00	33	-113.05	41	196.40	41	56.13	37
101	-8	404	Max	208.00	0.00	33	0.00	37	0.00	37	-535.56	33	-504.32	33	56.13	37
101	-8	404	Min.	0.00	0.00	37	0.00	33	0.00	33	-178.52	37	169.14	37	55.20	41
101	-8	404	Min.	208.00	0.00	37	0.00	33	0.00	33	-601.02	37	-641.59	37	55.20	41
101	404	305	Max	12.50	0.00	33	0.00	33	0.00	33	237.71	41	202.62	37	-39.27	41
101	404	305	Max	52.68									219.01	37		
101	404	305	Max	337.50	0.00	33	0.00	33	0.00	33	-472.63	33	-431.25	33	-39.27	41
101	404	305	Min.	12.50	0.00	33	0.00	33	0.00	33	81.61	37	2.47	41	-41.90	37
101	404	305	Min.	104.82									118.61	33		
101	404	305	Min.	337.50	0.00	33	0.00	33	0.00	33	-578.55	37	-604.90	37	-41.90	37
101	305	106	Max	12.50	0.00	37	0.00	33	0.00	33	343.21	41	165.56	37	271.51	41
101	305	106	Max	120.90									284.91	37		
101	305	106	Max	416.50	0.00	37	0.00	33	0.00	33	-540.33	33	-480.11	33	271.51	41
101	305	106	Min.	12.50	0.00	33	0.00	33	0.00	33	220.19	37	10.58	41	239.53	37
101	305	106	Min.	150.49									238.56	33		
101	305	106	Min.	416.50	0.00	33	0.00	33	0.00	33	-603.67	41	-602.53	37	239.53	37
107	101	-120	Max	17.50	0.00	33	0.00	37	0.00	33	5525.57	41	-3191.03	37	70.19	41
107	101	-120	Max	105.83	0.00	33	0.00	37	0.00	37	3843.08	41	331.82	41	70.19	41
107	101	-120	Min.	17.50	0.00	37	0.00	33	0.00	37	4672.84	37	-3806.00	41	33.90	37
107	101	-120	Min.	105.83	0.00	37	0.00	33	0.00	33	3246.90	37	306.85	37	33.90	37
107	-120	-121	Max	0.00	0.00	33	0.00	37	0.00	33	3843.08	41	331.82	41	70.19	41
107	-120	-121	Max	122.83	0.00	33	0.00	37	0.00	37	1503.48	41	3615.50	41	70.19	41
107	-120	-121	Min.	0.00	0.00	37	0.00	33	0.00	33	3246.90	37	306.85	37	33.90	37
107	-120	-121	Min.	122.83	0.00	37	0.00	33	0.00	33	1264.03	37	3077.31	37	33.90	37
107	-121	-122	Max	0.00	0.00	33	0.00	37	0.00	33	1503.47	41	3615.50	41	70.19	41
107	-121	-122	Max	78.93									4208.88	41		
107	-121	-122	Max	105.83	0.00	33	0.00	37	0.00	37	-444.42	37	4139.98	41	70.19	41
107	-121	-122	Min.	0.00	0.00	37	0.00	33	0.00	33	1264.02	37	3077.31	37	33.90	37
107	-121	-122	Min.	78.30									3572.20	37		
107	-121	-122	Min.	105.83	0.00	37	0.00	33	0.00	33	-512.34	41	3511.02	37	33.90	37
107	-122	-123	Max	0.00	0.00	33	0.00	33	0.00	33	-444.41	37	4139.98	41	70.19	41
107	-122	-123	Max	105.83	0.00	33	0.00	33	0.00	33	-2152.85	37	2531.06	41	70.19	41
107	-122	-123	Min.	0.00	0.00	37	0.00	37	0.00	37	-512.33	41	3511.02	37	33.90	37
107	-122	-123	Min.	105.83	0.00	37	0.00	37	0.00	37	-2528.14	41	2136.64	37	33.90	37
107	-123	-124	Max	0.00	0.00	33	0.00	33	0.00	33	-2152.85	37	2531.07	41	70.19	41
107	-123	-124	Max	105.83	0.00	33	0.00	33	0.00	33	-3861.29	37	-1045.84	37	70.19	41
107	-123	-124	Min.	0.00	0.00	37	0.00	33	0.00	33	-2528.13	41	2136.64	37	33.90	37
107	-123	-124	Min.	105.83	0.00	37	0.00	33	0.00	33	-4543.94	41	-1211.23	41	33.90	37
107	-124	107	Max	0.00	0.00	37	0.00	33	0.00	37	-3861.30	37	-1045.86	37	70.19	41
107	-124	107	Max	71.33	0.00	37	0.00	33	0.00	33	-5012.82	37	-4210.96	37	70.19	41
107	-124	107	Min.	0.00	0.00	33	0.00	37	0.00	33	-4543.95	41	-1211.26	41	33.90	37
107	-124	107	Min.	71.33	0.00	33	0.00	37	0.00	37	-5902.64	41	-4937.21	41	33.90	37
110	302	-115	Max	17.50	0.00	33	0.00	37	0.00	33	10437.00	41	-6955.48	37	3.82	41
110	302	-115	Max	105.83	0.00	33	0.00	37	0.00	37	7618.32	41	-83.82	41	3.82	41
110	302	-115	Min.	17.50	0.00	37	0.00	33	0.00	37	8952.22	37	-8058.24	41	-8.06	37
110	302	-115	Min.	105.83	0.00	37	0.00	33	0.00	33	6567.86	37	-105.80	33	-8.06	37
110	-115	-116	Max	0.00	0.00	37	0.00	37	0.00	37	7618.31	41	-83.82	41	3.82	41
110	-115	-116	Max	122.83	0.00	37	0.00	37	0.00	37	3698.76	41	6866.75	41	3.82	41
110	-115	-116	Min.	0.00	0.00	33	0.00	33	0.00	33	6567.86	37	-105.81	33	-8.06	37
110	-115	-116	Min.	122.83	0.00	33	0.00	33	0.00	33	3252.25	37	5930.40	37	-8.06	37
110	-116	-117	Max	0.00	0.00	37	0.00	37	0.00	33	3698.75	41	6866.77	41	3.82	41
110	-116	-117	Max	105.83	0.00	37	0.00	37	0.00	37	395.51	37	8994.24	41	3.82	41
110	-116	-117	Min.	0.00												

110	-117	-118	Max	105.83	0.00	37	0.00	33	0.00	33	-3511.22	37	6436.38	41	3.82	41
110	-117	-118	Min.	0.00	0.00	33	0.00	37	0.00	37	-728.33	41	7860.68	37	-8.06	37
110	-117	-118	Min.	105.83	0.00	33	0.00	37	0.00	37	-4105.41	41	5656.32	37	-8.06	37
110	-118	-119	Max	0.00	0.00	33	0.00	33	0.00	33	-4561.21	37	6436.39	41	3.82	41
110	-118	-119	Max	105.83	0.00	33	0.00	33	0.00	33	-7417.94	37	-682.63	37	3.82	41
110	-118	-119	Min.	0.00	0.00	37	0.00	33	0.00	33	-5155.41	41	5656.34	37	-8.06	37
110	-118	-119	Min.	105.83	0.00	37	0.00	33	0.00	33	-8532.49	41	-806.79	41	-8.06	37
110	-119	-155	Max	0.00	0.00	33	0.00	33	0.00	37	-8467.96	37	-682.68	37	3.82	41
110	-119	-155	Max	71.33	0.00	33	0.00	33	0.00	33	-10393.40	37	-7409.91	37	3.82	41
110	-119	-155	Min.	0.00	0.00	37	0.00	37	0.00	33	-9582.51	41	-806.84	41	-8.06	37
110	-119	-155	Min.	71.33	0.00	37	0.00	37	0.00	37	-11858.70	41	-8454.21	41	-8.06	37
112	403	-95	Max	17.50	0.00	33	0.00	37	0.00	33	10521.70	41	-6920.67	37	-24.71	33
112	403	-95	Max	105.83	0.00	33	0.00	37	0.00	37	7664.10	41	28.31	41	-24.71	33
112	403	-95	Min.	17.50	0.00	33	0.00	33	0.00	37	9026.14	37	-8003.76	41	-30.00	37
112	403	-95	Min.	105.83	0.00	33	0.00	33	0.00	33	6608.92	37	-15.19	37	-30.00	37
112	-95	-96	Max	0.00	0.00	33	0.00	37	0.00	37	7664.10	41	28.31	41	-24.71	33
112	-95	-96	Max	122.83	0.00	33	0.00	37	0.00	37	3690.38	41	7001.85	41	-24.71	33
112	-95	-96	Min.	0.00	0.00	37	0.00	33	0.00	33	6608.92	37	-15.19	37	-30.00	37
112	-95	-96	Min.	122.83	0.00	37	0.00	33	0.00	33	3247.61	37	6038.36	37	-30.00	37
112	-96	-97	Max	0.00	0.00	37	0.00	37	0.00	33	3690.37	41	7001.87	41	-24.71	33
112	-96	-97	Max	105.83	0.00	37	0.00	37	0.00	37	351.50	37	9095.76	41	-24.71	33
112	-96	-97	Min.	0.00	0.00	33	0.00	33	0.00	37	3247.60	37	6038.38	37	-30.00	37
112	-96	-97	Min.	105.83	0.00	33	0.00	33	0.00	33	266.61	41	7942.90	37	-30.00	37
112	-97	-98	Max	0.00	0.00	37	0.00	33	0.00	33	-698.49	37	9095.76	41	-24.71	33
112	-97	-98	Max	105.83	0.00	37	0.00	33	0.00	33	-3594.59	37	6454.94	41	-24.71	33
112	-97	-98	Min.	0.00	0.00	33	0.00	37	0.00	37	-783.38	41	7942.90	37	-30.00	37
112	-97	-98	Min.	105.83	0.00	33	0.00	37	0.00	37	-4207.14	41	5671.15	37	-30.00	37
112	-98	-99	Max	0.00	0.00	33	0.00	33	0.00	37	-4644.58	37	6454.96	41	-24.71	33
112	-98	-99	Max	105.83	0.00	33	0.00	33	0.00	37	-7540.68	37	-776.88	37	-24.71	33
112	-98	-99	Min.	0.00	0.00	37	0.00	33	0.00	33	-5257.13	41	5671.16	37	-30.00	37
112	-98	-99	Min.	105.83	0.00	37	0.00	33	0.00	33	-8680.89	41	-920.58	41	-30.00	37
112	-99	-15	Max	0.00	0.00	37	0.00	33	0.00	37	-8590.71	37	-776.93	37	-24.71	33
112	-99	-15	Max	71.33	0.00	37	0.00	33	0.00	33	-10542.70	37	-7601.19	37	-24.71	33
112	-99	-15	Min.	0.00	0.00	33	0.00	37	0.00	33	-9730.92	41	-920.64	41	-30.00	37
112	-99	-15	Min.	71.33	0.00	33	0.00	37	0.00	37	-12038.60	41	-8685.10	41	-30.00	37
114	404	-100	Max	17.50	0.00	33	0.00	37	0.00	33	9684.44	41	-5817.51	37	14.19	41
114	404	-100	Max	105.83	0.00	33	0.00	37	0.00	37	6826.82	41	404.23	41	14.19	41
114	404	-100	Min.	17.50	0.00	37	0.00	33	0.00	37	8192.58	37	-6888.25	41	1.79	37
114	404	-100	Min.	105.83	0.00	37	0.00	33	0.00	33	5775.36	37	351.67	37	1.79	37
114	-100	-101	Max	0.00	0.00	33	0.00	37	0.00	37	6826.82	41	404.22	41	14.19	41
114	-100	-101	Max	122.83	0.00	33	0.00	37	0.00	37	2853.10	41	6349.30	41	14.19	41
114	-100	-101	Min.	0.00	0.00	37	0.00	33	0.00	33	5775.36	37	351.66	37	1.79	37
114	-100	-101	Min.	122.83	0.00	37	0.00	33	0.00	33	2414.06	37	5381.33	37	1.79	37
114	-101	-102	Max	0.00	0.00	33	0.00	37	0.00	33	2853.09	41	6349.32	41	14.19	41
114	-101	-102	Max	88.19									7607.43	41		
114	-101	-102	Max	105.83	0.00	33	0.00	37	0.00	37	-482.05	37	7557.09	41	14.19	41
114	-101	-102	Min.	0.00	0.00	37	0.00	33	0.00	37	2414.05	37	5381.34	37	1.79	37
114	-101	-102	Min.	88.22									6446.15	37		
114	-101	-102	Min.	105.83	0.00	37	0.00	33	0.00	33	-570.67	41	6403.69	37	1.79	37
114	-102	-103	Max	0.00	0.00	33	0.00	33	0.00	33	-482.05	37	7557.10	41	14.19	41
114	-102	-103	Max	105.83	0.00	33	0.00	33	0.00	33	-3378.15	37	5141.40	41	14.19	41
114	-102	-103	Min.	0.00	0.00	37	0.00	37	0.00	37	-570.66	41	6403.69	37	1.79	37
114	-102	-103	Min.	105.83	0.00	37	0.00	37	0.00	37	-3994.42	41	4361.01	37	1.79	37
114	-103	-104	Max	0.00	0.00	37	0.00	33	0.00	37	-3378.14	37	5141.41	41	14.19	41
114	-103	-104	Max	105.83	0.00	37	0.00	33	0.00	37	-6274.24	37	-746.70	37	14.19	41
114	-103	-104	Min.	0.00	0.00	33	0.00	33	0.00	33	-3994.41	41	4361.02	37	1.79	37
114	-103	-104	Min.	105.83	0.00	33	0.00	33	0.00	33	-7418.17	41	-897.75	41	1.79	37
114	-104	-16	Max	0.00	0.00	33	0.00	33	0.00	37	-6274.26	37	-746.74	37	14.19	41
114	-104	-16	Max	71.33	0.00	33	0.00	33	0.00	33	-8226.28	37	-5918.60	37	14.19	41
114	-104	-16	Min.	0.00	0.00	37	0.00	37	0.00	33	-7418.20	41	-897.80	41	1.79	37
114	-104	-16	Min.	71.33	0.00	37	0.00	37	0.00	37	-9725.87	41	-7012.52	41	1.79	37
116	305	-105	Max	17.50	0.00	37	0.00	37	0.00	33	10447.80	41	-7056.89	37	-33.84	33
116	305	-105	Max	105.83	0.00	37	0.00	37	0.00	37	7629.11	41	-138.96	41	-33.84	33
116	305	-105	Min.	17.50	0.00	33	0.00	33	0.00	37	8974.73	37	-8122.92	41	-43.71	37
116	305	-105	Min.	105.83	0.00	33	0.00	33	0.00	33	6590.37	37	-182.31	37	-43.71	37
116	-105	-106	Max	0.00	0.00	37	0.00	37	0.00	37	7629.12	41	-138.96	41	-33.84	33
116	-105	-106	Max	122.83	0.00	37	0.00	37	0.00	37	3709.57	41	6824.88	41	-33.84	33
116	-105	-106	Min.	0.00	0.00	33	0.00	33	0.00	33	6590.37	37	-182.31	37	-43.71	37
116	-105	-106	Min.	122.83	0.00	33	0.00	33	0.00	33	3274.76	37	5876.53	37	-43.71	37
116	-106	-107	Max	0.00	0.00	33	0.00	37	0.00	33	3709.55	41	6824.90	41	-33.84	33
116	-106	-107	Max	105.83	0.00	33	0.00	37	0.00	37	418.02	37	8963.80	41	-33.84	33
116	-106	-107	Min.	0.00	0.00	37	0.00	33	0.00	37	3274.75	37	5876.54	37	-43.71	37
116	-106	-107	Min.	105.83	0.00	37	0.00	33	0.00	33	332.46	41	7830.63	37	-43.71	37
116	-107	-108	Max	0.00	0.00	33	0.00	33	0.00	33	-631.97	37	8963.79	41	-33.84	33
116	-107	-108	Max	105.83	0.00	33	0.00	33	0.00	33	-3488.70	37	6417.37	41	-33.84	33
116	-107	-108	Min.	0.00	0.00	37	0.00	37	0.00	37	-717.52	41	7830.63	37	-43.71	37
116	-107	-108	Min.	105.83	0.00	37	0.00	37	0.00	37	-4094.61	41	5650.11	37	-43.71	37
116	-108	-109	Max	0.00	0.00	33	0.00	33	0.00	37	-4538.69	37	6417.39	41	-33.84	33
116	-108	-109	Max	105.83	0.00	33	0.00	33	0.00	37	-7395.43	37	-665.02	37	-33.84	33
116	-108	-109	Min.	0.00	0.00	37	0.00	33	0.00	33	-5144.60	41	5650.12	37	-43.71	37
116	-108	-109	Min.	105.83	0.00	37	0.00	33	0.00	33	-8521.69	41	-814.36	41	-43.71	37
116	-109	-7	Max	0.00	0.00	33	0.00	33	0.00	37	-8445.45	37	-665.07	37	-33.84	33
116	-109	-7	Max	71.33	0.00	33	0.00	33	0.00	33	-10370.90	37	-7376.24	37	-33.84	33
116	-109	-7	Min.	0.00	0.00	37	0.00	37	0.00	33	-9571.71	41	-814.42	41	-43.71	37
116	-109	-7	Min.	71.33	0.00	37	0.00	37	0.00	37	-11847.90	41	-8454.09	41		

119	-110	-111	Max	122.83	0.00	33	0.00	37	0.00	37	1531.58	41	3590.70	41	-84.12	37
119	-110	-111	Min.	0.00	0.00	33	0.00	33	0.00	33	3294.28	37	207.26	37	-100.82	41
119	-110	-111	Min.	122.83	0.00	33	0.00	33	0.00	33	1311.42	37	3035.93	37	-100.82	41
119	-111	-112	Max	0.00	0.00	33	0.00	37	0.00	33	1531.57	41	3590.71	41	-84.12	37
119	-111	-112	Max	80.41									4206.48	41		
119	-111	-112	Max	105.83	0.00	33	0.00	37	0.00	37	-397.03	37	4144.92	41	-84.12	37
119	-111	-112	Min.	0.00	0.00	37	0.00	33	0.00	37	1311.41	37	3035.93	37	-100.82	41
119	-111	-112	Min.	81.24									3568.62	37		
119	-111	-112	Min.	105.83	0.00	37	0.00	33	0.00	33	-484.24	41	3519.79	37	-100.82	41
119	-112	-113	Max	0.00	0.00	33	0.00	33	0.00	33	-397.02	37	4144.92	41	-84.12	37
119	-112	-113	Max	105.83	0.00	33	0.00	33	0.00	33	-2105.47	37	2565.75	41	-84.12	37
119	-112	-113	Min.	0.00	0.00	37	0.00	37	0.00	37	-484.23	41	3519.79	37	-100.82	41
119	-112	-113	Min.	105.83	0.00	37	0.00	37	0.00	37	-2500.04	41	2195.56	37	-100.82	41
119	-113	-114	Max	0.00	0.00	33	0.00	33	0.00	33	-2105.46	37	2565.76	41	-84.12	37
119	-113	-114	Max	105.83	0.00	33	0.00	33	0.00	33	-3813.90	37	-936.76	37	-84.12	37
119	-113	-114	Min.	0.00	0.00	37	0.00	33	0.00	33	-2500.03	41	2195.57	37	-100.82	41
119	-113	-114	Min.	105.83	0.00	37	0.00	33	0.00	33	-4515.84	41	-1146.81	41	-100.82	41
119	-114	112	Max	0.00	0.00	37	0.00	33	0.00	37	-3813.91	37	-936.79	37	-84.12	37
119	-114	112	Max	71.33	0.00	37	0.00	33	0.00	33	-4965.43	37	-4068.09	37	-84.12	37
119	-114	112	Min.	0.00	0.00	33	0.00	37	0.00	33	-4515.85	41	-1146.84	41	-100.82	41
119	-114	112	Min.	71.33	0.00	33	0.00	37	0.00	37	-5874.54	41	-4852.74	41	-100.82	41
207	107	113	Max	17.50	0.00	37	0.00	33	0.00	33	1069.62	41	-1135.17	37	49.97	41
207	107	113	Max	282.84									15.43	41		
207	107	113	Max	397.50	0.00	37	0.00	33	0.00	33	-353.83	37	-203.21	37	49.97	41
207	107	113	Min.	17.50	0.00	33	0.00	33	0.00	33	844.33	37	-1403.65	41	18.40	37
207	107	113	Min.	285.28									-4.68	37		
207	107	113	Min.	397.50	0.00	33	0.00	33	0.00	33	-462.20	41	-249.54	41	18.40	37
207	113	119	Max	12.50	0.00	37	0.00	33	0.00	33	634.42	41	-145.76	37	36.02	41
207	113	119	Max	169.88									274.79	41		
207	113	119	Max	397.50	0.00	37	0.00	33	0.00	33	-731.87	37	-626.64	37	36.02	41
207	113	119	Min.	12.50	0.00	33	0.00	33	0.00	33	482.06	37	-224.45	41	24.87	37
207	113	119	Min.	165.39									222.74	37		
207	113	119	Min.	397.50	0.00	33	0.00	33	0.00	33	-917.55	41	-769.48	41	24.87	37
207	119	125	Max	12.50	0.00	33	0.00	33	0.00	33	1094.77	41	-706.55	37	19.21	41
207	119	125	Max	284.08									567.79	41		
207	119	125	Max	577.50	0.00	33	0.00	33	0.00	33	-929.49	37	-925.51	37	19.21	41
207	119	125	Min.	12.50	0.00	33	0.00	33	0.00	33	851.98	37	-918.81	41	17.44	37
207	119	125	Min.	282.71									444.52	37		
207	119	125	Min.	577.50	0.00	33	0.00	33	0.00	33	-1182.80	41	-1167.49	41	17.44	37
207	125	231	Max	12.50	0.00	41	0.00	33	0.00	33	1205.08	41	-857.80	37	-22.37	37
207	125	231	Max	311.44									665.84	41		
207	125	231	Max	577.50	0.00	41	0.00	33	0.00	33	-851.12	37	-633.97	37	-22.37	37
207	125	231	Min.	12.50	0.00	37	0.00	33	0.00	33	930.35	37	-1135.43	41	-53.70	41
207	125	231	Min.	307.56									514.77	37		
207	125	231	Min.	577.50	0.00	37	0.00	33	0.00	33	-1072.50	41	-760.88	41	-53.70	41
219	112	118	Max	17.50	0.00	37	0.00	33	0.00	33	1088.96	41	-1225.36	37	-51.38	37
219	112	118	Max	290.00									29.46	41		
219	112	118	Max	397.50	-0.00	37	0.00	33	0.00	33	-305.23	37	-125.50	37	-51.38	37
219	112	118	Min.	17.50	0.00	41	0.00	33	0.00	33	884.11	37	-1454.24	41	-70.09	41
219	112	118	Min.	299.98									23.34	37		
219	112	118	Min.	397.50	-0.00	41	0.00	33	0.00	33	-429.60	41	-201.44	41	-70.09	41
219	118	124	Max	12.50	0.00	37	0.00	33	0.00	33	651.55	41	-216.95	37	-23.07	37
219	118	124	Max	175.54									266.93	41		
219	118	124	Max	397.50	0.00	37	0.00	33	0.00	33	-687.55	37	-544.41	37	-23.07	37
219	118	124	Min.	12.50	0.00	33	0.00	33	0.00	33	517.44	37	-264.23	41	-35.10	41
219	118	124	Min.	177.82									210.78	37		
219	118	124	Min.	397.50	0.00	33	0.00	33	0.00	33	-886.98	41	-717.43	41	-35.10	41
219	124	130	Max	12.50	0.00	33	0.00	33	0.00	33	1096.99	41	-758.69	37	-3.45	37
219	124	130	Max	287.01									560.92	41		
219	124	130	Max	577.50	0.00	33	0.00	33	0.00	33	-902.83	37	-864.04	37	-3.45	37
219	124	130	Min.	12.50	0.00	37	0.00	33	0.00	33	865.53	37	-944.74	41	-10.91	41
219	124	130	Min.	289.04									438.10	37		
219	124	130	Min.	577.50	0.00	37	0.00	33	0.00	33	-1160.86	41	-1125.17	41	-10.91	41
219	130	136	Max	12.50	0.00	33	0.00	33	0.00	33	1216.43	41	-947.69	37	78.50	41
219	130	136	Max	316.90									669.00	41		
219	130	136	Max	577.50	0.00	33	0.00	33	0.00	33	-808.05	37	-517.56	37	78.50	41
219	130	136	Min.	12.50	0.00	33	0.00	33	0.00	33	960.31	37	-1182.40	41	63.44	37
219	130	136	Min.	319.32									525.54	37		
219	130	136	Min.	577.50	0.00	33	0.00	33	0.00	33	-1041.42	41	-687.97	41	63.44	37
302	107	-133	Max	12.47	-1369.69	37	4.11	37	-100.41	37	1172.57	41	-626.62	37	335.75	41
302	107	-133	Max	145.35	-1350.83	37	4.11	37	-94.94	37	861.88	41	538.72	41	335.75	41
302	107	-133	Min.	12.47	-2833.61	41	0.97	41	-109.64	41	882.26	37	-813.03	41	300.47	37
302	107	-133	Min.	145.35	-2811.85	41	0.97	41	-108.35	41	612.99	37	366.87	37	300.47	37
302	-133	-134	Max	0.00	-1313.15	37	112.13	41	-101.61	37	145.32	41	538.68	41	335.24	41
302	-133	-134	Max	62.16					-45.94	41			583.84	41		
302	-133	-134	Max	142.35	-1292.95	37	112.13	41	43.98	41	-158.60	37	508.67	41	335.24	41
302	-133	-134	Min.	0.00	-2757.42	41	98.48	37	-115.64	41	129.28	33	366.71	37	300.00	37
302	-133	-134	Min.	64.08					-38.51	37			408.31	37		
302	-133	-134	Min.	142.35	-2734.11	41	98.48	37	38.57	37	-187.49	41	346.24	37	300.00	37
302	-134	308	Max	0.00	-1254.84	37	11.27	41	35.39	41	-636.95	37	507.74	41	334.64	41
302	-134	308	Max	129.88	-1236.41	37	11.27	41	50.02	41	-900.12	37	-652.64	37	334.64	41
302	-134	308	Min.	0.00	-2679.35	41	11.02	33	30.70	37	-896.85	41	345.52	37	299.45	37
302	-134	308	Min.	129.88	-2658.08	41	11.02	33	45.26	37	-1200.50	41	-854.27	41	299.45	37
302	308	-148	Max	12.47	-1022.71	37	25.01	41	-23.42	37	742.43	41	-182.85	37	-10.95	37
302	308	-148	Max	175.93	-999.51	37	25.01	41	14.52	41	360.26	41	492.99	41	-10.95	37
302	308	-148	Min.	12.47	-1614.24	41	22.18	37	-26.37	41	504.24	37	-408.25	41	-12.11	41
302	308	-148	Min.	175.93	-1587.48	41	22.18	37	12.84	37	173.03	37	370.68	37	-12.11	41
302	-148	409	Max	0.00	-954.88	37	48.95	41	8.15	41	-409.80	37	492.98	41	-11.36	37
302	-148	409	Max	162.46	-931.83	37	48.95	41	87.68	41	-738.99	37	-562.49	37	-11.36	37
302	-															

302	-148	409	Min.	162.46	-1495.95	41	44.45	37	79.24	37	-886.05	41	-637.95	41	-12.55	41
302	409	-9	Max	12.47	-2134.37	37	-282.45	37	335.42	41	965.60	41	-472.80	37	-79.02	37
302	409	-9	Max	221.04	-2104.77	37	-282.45	37	-287.17	37	477.96	41	775.05	41	-79.02	37
302	409	-9	Min.	12.47	-2685.45	41	-317.99	41	301.93	37	712.92	37	-730.37	41	-82.05	41
302	409	-9	Min.	221.04	-2651.30	41	-317.99	41	-327.82	41	290.30	37	573.41	37	-82.05	41
302	-9	410	Max	0.00	-2148.72	37	198.82	41	-233.37	37	-530.37	37	794.50	41	-40.40	41
302	-9	410	Max	208.57	-2178.32	37	198.82	41	147.79	41	-952.99	37	-955.04	37	-40.40	41
302	-9	410	Min.	0.00	-2696.40	41	169.91	37	-266.90	41	-683.77	41	591.88	37	-42.57	37
302	-9	410	Min.	208.57	-2730.55	41	169.91	37	121.03	37	-1171.41	41	-1140.18	41	-42.57	37
302	410	-150	Max	12.47	-1821.23	33	9.47	37	-5.36	41	862.69	41	-435.62	37	87.65	37
302	410	-150	Max	174.93	-1844.28	33	9.47	37	-0.66	41	482.86	41	472.85	41	87.65	37
302	410	-150	Min.	12.47	-1954.00	37	2.89	41	-17.33	37	638.54	37	-620.12	41	86.93	33
302	410	-150	Min.	174.93	-1978.58	41	2.89	41	-1.94	37	309.36	37	334.35	37	86.93	33
302	-150	311	Max	0.00	-1901.70	33	60.41	37	0.89	41	-273.66	37	472.66	41	87.63	37
302	-150	311	Max	163.46	-1924.89	33	60.41	37	97.17	37	-604.88	37	-383.88	37	87.63	37
302	-150	311	Min.	0.00	-2041.12	41	54.68	41	-1.57	37	-383.79	41	334.15	37	86.85	33
302	-150	311	Min.	163.46	-2067.89	41	54.68	41	90.28	41	-765.97	41	-467.04	41	86.85	33
302	311	-153	Max	12.47	-4546.69	33	-8.40	33	48.98	41	1119.97	41	-375.06	37	-284.07	37
302	311	-153	Max	145.35	-4565.55	33	-8.40	33	37.23	41	809.28	41	598.67	41	-284.07	37
302	311	-153	Min.	12.47	-4811.60	41	-9.61	37	44.47	37	776.52	37	-683.18	41	-322.77	41
302	311	-153	Min.	145.35	-4833.36	41	-9.61	37	31.70	37	507.26	37	477.92	37	-322.77	41
302	-153	-154	Max	0.00	-4616.13	33	-97.46	37	45.14	41	92.77	41	599.61	41	-284.55	37
302	-153	-154	Max	39.68					0.50	41			618.01	41		
302	-153	-154	Max	142.35	-4636.33	33	-97.46	37	-100.21	37	-221.80	33	494.79	41	-284.55	37
302	-153	-154	Min.	0.00	-4888.28	41	-112.52	41	38.52	37	24.13	37	478.68	37	-323.33	41
302	-153	-154	Min.	11.91					26.92	37			480.11	37		
302	-153	-154	Min.	142.35	-4911.58	41	-112.52	41	-115.03	41	-264.31	37	307.73	37	-323.33	41
302	-154	112	Max	0.00	-4685.81	33	1.35	41	-94.22	37	-742.74	37	494.77	41	-284.97	37
302	-154	112	Max	129.88	-4704.24	33	1.35	41	-94.41	37	-1005.91	37	-827.75	37	-284.97	37
302	-154	112	Min.	0.00	-4965.31	41	-0.50	33	-108.18	41	-949.48	41	307.80	37	-323.81	41
302	-154	112	Min.	129.88	-4986.57	41	-0.50	33	-106.42	41	-1253.14	41	-935.59	41	-323.81	41
303	113	-131	Max	12.47	-2305.68	37	176.02	41	-272.68	37	1722.11	41	-688.08	37	3.74	37
303	113	-131	Max	145.35	-2286.82	37	176.02	41	-70.10	37	1411.42	41	1146.48	41	3.74	37
303	113	-131	Min.	12.47	-2918.30	41	152.44	37	-313.08	41	1234.64	37	-935.52	41	-3.45	41
303	113	-131	Min.	145.35	-2896.54	41	152.44	37	-79.17	41	965.38	37	773.68	37	-3.45	41
303	-131	-132	Max	0.00	-2217.46	37	96.53	41	-90.34	37	-1.35	37	1146.77	41	2.32	37
303	-131	-132	Max	142.35	-2197.26	37	96.53	41	35.33	41	-289.79	37	878.38	41	2.32	37
303	-131	-132	Min.	0.00	-2794.08	41	84.86	37	-102.07	41	-27.60	33	774.00	37	-5.06	41
303	-131	-132	Min.	142.35	-2770.78	41	84.86	37	30.45	37	-354.96	41	566.79	37	-5.06	41
303	-132	314	Max	0.00	-2128.30	37	182.79	41	7.96	41	-1247.00	37	879.16	41	0.63	37
303	-132	314	Max	129.88	-2109.87	37	182.79	41	245.37	41	-1510.17	37	-1223.06	37	0.63	37
303	-132	314	Min.	0.00	-2668.97	41	162.25	37	6.23	37	-1774.21	41	567.42	37	-6.97	41
303	-132	314	Min.	129.88	-2647.70	41	162.25	37	216.96	37	-2077.87	41	-1622.35	41	-6.97	41
303	314	-147	Max	12.47	-1981.48	37	152.57	41	-182.46	37	1197.43	41	-604.59	37	-2.42	37
303	314	-147	Max	175.93	-1958.28	37	152.57	41	41.37	41	815.25	41	604.16	41	-2.42	37
303	314	-147	Min.	12.47	-2602.63	41	133.60	37	-208.03	41	791.42	37	-1040.81	41	-8.29	41
303	314	-147	Min.	175.93	-2575.86	41	133.60	37	35.93	37	460.20	37	418.37	37	-8.29	41
303	-147	415	Max	0.00	-1874.43	37	128.54	41	16.15	41	-705.83	37	604.17	41	-3.96	37
303	-147	415	Max	162.46	-1851.37	37	128.54	41	224.98	41	-1035.02	37	-995.69	37	-3.96	37
303	-147	415	Min.	0.00	-2451.73	41	115.74	37	13.90	37	-918.11	41	418.38	37	-10.06	41
303	-147	415	Min.	162.46	-2425.12	41	115.74	37	201.93	37	-1297.94	41	-1195.89	41	-10.06	41
303	415	-10	Max	12.47	-1918.77	37	101.07	41	-6.78	37	1651.18	41	-912.94	37	-124.74	37
303	415	-10	Max	221.04	-1889.17	37	101.07	41	184.88	41	1163.54	41	1616.53	41	-124.74	37
303	415	-10	Min.	12.47	-2611.14	41	69.56	37	-25.93	41	1231.77	37	-1318.81	41	-166.18	41
303	415	-10	Min.	221.04	-2576.99	41	69.56	37	138.30	37	809.15	37	1215.44	37	-166.18	41
303	-10	416	Max	0.00	-1898.61	37	-192.09	37	296.39	41	-941.74	37	1597.94	41	162.02	41
303	-10	416	Max	208.57	-1928.21	37	-192.09	37	-157.84	37	-1364.37	37	-1207.39	37	162.02	41
303	-10	416	Min.	0.00	-2578.90	41	-231.05	41	242.81	37	-1239.38	41	1197.54	37	121.74	37
303	-10	416	Min.	208.57	-2613.05	41	-231.05	41	-185.51	41	-1727.03	41	-1495.59	41	121.74	37
303	416	-149	Max	12.47	-1595.42	37	-29.45	37	93.24	41	1141.73	41	-600.51	37	15.40	41
303	416	-149	Max	174.93	-1618.48	37	-29.45	37	17.83	41	761.90	41	588.49	41	15.40	41
303	416	-149	Min.	12.47	-2269.56	41	-46.42	41	63.68	37	774.80	37	-957.81	41	10.83	37
303	416	-149	Min.	174.93	-2296.16	41	-46.42	41	15.85	37	445.62	37	390.82	37	10.83	37
303	-149	317	Max	0.00	-1703.01	37	-68.56	37	33.98	41	-720.37	37	588.67	41	14.27	41
303	-149	317	Max	163.46	-1726.21	37	-68.56	37	-84.00	37	-1051.59	37	-1057.22	37	14.27	41
303	-149	317	Min.	0.00	-2420.73	41	-92.05	41	28.08	37	-971.43	41	391.01	37	9.98	37
303	-149	317	Min.	163.46	-2447.49	41	-92.05	41	-116.48	41	-1353.61	41	-1311.59	41	9.98	37
303	317	-151	Max	12.47	-1523.28	37	-160.21	37	256.24	41	2009.66	41	-958.45	37	9.59	41
303	317	-151	Max	145.35	-1542.14	37	-160.21	37	10.78	41	1698.97	41	1003.14	41	9.59	41
303	317	-151	Min.	12.47	-2291.25	41	-184.72	41	222.64	37	1414.47	37	-1460.99	41	3.13	37
303	317	-151	Min.	145.35	-2313.00	41	-184.72	41	9.75	37	1145.21	37	742.27	37	3.13	37
303	-151	-152	Max	0.00	-1612.14	37	-85.31	37	37.21	41	265.45	41	1002.33	41	7.74	41
303	-151	-152	Max	113.50					-73.68	41			1153.03	41		
303	-151	-152	Max	142.35	-1632.34	37	-85.31	37	-88.85	37	-58.46	33	1143.33	41	7.74	41
303	-151	-152	Min.	0.00	-2416.03	41	-97.70	41	32.59	37	178.53	37	741.61	37	1.53	37
303	-151	-152	Min.	88.11					-42.58	37			820.26	37		
303	-151	-152	Min.	142.35	-2439.34	41	-97.70	41	-101.86	41	-109.91	37	790.45	37	1.53	37
303	-152	118	Max	0.00	-1701.27	37	-158.20	37	-69.46	37	-1067.12	37	1143.09	41	6.18	41
303	-152	118	Max	129.88	-1719.71	37	-158.20	37	-274.92	37	-1330.29	37	-766.66	37	6.18	41
303	-152	118	Min.	0.00	-2540.94	41	-182.18	41	-79.56	41	-1486.63	41	790.19	37	0.17	37
303	-152	118	Min.	129.88	-2562.20	41	-182.18	41	-316.18	41	-1790.29	41	-984.91	41	0.17	37
304	119	-129	Max	12.47	-3187.11	37	158.43	41	-262.36	37	2040.44	41	-822.62	37	0.30	37
304	119	-129	Max	145.35	-316											

304	-130	320	Max	129.88	-2968.01	37	159.65	41	228.58	41	-1740.72	37	-1379.31	37	-2.97	37
304	-130	320	Min.	0.00	-3830.55	41	138.25	37	18.65	37	-2112.09	41	710.61	37	-9.04	41
304	-130	320	Min.	129.88	-3809.28	41	138.25	37	198.21	37	-2415.75	41	-1852.02	41	-9.04	41
304	320	-137	Max	12.47	-2918.43	37	152.04	41	-174.62	37	1364.69	41	-729.38	37	0.36	37
304	320	-137	Max	175.93	-2895.23	37	152.04	41	45.88	41	982.51	41	682.07	41	0.36	37
304	320	-137	Min.	12.47	-3869.47	41	131.35	37	-202.64	41	897.56	37	-1236.31	41	-2.62	41
304	320	-137	Min.	175.93	-3842.70	41	131.35	37	40.10	37	566.35	37	467.07	37	-2.62	41
304	-137	421	Max	0.00	-2797.19	37	124.10	41	19.37	41	-868.67	37	682.07	41	-1.24	37
304	-137	421	Max	162.46	-2774.13	37	124.10	41	220.97	41	-1197.86	37	-1211.55	37	-1.24	37
304	-137	421	Min.	0.00	-3696.49	41	108.86	37	17.27	37	-1146.39	41	467.08	37	-4.47	41
304	-137	421	Min.	162.46	-3669.89	41	108.86	37	194.13	37	-1526.22	41	-1488.87	41	-4.47	41
304	421	-11	Max	12.47	-2979.84	37	94.45	41	-7.03	37	2142.11	41	-1208.59	37	-70.23	37
304	421	-11	Max	221.04	-2950.25	37	94.45	41	169.37	41	1654.47	41	2220.21	41	-70.23	37
304	421	-11	Min.	12.47	-4048.50	41	64.49	37	-27.64	41	1581.89	37	-1739.07	41	-92.21	41
304	421	-11	Min.	221.04	-4014.35	41	64.49	37	127.48	37	1159.27	37	1650.04	37	-92.21	41
304	-11	422	Max	0.00	-2946.94	37	-183.14	37	265.78	41	-1308.52	37	2218.93	41	90.58	41
304	-11	422	Max	208.57	-2976.54	37	-183.14	37	-158.48	37	-1731.14	37	-1521.12	37	90.58	41
304	-11	422	Min.	0.00	-4006.95	41	-213.70	41	223.50	37	-1743.81	41	1648.80	37	69.35	37
304	-11	422	Min.	208.57	-4041.10	41	-213.70	41	-179.93	41	-2231.45	41	-1926.68	41	69.35	37
304	422	-140	Max	12.47	-2455.89	37	-46.60	37	113.90	41	1363.03	41	-796.03	37	7.82	41
304	422	-140	Max	174.93	-2478.95	37	-46.60	37	12.63	41	983.20	41	666.28	41	7.82	41
304	422	-140	Min.	12.47	-3470.47	41	-62.34	41	86.34	37	925.11	37	-1239.54	41	5.59	37
304	422	-140	Min.	174.93	-3497.07	41	-62.34	41	10.63	37	595.92	37	439.49	37	5.59	37
304	-140	323	Max	0.00	-2577.86	37	-72.90	37	31.84	41	-839.03	37	666.28	41	6.47	41
304	-140	323	Max	163.46	-2601.06	37	-72.90	37	-93.13	37	-1170.25	37	-1202.71	37	6.47	41
304	-140	323	Min.	0.00	-3644.12	41	-94.44	41	26.04	37	-1145.65	41	439.49	37	4.51	37
304	-140	323	Min.	163.46	-3670.89	41	-94.44	41	-122.52	41	-1527.82	41	-1518.75	41	4.51	37
304	323	-145	Max	12.47	-2297.13	37	-144.48	37	245.15	41	2338.78	41	-1098.14	37	13.28	41
304	323	-145	Max	145.35	-2315.99	37	-144.48	37	25.74	41	2028.09	41	1220.83	41	13.28	41
304	323	-145	Min.	12.47	-3402.16	41	-165.12	41	214.93	37	1634.15	37	-1680.65	41	9.52	37
304	323	-145	Min.	145.35	-3423.92	41	-165.12	41	22.94	37	1364.89	37	894.51	37	9.52	37
304	-145	-146	Max	0.00	-2397.05	37	-105.96	37	54.35	41	264.86	41	1220.82	41	11.27	41
304	-145	-146	Max	113.28					-82.77	41			1370.85	41		
304	-145	-146	Max	142.35	-2417.25	37	-105.96	37	-103.11	37	-59.17	33	1360.97	41	11.27	41
304	-145	-146	Min.	0.00	-3544.62	41	-121.04	41	47.73	37	172.98	37	894.50	37	7.78	37
304	-145	-146	Min.	85.41					-42.77	37			968.34	37		
304	-145	-146	Min.	142.35	-3567.92	41	-121.04	41	-117.95	41	-115.46	37	935.45	37	7.78	37
304	-146	124	Max	0.00	-2497.89	37	-139.34	37	-82.04	37	-1295.76	37	1361.03	41	9.57	41
304	-146	124	Max	129.88	-2516.32	37	-139.34	37	-263.01	37	-1558.93	37	-918.32	37	9.57	41
304	-146	124	Min.	0.00	-3687.86	41	-162.94	41	-93.68	41	-1813.74	41	935.50	37	6.31	37
304	-146	124	Min.	129.88	-3709.13	41	-162.94	41	-305.30	41	-2117.40	41	-1191.81	41	6.31	37
305	125	-127	Max	12.47	-3808.50	37	147.97	41	-250.02	37	2343.59	41	-912.82	37	11.45	41
305	125	-127	Max	145.35	-3789.64	37	147.97	41	-81.57	37	2032.90	41	1589.37	41	11.45	41
305	125	-127	Min.	12.47	-4954.12	41	126.76	37	-288.20	41	1645.59	37	-1318.50	41	10.95	33
305	125	-127	Min.	145.35	-4932.36	41	126.76	37	-91.57	41	1376.32	37	1095.02	37	10.95	33
305	-127	-128	Max	0.00	-3690.81	37	112.08	41	-100.87	37	-40.35	37	1588.55	41	9.91	41
305	-127	-128	Max	142.35	-3670.61	37	112.08	41	45.87	41	-328.79	37	1266.96	41	9.91	41
305	-127	-128	Min.	0.00	-4786.31	41	99.33	37	-113.67	41	-63.31	33	1094.49	37	9.51	33
305	-127	-128	Min.	142.35	-4763.00	41	99.33	37	40.53	37	-392.32	41	831.76	37	9.51	33
305	-128	326	Max	0.00	-3572.83	37	130.04	41	19.80	41	-1731.81	37	1267.70	41	8.26	37
305	-128	326	Max	129.88	-3554.40	37	130.04	41	188.70	41	-1994.98	37	-1587.86	37	8.26	37
305	-128	326	Min.	0.00	-4618.51	41	114.31	37	17.69	37	-2464.19	41	832.28	37	7.80	33
305	-128	326	Min.	129.88	-4597.25	41	114.31	37	166.15	37	-2767.85	41	-2129.95	41	7.80	33
305	326	-136	Max	12.47	-3454.42	37	124.63	41	-136.91	37	1548.88	41	-852.44	37	3.23	37
305	326	-136	Max	175.93	-3431.23	37	124.63	41	48.62	41	1166.70	41	794.44	41	3.23	37
305	326	-136	Min.	12.47	-4611.49	41	109.88	37	-155.10	41	1016.74	37	-1425.02	41	0.60	41
305	326	-136	Min.	175.93	-4584.73	41	109.88	37	42.69	37	685.53	37	538.83	37	0.60	41
305	-136	427	Max	0.00	-3312.91	37	85.27	41	27.71	41	-1018.05	37	794.27	41	1.94	37
305	-136	427	Max	162.46	-3289.85	37	85.27	41	166.24	41	-1347.24	37	-1382.66	37	1.94	37
305	-136	427	Min.	0.00	-4409.26	41	78.20	37	24.29	37	-1357.25	41	538.65	37	-0.86	41
305	-136	427	Min.	162.46	-4382.66	41	78.20	37	151.34	37	-1737.08	41	-1719.23	41	-0.86	41
305	427	-12	Max	12.47	-3529.37	37	46.00	41	28.31	37	2516.85	41	-1445.58	37	-53.20	37
305	427	-12	Max	221.04	-3499.77	37	46.00	41	118.33	41	2029.21	41	2668.03	41	-53.20	37
305	427	-12	Min.	12.47	-4816.82	41	30.46	37	22.38	41	1854.57	37	-2072.85	41	-68.12	41
305	427	-12	Min.	221.04	-4782.67	41	30.46	37	91.83	37	1431.95	37	1981.78	37	-68.12	41
305	-12	428	Max	0.00	-3511.95	37	-133.72	37	200.37	41	-1592.73	37	2666.17	41	66.49	41
305	-12	428	Max	208.57	-3541.55	37	-133.72	37	-105.96	37	-2015.35	37	-1784.06	37	66.49	41
305	-12	428	Min.	0.00	-4790.55	41	-150.48	41	172.94	37	-2125.92	41	1978.64	37	52.41	37
305	-12	428	Min.	208.57	-4824.70	41	-150.48	41	-113.49	41	-2613.56	41	-2276.41	41	52.41	37
305	428	-139	Max	12.47	-2979.01	37	-22.60	37	67.18	41	1566.64	41	-941.75	37	4.88	41
305	428	-139	Max	174.93	-3002.06	37	-22.60	37	16.98	41	1186.81	41	781.17	41	4.88	41
305	428	-139	Min.	12.47	-4196.98	41	-30.90	41	50.71	37	1061.59	37	-1455.43	41	3.39	37
305	428	-139	Min.	174.93	-4223.58	41	-30.90	41	14.00	37	732.41	37	515.50	37	3.39	37
305	-139	329	Max	0.00	-3120.42	37	-53.52	37	31.43	41	-971.17	37	781.25	41	3.87	41
305	-139	329	Max	163.46	-3143.62	37	-53.52	37	-61.65	37	-1302.39	37	-1342.64	37	3.87	41
305	-139	329	Min.	0.00	-4399.10	41	-68.89	41	25.83	37	-1337.14	41	515.54	37	2.57	37
305	-139	329	Min.	163.46	-4425.87	41	-68.89	41	-81.18	41	-1719.32	41	-1716.80	41	2.57	37
305	329	-143	Max	12.47	-2857.29	37	-114.89	37	202.45	41	2661.11	41	-1247.38	37	-3.88	37
305	329	-143	Max	145.35	-2876.15	37	-114.89	37	27.85	41	2350.42	41	1407.18	41	-3.88	37
305	329	-143	Min.	12.47	-4179.60	41	-131.39	41	178.62	37	1842.69	37	-1922.64	41	-5.30	41
305	329	-143	Min.	145.35	-4201.36	41	-131.39	41	25.94	37	1573.42	37	1022.39	37	-5.30	41
305	-143	-144	Max	0.00	-2974.84	37										

305	-144	130	Min.	129.88	-4536.45	41	-154.20	41	-292.07	41	-2450.32	41	-1447.53	41	-8.62	41
306	231	-125	Max	12.47	-2144.72	33	62.41	37	-175.65	37	1339.72	41	-365.17	37	106.66	41
306	231	-125	Max	145.35	-2125.87	33	62.41	37	-92.71	37	1029.03	41	925.91	41	106.66	41
306	231	-125	Min.	12.47	-2334.88	41	60.68	33	-188.90	41	927.62	37	-647.95	41	81.18	37
306	231	-125	Min.	145.35	-2313.12	41	60.68	33	-106.06	41	658.35	37	688.60	37	81.18	37
306	-125	-126	Max	0.00	-2061.72	33	107.22	41	-101.23	37	-17.40	41	926.54	41	105.99	41
306	-125	-126	Max	142.35	-2041.52	33	107.22	41	36.99	41	-317.59	33	664.90	41	105.99	41
306	-125	-126	Min.	0.00	-2243.28	41	94.92	37	-115.64	41	-50.18	37	688.99	37	80.58	37
306	-125	-126	Min.	142.35	-2219.97	41	94.92	37	33.90	37	-350.21	41	412.26	37	80.58	37
306	-126	332	Max	0.00	-1978.62	33	61.99	41	25.68	41	-1040.36	37	664.34	41	105.20	41
306	-126	332	Max	129.88	-1960.19	33	61.99	41	106.18	41	-1303.53	37	-1110.22	37	105.20	41
306	-126	332	Min.	0.00	-2151.46	41	55.27	37	23.80	37	-1386.41	41	411.88	37	79.88	37
306	-126	332	Min.	129.88	-2130.19	41	55.27	37	95.58	37	-1690.07	41	-1333.50	41	79.88	37
306	332	-135	Max	12.47	-1648.21	37	42.92	37	-52.07	33	852.37	41	-204.14	37	107.52	41
306	332	-135	Max	175.93	-1625.01	37	42.92	37	16.57	37	470.20	41	458.63	41	107.52	41
306	332	-135	Min.	12.47	-1915.29	41	41.04	33	-54.36	41	491.45	37	-622.30	41	82.43	37
306	332	-135	Min.	175.93	-1888.52	41	41.04	33	14.83	41	160.23	37	328.47	37	82.43	37
306	-135	433	Max	0.00	-1567.91	37	109.72	41	9.70	37	-691.71	37	458.80	41	107.00	41
306	-135	433	Max	162.46	-1544.85	37	109.72	41	185.70	41	-1020.89	37	-1042.94	33	107.00	41
306	-135	433	Min.	0.00	-1802.94	41	92.68	37	7.45	41	-791.93	41	328.65	37	81.95	37
306	-135	433	Min.	162.46	-1776.34	41	92.68	37	160.26	37	-1171.76	41	-1136.29	41	81.95	37
306	433	-13	Max	12.47	-1345.65	37	-148.08	37	170.52	41	1241.19	41	-550.68	37	351.13	41
306	433	-13	Max	221.04	-1316.05	37	-148.08	37	-170.36	37	753.54	41	1170.00	41	351.13	41
306	433	-13	Min.	12.47	-1777.47	41	-198.04	41	138.50	37	895.14	37	-910.21	41	250.44	37
306	433	-13	Min.	221.04	-1743.32	41	-198.04	41	-242.54	41	472.51	37	875.58	37	250.44	37
306	-13	434	Max	0.00	-1319.23	37	121.89	41	-126.51	37	-724.45	37	1172.26	41	-253.57	37
306	-13	434	Max	208.57	-1348.83	37	121.89	41	56.20	41	-1147.07	37	-1072.32	37	-253.57	37
306	-13	434	Min.	0.00	-1739.16	41	73.02	37	-198.03	41	-904.52	41	879.40	37	-356.28	41
306	-13	434	Min.	208.57	-1773.32	41	73.02	37	25.79	37	-1392.16	41	-1222.84	41	-356.28	41
306	434	-138	Max	12.47	-788.64	37	-40.57	37	91.21	41	891.28	41	-334.76	37	-68.79	37
306	434	-138	Max	174.93	-811.70	37	-40.57	37	-1.90	37	511.45	41	439.20	41	-68.79	37
306	434	-138	Min.	12.47	-1313.97	41	-59.03	41	64.01	37	552.46	37	-700.23	41	-96.47	41
306	434	-138	Min.	174.93	-1340.57	41	-59.03	41	-4.69	41	223.27	37	295.35	37	-96.47	41
306	-138	335	Max	0.00	-869.90	37	6.16	33	1.74	37	-628.58	37	439.12	41	-69.04	37
306	-138	335	Max	163.46	-893.10	37	6.16	33	9.82	33	-959.80	37	-1002.87	37	-69.04	37
306	-138	335	Min.	0.00	-1427.23	41	4.83	37	-0.44	41	-750.60	41	295.32	37	-96.77	41
306	-138	335	Min.	163.46	-1454.00	41	4.83	37	7.57	41	-1132.77	41	-1100.16	41	-96.77	41
306	335	-141	Max	12.47	-371.34	37	-63.16	37	128.57	41	1510.40	41	-526.83	37	-73.64	37
306	335	-141	Max	145.35	-390.20	37	-63.16	37	33.83	41	1199.71	41	818.26	41	-73.64	37
306	335	-141	Min.	12.47	-1110.95	41	-71.30	41	116.07	37	1016.43	37	-982.42	41	-102.04	41
306	335	-141	Min.	145.35	-1132.71	41	-71.30	41	32.15	37	747.17	37	644.95	37	-102.04	41
306	-141	-142	Max	0.00	-436.38	37	-99.90	37	44.78	41	153.25	41	818.83	41	-74.32	37
306	-141	-142	Max	65.55					-29.14	41			869.06	41		
306	-141	-142	Max	142.35	-456.58	37	-99.90	37	-100.41	37	-165.08	33	800.11	41	-74.32	37
306	-141	-142	Min.	0.00	-1202.06	41	-112.78	41	41.80	37	38.61	37	645.39	37	-102.80	41
306	-141	-142	Min.	19.05					22.76	37			649.06	37		
306	-141	-142	Min.	142.35	-1225.37	41	-112.78	41	-115.75	41	-249.83	37	495.05	37	-102.80	41
306	-142	136	Max	0.00	-502.73	37	-61.68	37	-92.03	37	-951.53	37	799.44	41	-74.90	37
306	-142	136	Max	129.88	-521.16	37	-61.68	37	-172.13	37	-1214.70	37	-903.62	33	-74.90	37
306	-142	136	Min.	0.00	-1294.53	41	-63.39	41	-106.28	41	-1215.71	41	494.62	37	-103.47	41
306	-142	136	Min.	129.88	-1315.79	41	-63.39	41	-188.62	41	-1519.37	41	-976.70	41	-103.47	41
308	-133	-131	Max	0.00	111.16	41	-3.84	37	7.30	41	718.61	41	0.00	33	-0.04	41
308	-133	-131	Max	205.00					-1.39	41			736.57	41		
308	-133	-131	Max	410.00	111.16	41	-3.84	37	-9.05	37	-484.60	37	0.00	33	-0.04	41
308	-133	-131	Min.	0.00	94.37	37	-4.24	41	6.68	37	484.60	37	0.00	33	-0.16	37
308	-133	-131	Min.	205.00					-1.18	37			496.72	37		
308	-133	-131	Min.	410.00	94.37	37	-4.24	41	-10.08	41	-718.61	41	0.00	41	-0.16	37
308	-131	-129	Max	0.00	31.67	41	-5.49	37	12.88	41	718.61	41	0.00	33	0.25	41
308	-131	-129	Max	205.00					-0.02	41			736.57	41		
308	-131	-129	Max	410.00	31.67	41	-5.49	37	-11.26	37	-484.60	37	0.00	33	0.25	41
308	-131	-129	Min.	0.00	26.78	37	-6.29	41	11.24	37	484.60	37	0.00	33	0.17	37
308	-131	-129	Min.	205.00					-0.01	37			496.72	37		
308	-131	-129	Min.	410.00	26.78	37	-6.29	41	-12.92	41	-718.61	41	0.00	37	0.17	37
308	-129	-127	Max	0.00	-5.08	37	-3.42	37	11.68	41	1048.75	41	0.00	33	0.19	41
308	-129	-127	Max	295.00					0.10	41			1546.91	41		
308	-129	-127	Max	590.00	-5.08	37	-3.42	37	-10.01	37	-710.06	37	0.00	37	0.19	41
308	-129	-127	Min.	0.00	-8.99	41	-3.93	41	10.16	37	710.06	37	0.00	33	0.13	37
308	-129	-127	Min.	295.00					0.08	37			1047.33	37		
308	-129	-127	Min.	590.00	-8.99	41	-3.93	41	-11.48	41	-1048.75	41	-0.00	41	0.13	37
308	-127	-125	Max	0.00	-32.51	37	-3.03	37	10.67	41	1048.75	41	0.00	33	-0.39	37
308	-127	-125	Max	295.00					0.54	41			1546.91	41		
308	-127	-125	Max	590.00	-32.51	37	-3.03	37	-8.54	37	-710.06	37	0.00	41	-0.39	37
308	-127	-125	Min.	0.00	-44.88	41	-3.43	41	9.33	37	710.06	37	0.00	33	-0.63	41
308	-127	-125	Min.	295.00					0.40	37			1047.33	37		
308	-127	-125	Min.	590.00	-44.88	41	-3.43	41	-9.60	41	-1048.75	41	0.00	37	-0.63	41
309	-134	-132	Max	0.00	-87.27	37	-4.59	37	8.61	41	711.45	41	0.00	33	-0.73	37
309	-134	-132	Max	205.00					-1.77	41			729.24	41		
309	-134	-132	Max	410.00	-87.27	37	-4.59	37	-10.95	37	-479.85	37	0.00	41	-0.73	37
309	-134	-132	Min.	0.00	-100.86	41	-5.06	41	7.89	37	479.85	37	0.00	33	-0.93	41
309	-134	-132	Min.	205.00					-1.53	37			491.84	37		
309	-134	-132	Min.	410.00	-100.86	41	-5.06	41	-12.15	41	-711.45	41	0.00	37	-0.93	41
309	-132	-130	Max	0.00	-9.88	37	-6.51	37	15.29	41	711.45	41	0.00	33	-0.10	37
309	-132	-130	Max	205.00					-0.02	41			729.24	41		
309	-132	-130	Max	410.00	-9.88	37	-6.51	37	-13.37	37	-479.85	37	0.00	41	-0.10	37
309	-132	-130	Min.	0.00	-14.60	41	-7.47	41	13.34	37	479.85	37	0.00	33	-0.15	41
309	-132	-130	Min.	205.00					-0.01	37			491.84	37	</	

309	-130	-128	Min.	0.00	24.68	37	-4.66	41	12.07	37	703.21	37	0.00	33	-0.18	41
309	-130	-128	Min.	295.00					0.09	37			1037.24	37		
309	-130	-128	Min.	590.00	24.68	37	-4.66	41	-13.62	41	-1038.45	41	0.00	33	-0.18	41
309	-128	-126	Max	0.00	45.24	41	-3.58	37	12.51	41	1038.45	41	0.00	33	0.56	41
309	-128	-126	Max	295.00					0.58	41			1531.71	41		
309	-128	-126	Max	590.00	45.24	41	-3.58	37	-10.13	37	-703.21	37	0.00	41	0.56	41
309	-128	-126	Min.	0.00	39.66	37	-4.04	41	11.00	37	703.21	37	0.00	33	0.38	37
309	-128	-126	Min.	295.00					0.44	37			1037.24	37		
309	-128	-126	Min.	590.00	39.66	37	-4.04	41	-11.34	41	-1038.45	41	0.00	37	0.38	37
310	308	314	Max	17.50	170.40	41	-76.71	37	119.12	41	1147.31	41	0.00	33	-58.14	37
310	308	314	Max	207.50					-39.04	41			1089.95	41		
310	308	314	Max	397.50	170.40	41	-76.71	37	-179.16	37	-852.65	37	0.00	33	-58.14	37
310	308	314	Min.	17.50	153.55	37	-83.25	41	111.61	33	852.65	37	0.00	33	-79.92	41
310	308	314	Min.	207.50					-33.40	37			810.01	37		
310	308	314	Min.	397.50	153.55	37	-83.25	41	-197.21	41	-1147.31	41	0.00	41	-79.92	41
310	314	320	Max	12.50	-7.09	37	-107.57	37	240.00	41	1038.10	41	-386.81	37	-11.33	37
310	314	320	Max	184.41					24.30	41			387.00	41		
310	314	320	Max	397.50	-7.09	37	-107.57	37	-208.81	37	-950.87	37	-721.76	37	-11.33	37
310	314	320	Min.	12.50	-31.33	41	-125.47	41	205.34	37	776.87	37	-505.31	41	-16.77	41
310	314	320	Min.	185.61					19.12	37			285.62	37		
310	314	320	Min.	397.50	-31.33	41	-125.47	41	-243.06	41	-1286.72	41	-983.90	41	-16.77	41
310	320	326	Max	12.50	-155.57	37	-52.64	37	170.16	41	1675.00	41	-1095.21	37	-5.12	37
310	320	326	Max	289.89					1.36	41			856.18	41		
310	320	326	Max	577.50	-155.57	37	-52.64	37	-150.32	37	-1289.24	37	-1216.65	37	-5.12	37
310	320	326	Min.	12.50	-221.80	41	-60.85	41	147.12	37	1246.26	37	-1466.95	41	-7.33	41
310	320	326	Min.	290.21					0.92	37			635.28	37		
310	320	326	Min.	577.50	-221.80	41	-60.85	41	-173.66	41	-1736.74	41	-1641.36	41	-7.33	41
310	326	332	Max	12.50	-249.34	37	-46.84	37	153.49	41	1896.74	41	-1440.60	37	32.73	41
310	326	332	Max	326.61					-9.33	41			1064.86	41		
310	326	332	Max	577.50	-249.34	37	-46.84	37	-127.85	37	-1119.64	37	-603.79	37	32.73	41
310	326	332	Min.	12.50	-337.37	41	-51.83	41	136.77	37	1415.86	37	-1914.07	41	28.40	37
310	326	332	Min.	328.00					-11.00	37			792.94	37		
310	326	332	Min.	577.50	-337.37	41	-51.83	41	-139.37	41	-1514.99	41	-835.62	41	28.40	37
311	-148	-147	Max	0.00	23.94	41	-3.81	37	6.38	41	868.90	41	0.00	33	-0.01	33
311	-148	-147	Max	205.00					-2.29	41			890.62	41		
311	-148	-147	Max	410.00	23.94	41	-3.81	37	-9.78	37	-584.52	37	0.00	37	-0.01	33
311	-148	-147	Min.	0.00	22.27	37	-4.23	41	5.82	37	584.52	37	0.00	33	-0.02	37
311	-148	-147	Min.	205.00					-1.98	37			599.13	37		
311	-148	-147	Min.	410.00	22.27	37	-4.23	41	-10.97	41	-868.90	41	0.00	33	-0.02	37
311	-147	-137	Max	0.00	4.41	37	-5.99	37	14.31	41	868.90	41	0.00	33	0.00	41
311	-147	-137	Max	205.00					0.03	41			890.62	41		
311	-147	-137	Max	410.00	4.41	37	-5.99	37	-12.25	37	-584.52	37	0.00	41	0.00	41
311	-147	-137	Min.	0.00	-0.09	41	-6.97	41	12.31	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	-0.09	41	-6.97	41	-14.26	41	-868.90	41	0.00	33	0.00	37
311	-137	-136	Max	0.00	-18.09	37	-3.54	37	12.32	41	1265.02	41	0.00	33	0.01	41
311	-137	-136	Max	295.00					0.24	41			1865.91	41		
311	-137	-136	Max	590.00	-18.09	37	-3.54	37	-10.26	37	-853.84	37	0.00	37	0.01	41
311	-137	-136	Min.	0.00	-28.03	41	-4.09	41	10.63	37	853.84	37	0.00	33	0.00	37
311	-137	-136	Min.	295.00					0.19	37			1259.42	37		
311	-137	-136	Min.	590.00	-28.03	41	-4.09	41	-11.84	41	-1265.02	41	0.00	41	0.00	37
311	-136	-135	Max	0.00	-49.76	37	-2.55	37	9.13	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	-49.76	37	-2.55	37	-6.88	37	-853.84	37	0.00	41	-0.15	33
311	-136	-135	Min.	0.00	-67.39	41	-2.80	41	8.19	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	-67.39	41	-2.80	41	-7.40	41	-1265.02	41	0.00	37	-0.18	37
312	409	415	Max	17.50	726.16	41	-30.38	33	23.28	37	1318.67	41	0.00	33	65.07	41
312	409	415	Max	207.50					-41.29	41			1252.73	41		
312	409	415	Max	397.50	726.16	41	-30.38	33	-92.21	37	-966.57	37	0.00	33	65.07	41
312	409	415	Min.	17.50	689.57	37	-33.80	41	19.64	33	966.57	37	0.00	33	55.23	37
312	409	415	Min.	207.50					-34.47	37			918.24	37		
312	409	415	Min.	397.50	689.57	37	-33.80	41	-105.50	41	-1318.66	41	0.00	37	55.23	37
312	415	421	Max	12.50	446.97	41	-62.22	37	151.88	41	1195.70	41	-454.37	37	32.07	41
312	415	421	Max	184.78					16.74	41			452.49	41		
312	415	421	Max	397.50	446.97	41	-62.22	37	-119.67	37	-1067.41	37	-793.67	37	32.07	41
312	415	421	Min.	12.50	435.96	33	-78.44	41	119.86	37	891.16	37	-577.50	41	24.29	37
312	415	421	Min.	187.68					10.87	37			326.18	37		
312	415	421	Min.	397.50	435.96	33	-78.44	41	-150.12	41	-1476.33	41	-1117.71	41	24.29	37
312	421	427	Max	12.50	194.51	37	-28.61	37	99.22	41	1927.16	41	-1257.47	37	12.61	41
312	421	427	Max	290.18					0.73	41			981.19	41		
312	421	427	Max	577.50	194.51	37	-28.61	37	-81.58	37	-1456.25	37	-1365.45	37	12.61	41
312	421	427	Min.	12.50	164.85	41	-35.47	41	80.06	37	1418.02	37	-1694.43	41	10.25	37
312	421	427	Min.	291.24					0.32	37			718.85	37		
312	421	427	Min.	577.50	164.85	41	-35.47	41	-101.18	41	-1994.13	41	-1883.63	41	10.25	37
312	427	433	Max	12.50	-5.68	37	-5.28	33	39.46	41	2228.10	41	-1693.80	37	-27.29	37
312	427	433	Max	333.54					21.35	41			1300.06	41		
312	427	433	Max	577.50	-5.68	37	-5.28	33	7.59	41	-1231.29	37	-530.78	37	-27.29	37
312	427	433	Min.	12.50	-56.65	41	-7.17	37	36.19	33	1642.98	37	-2276.43	41	-40.15	41
312	427	433	Min.	335.46					14.14	37			959.30	37		
312	427	433	Min.	577.50	-56.65	41	-7.17	37	-3.21	37	-1693.19	41	-765.33	41	-40.15	41
313	-9	-10	Max	0.00	516.82	41	30.61	41	-62.17	37	1532.51	41	0.00	33	19.45	33
313	-9	-10	Max	205.00					-6.58	41			1570.82	41		
313	-9	-10	Max	410.00	516.82	41	30.61	41	56.16	41	-1115.83	37	-0.00	37	19.45	33
313	-9	-10	Min.	0.00	452.36	37	27.08	37	-69.32	41	1115.83	37	0.00	33	18.47	37
313	-9	-10	Min.	205.00					-6.66	37			1143.73	37		
313	-9	-10	Min.	410.00	452.36	37	27.08	37	48.85	37	-1532.51	41	-0.00	41	18.47	37
313	-10	-11	Max	0.00	190.71	37	27.23	37	-55.37	33	1224.76	41	-272.50	37	0.86	41
313	-10	-11	Max	164.00					-10.75	41			642.26	41		
313	-10	-11	Max	410.00	190.71	37	27.23	37	56.19	41	-1336.24	37	-1176.20	37	0.86	41

313	-10	-11	Min.	0.00	177.01	33	27.21	33	-55.62	37	895.42	37	-361.02	41	0.56	37
313	-10	-11	Min.	164.51					-10.83	37			464.00	37		
313	-10	-11	Min.	410.00	177.01	33	27.21	33	56.01	37	-1840.26	41	-1622.79	41	0.56	37
313	-11	-41	Max	0.00	-56.92	37	13.59	41	-39.84	37	2110.13	41	-1339.96	37	-0.41	41
313	-11	-41	Max	176.67	-56.92	37	13.59	41	-15.98	37	789.43	41	725.74	41	-0.41	41
313	-11	-41	Min.	0.00	-123.45	41	13.51	37	-40.10	41	1537.52	37	-1835.54	41	-0.68	37
313	-11	-41	Min.	176.67	-123.45	41	13.51	37	-16.09	41	575.91	37	526.90	37	-0.68	37
313	-41	-42	Max	0.00	-56.92	37	13.59	41	-15.98	37	789.41	41	725.77	41	-0.41	41
313	-41	-42	Max	105.60					-1.75	41			1142.57	41		
313	-41	-42	Max	191.67	-56.92	37	13.59	41	9.94	41	-467.36	37	865.67	41	-0.41	41
313	-41	-42	Min.	0.00	-123.45	41	13.51	37	-16.09	41	575.89	37	526.92	37	-0.68	37
313	-41	-42	Min.	105.80					-1.70	37			831.58	37		
313	-41	-42	Min.	191.67	-123.45	41	13.51	37	9.90	37	-643.42	41	630.93	37	-0.68	37
313	-42	-12	Max	0.00	-56.92	37	13.59	41	9.94	41	-467.33	37	865.72	41	-0.41	41
313	-42	-12	Max	221.67	-56.92	37	13.59	41	40.06	41	-1673.88	37	-1742.21	37	-0.41	41
313	-42	-12	Min.	0.00	-123.45	41	13.51	37	9.90	37	-643.37	41	630.96	37	-0.68	37
313	-42	-12	Min.	221.67	-123.45	41	13.51	37	39.84	37	-2300.47	41	-2397.04	41	-0.68	37
313	-12	-43	Max	0.00	-221.10	37	14.69	41	-41.13	37	2513.31	41	-1866.11	37	-2.26	41
313	-12	-43	Max	161.67	-221.10	37	14.69	41	-17.81	37	1304.75	41	532.60	41	-2.26	41
313	-12	-43	Min.	0.00	-319.94	41	14.42	37	-41.90	41	1833.27	37	-2553.67	41	-3.82	37
313	-12	-43	Min.	161.67	-319.94	41	14.42	37	-18.15	41	953.30	37	386.36	37	-3.82	37
313	-43	-44	Max	0.00	-221.10	37	14.69	41	-17.81	37	1304.73	41	532.65	41	-2.26	41
313	-43	-44	Max	174.53					7.48	41			1671.22	41		
313	-43	-44	Max	191.67	-221.10	37	14.69	41	10.00	41	-89.97	37	1660.25	41	-2.26	41
313	-43	-44	Min.	0.00	-319.94	41	14.42	37	-18.15	41	953.28	37	386.39	37	-3.82	37
313	-43	-44	Min.	175.14					7.45	37			1221.17	37		
313	-43	-44	Min.	191.67	-319.94	41	14.42	37	9.83	37	-128.10	41	1213.73	37	-3.82	37
313	-44	-13	Max	0.00	-221.10	37	14.69	41	10.00	41	-89.94	37	1660.25	41	-2.26	41
313	-44	-13	Max	236.67	-221.10	37	14.69	41	44.76	41	-1378.13	37	-523.47	37	-2.26	41
313	-44	-13	Min.	0.00	-319.94	41	14.42	37	9.83	37	-128.05	41	1213.74	37	-3.82	37
313	-44	-13	Min.	236.67	-319.94	41	14.42	37	43.96	37	-1897.29	41	-736.40	41	-3.82	37
314	410	416	Max	17.50	-17.11	41	32.62	41	-3.84	37	1318.67	41	0.00	33	-44.17	37
314	410	416	Max	207.50					41.97	41			1252.73	41		
314	410	416	Max	397.50	-17.11	41	32.62	41	103.95	41	-966.57	37	0.00	41	-44.17	37
314	410	416	Min.	17.50	-42.37	33	20.70	37	-20.01	41	966.57	37	0.00	33	-60.13	41
314	410	416	Min.	207.50					35.50	37			918.24	37		
314	410	416	Min.	397.50	-42.37	33	20.70	37	74.83	37	-1318.66	41	0.00	37	-60.13	41
314	416	422	Max	12.50	-65.79	37	94.50	41	-154.45	37	1185.91	41	-438.46	37	-22.78	37
314	416	422	Max	183.37					-22.64	41			456.43	41		
314	416	422	Max	397.50	-65.79	37	94.50	41	179.72	41	-1074.88	37	-806.51	37	-22.78	37
314	416	422	Min.	12.50	-81.11	33	79.10	37	-184.11	41	883.69	37	-556.76	41	-31.37	41
314	416	422	Min.	186.21					-17.04	37			329.06	37		
314	416	422	Min.	397.50	-81.11	33	79.10	37	150.10	37	-1486.13	41	-1134.68	41	-31.37	41
314	422	428	Max	12.50	-121.06	37	42.64	41	-99.82	37	1923.49	41	-1249.81	37	-8.15	37
314	422	428	Max	289.65					-0.89	41			981.41	41		
314	422	428	Max	577.50	-121.06	37	42.64	41	121.85	41	-1458.93	37	-1372.94	37	-8.15	37
314	422	428	Min.	12.50	-156.16	41	35.77	37	-119.07	41	1415.34	37	-1684.05	41	-11.39	41
314	422	428	Min.	290.72					-0.30	37			719.04	37		
314	422	428	Min.	577.50	-156.16	41	35.77	37	102.29	37	-1997.80	41	-1893.96	41	-11.39	41
314	428	434	Max	12.50	-151.13	37	14.01	37	-56.29	33	2222.12	41	-1682.87	37	48.71	41
314	428	434	Max	332.67					-18.41	41			1295.66	41		
314	428	434	Max	577.50	-151.13	37	14.01	37	22.80	37	-1235.68	37	-544.67	37	48.71	41
314	428	434	Min.	12.50	-204.76	41	12.49	33	-59.56	41	1638.58	37	-2261.66	41	41.61	37
314	428	434	Min.	334.60					-11.24	37			956.06	37		
314	428	434	Min.	577.50	-204.76	41	12.49	33	13.06	41	-1699.18	41	-784.35	41	41.61	37
315	-150	-149	Max	0.00	51.79	41	1.84	41	-0.38	37	868.90	41	0.00	33	-0.19	41
315	-150	-149	Max	205.00					2.22	41			890.62	41		
315	-150	-149	Max	410.00	51.79	41	1.84	41	5.99	41	-584.52	37	0.00	41	-0.19	41
315	-150	-149	Min.	0.00	50.44	33	1.11	37	-1.55	41	584.52	37	0.00	33	-0.20	37
315	-150	-149	Min.	205.00					1.89	37			599.13	37		
315	-150	-149	Min.	410.00	50.44	33	1.11	37	4.17	37	-868.90	41	0.00	33	-0.20	37
315	-149	-140	Max	0.00	11.82	37	5.00	41	-8.10	37	868.90	41	0.00	33	-0.01	37
315	-149	-140	Max	205.00					0.05	41			890.62	41		
315	-149	-140	Max	410.00	11.82	37	5.00	41	10.30	41	-584.52	37	0.00	41	-0.01	37
315	-149	-140	Min.	0.00	6.17	41	3.98	37	-10.21	41	584.52	37	0.00	33	-0.01	41
315	-149	-140	Min.	205.00					0.06	37			599.13	37		
315	-149	-140	Min.	410.00	6.17	41	3.98	37	8.21	37	-868.90	41	0.00	37	-0.01	41
315	-140	-139	Max	0.00	-14.48	37	2.97	41	-7.23	37	1265.02	41	0.00	33	-0.01	33
315	-140	-139	Max	295.00					-0.20	41			1865.91	41		
315	-140	-139	Max	590.00	-14.48	37	2.97	41	8.56	41	-853.84	37	0.00	37	-0.01	33
315	-140	-139	Min.	0.00	-25.93	41	2.40	37	-8.96	41	853.84	37	0.00	33	-0.01	41
315	-140	-139	Min.	295.00					-0.15	37			1259.42	37		
315	-140	-139	Min.	590.00	-25.93	41	2.40	37	6.94	37	-1265.02	41	0.00	41	-0.01	41
315	-139	-138	Max	0.00	-45.40	37	1.73	41	-4.92	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	-45.40	37	1.73	41	4.26	41	-853.84	37	0.01	41	0.08	41
315	-139	-138	Min.	0.00	-63.93	41	1.45	37	-5.93	41	853.84	37	0.00	33	0.03	37
315	-139	-138	Min.	295.00					-0.63	37			1259.42	37		
315	-139	-138	Min.	590.00	-63.93	41	1.45	37	3.65	37	-1265.02	41	0.00	37	0.03	37
316	311	317	Max	17.50	474.04	37	61.35	41	-60.80	37	1153.94	41	0.00	33	82.49	41
316	311	317	Max	207.50					35.50	41			1096.25	41		
316	311	317	Max	397.50	474.04	37	61.35	41	152.07	41	-857.06	37	0.00	33	82.49	41
316	311	317	Min.	17.50	449.01	33	47.99	37	-81.08	41	857.06	37	0.00	33	64.36	37
316	311	317	Min.	207.50					30.38	37			814.20	37		
316	311	317	Min.	397.50	449.01	33	47.99	37	121.56	37	-1153.94	41	0.00	41	64.36	37
316	317	323	Max	12.50	232.05	37	108.95	41	-177.31	37	1050.26	41	-416.06	37	17.59	41
316	317	323	Max	185.43					-21.25	41			387.32	41		
316	317	323	Max	397.50	232.05	37	108.95	41	209.80	41	-942.52	37	-701.66	37	17.59	41
316	317	323	Min.	12.50	179.83	41	91.94	37	-209.65	41	794.15	37	-520.77	41	12.95	37
316	317	323	Min.	188.55												

316	317	323	Min.	397.50	179.83	41	91.94	37	176.65	37	-1288.00	41	-978.42	41	12.95	37
316	323	329	Max	12.50	-1.12	37	51.83	41	-122.17	37	1687.36	41	-1116.27	37	7.54	41
316	323	329	Max	290.33					-1.06	41			861.31	41		
316	323	329	Max	577.50	-1.12	37	51.83	41	147.80	41	-1290.21	37	-1206.13	37	7.54	41
316	323	329	Min.	12.50	-85.10	41	43.68	37	-145.07	41	1258.40	37	-1482.69	41	5.54	37
316	323	329	Min.	291.47					-0.31	37			639.04	37		
316	323	329	Min.	577.50	-85.10	41	43.68	37	124.63	37	-1744.10	41	-1642.97	41	5.54	37
316	329	335	Max	12.50	-169.56	37	40.98	41	-106.92	37	1910.58	41	-1462.69	37	-9.82	37
316	329	335	Max	327.08					4.96	41			1073.98	41		
316	329	335	Max	577.50	-169.56	37	40.98	41	107.56	41	-1118.74	37	-583.76	37	-9.82	37
316	329	335	Min.	12.50	-267.57	41	35.83	37	-123.94	41	1429.87	37	-1931.17	41	-21.47	41
316	329	335	Min.	329.49					6.66	37			803.55	37		
316	329	335	Min.	577.50	-267.57	41	35.83	37	95.52	37	-1520.89	41	-830.31	41	-21.47	41
317	-153	-151	Max	0.00	-87.85	37	4.72	41	-6.84	37	718.61	41	0.00	33	0.94	41
317	-153	-151	Max	205.00					1.76	41			736.57	41		
317	-153	-151	Max	410.00	-87.85	37	4.72	41	11.44	41	-484.60	37	0.00	41	0.94	41
317	-153	-151	Min.	0.00	-103.68	41	4.07	37	-7.93	41	484.60	37	0.00	33	0.76	37
317	-153	-151	Min.	205.00					1.51	37			496.72	37		
317	-153	-151	Min.	410.00	-103.68	41	4.07	37	9.85	37	-718.61	41	0.00	37	0.76	37
317	-151	-145	Max	0.00	-12.96	37	7.35	41	-13.04	37	718.61	41	0.00	33	0.14	41
317	-151	-145	Max	205.00					0.02	41			736.57	41		
317	-151	-145	Max	410.00	-12.96	37	7.35	41	15.08	41	-484.60	37	0.00	41	0.14	41
317	-151	-145	Min.	0.00	-16.66	41	6.37	37	-15.05	41	484.60	37	0.00	33	0.09	37
317	-151	-145	Min.	205.00					0.01	37			496.72	37		
317	-151	-145	Min.	410.00	-16.66	41	6.37	37	13.06	37	-718.61	41	0.00	37	0.09	37
317	-145	-143	Max	0.00	27.41	41	4.57	41	-11.79	37	1048.75	41	0.00	33	0.14	41
317	-145	-143	Max	295.00					-0.13	41			1546.91	41		
317	-145	-143	Max	590.00	27.41	41	4.57	41	13.34	41	-710.06	37	0.00	37	0.14	41
317	-145	-143	Min.	0.00	25.56	37	3.96	37	-13.60	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	25.56	37	3.96	37	11.58	37	-1048.75	41	-0.00	33	0.09	37
317	-143	-141	Max	0.00	41.48	41	3.92	41	-10.59	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	41.48	41	3.92	41	10.98	41	-710.06	37	0.00	41	-0.43	37
317	-143	-141	Min.	0.00	36.74	37	3.43	37	-12.17	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	36.74	37	3.43	37	9.67	37	-1048.75	41	0.00	37	-0.58	41
318	-154	-152	Max	0.00	113.87	41	4.03	41	-6.00	37	711.45	41	0.00	33	0.08	37
318	-154	-152	Max	205.00					1.38	41			729.24	41		
318	-154	-152	Max	410.00	113.87	41	4.03	41	9.63	41	-479.84	37	0.00	41	0.08	37
318	-154	-152	Min.	0.00	97.32	37	3.51	37	-6.87	41	479.85	37	0.00	33	-0.02	41
318	-154	-152	Min.	205.00					1.19	37			491.84	37		
318	-154	-152	Min.	410.00	97.32	37	3.51	37	8.38	37	-711.45	41	0.00	33	-0.02	41
318	-152	-146	Max	0.00	29.39	41	6.21	41	-11.06	37	711.45	41	0.00	33	-0.18	37
318	-152	-146	Max	205.00					0.02	41			729.24	41		
318	-152	-146	Max	410.00	29.39	41	6.21	41	12.76	41	-479.84	37	0.00	41	-0.18	37
318	-152	-146	Min.	0.00	24.43	37	5.40	37	-12.72	41	479.85	37	0.00	33	-0.26	41
318	-152	-146	Min.	205.00					0.01	37			491.84	37		
318	-152	-146	Min.	410.00	24.43	37	5.40	37	11.07	37	-711.45	41	0.00	33	-0.26	41
318	-146	-144	Max	0.00	-8.95	37	3.89	41	-10.05	37	1038.45	41	0.00	33	-0.13	37
318	-146	-144	Max	295.00					-0.09	41			1531.71	41		
318	-146	-144	Max	590.00	-8.95	37	3.89	41	11.39	41	-703.21	37	0.00	41	-0.13	37
318	-146	-144	Min.	0.00	-12.51	41	3.38	37	-11.57	41	703.21	37	0.00	33	-0.20	41
318	-146	-144	Min.	295.00					-0.07	37			1037.23	37		
318	-146	-144	Min.	590.00	-12.51	41	3.38	37	9.91	37	-1038.45	41	0.00	33	-0.20	41
318	-144	-142	Max	0.00	-38.22	37	3.40	41	-9.24	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	-38.22	37	3.40	41	9.49	41	-703.21	37	0.01	41	0.66	41
318	-144	-142	Min.	0.00	-49.38	41	2.99	37	-10.58	41	703.21	37	0.00	33	0.43	37
318	-144	-142	Min.	295.00					-0.42	37			1037.24	37		
318	-144	-142	Min.	590.00	-49.38	41	2.99	37	8.40	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	-316.46	41	1104.96	37	885.83	41
501	1	2	Max	237.65									9.50	33		
501	1	2	Max	416.50	0.00	33	0.00	33	0.00	33	553.60	41	486.16	41	885.83	41
501	1	2	Min.	12.50	0.00	33	0.00	33	0.00	33	-538.59	37	413.78	41	778.54	37
501	1	2	Min.	228.87									4.50	41		
501	1	2	Min.	416.50	0.00	33	0.00	33	0.00	33	207.39	37	83.69	37	778.54	37
501	2	3	Max	12.50	0.00	33	0.00	33	0.00	33	-798.60	33	892.54	37	190.88	41
501	2	3	Max	227.59									-18.64	41		
501	2	3	Max	337.50	0.00	33	0.00	33	0.00	33	428.62	41	217.05	41	190.88	41
501	2	3	Min.	12.50	0.00	33	0.00	33	0.00	33	-831.54	41	843.89	33	173.80	37
501	2	3	Min.	263.54									-121.20	37		
501	2	3	Min.	337.50	0.00	33	0.00	33	0.00	33	237.20	37	-33.63	37	173.80	37
501	3	4	Max	12.50	0.00	33	0.00	33	0.00	33	-907.91	33	948.47	37	-71.60	37
501	3	4	Max	286.78									-390.89	33		
501	3	4	Max	428.50	0.00	33	0.00	33	0.00	33	461.69	41	-74.13	41	-71.60	37
501	3	4	Min.	12.50	0.00	33	0.00	33	0.00	33	-941.05	41	800.98	33	-80.97	41
501	3	4	Min.	338.65									-452.60	37		
501	3	4	Min.	428.50	0.00	33	0.00	33	0.00	33	225.67	37	-352.50	37	-80.97	41
501	4	5	Max	12.50	0.00	33	0.00	33	0.00	33	-535.13	33	603.85	37	-42.20	37
501	4	5	Max	169.78									59.69	41		
501	4	5	Max	337.50	0.00	33	0.00	33	0.00	33	602.70	41	567.14	41	-42.20	37
501	4	5	Min.	12.50	0.00	33	0.00	33	0.00	33	-559.99	37	481.35	33	-76.99	41
501	4	5	Min.	171.17									53.12	33		
501	4	5	Min.	337.50	0.00	33	0.00	33	0.00	33	379.62	37	303.67	37	-76.99	41
501	5	6	Max	12.50	0.00	33	0.00	33	0.00	33	-1069.81	33	1388.33	37	-731.73	37
501	5	6	Max	416.50	0.00	33	0.00	33	0.00	33	-307.96	33	-1165.19	33	-731.73	37
501	5	6	Min.	12.50	0.00	33	0.00	33	0.00	33	-1124.74	37	1246.32	33	-848.08	41
501	5	6	Min.	416.50	0.00	33	0.00	33	0.00	33	-522.90	37	-1594.99	37	-848.08	41
506	31	32	Max	12.50	0.00	33	0.00	33	0.00	33	208.25	41	1117.81	37	-129.89	37

506	31	32	Max	416.50	0.00	33	0.00	33	0.00	33	-456.39	33	-402.83	33	-129.89	37
506	31	32	Min.	12.50	0.00	33	0.00	33	0.00	33	-112.16	37	280.08	41	-172.31	41
506	31	32	Min.	416.50	0.00	33	0.00	33	0.00	33	-765.66	37	-743.73	37	-172.31	41
506	32	33	Max	12.50	0.00	33	0.00	33	0.00	33	218.05	41	246.81	41	-10.43	37
506	32	33	Max	337.50	0.00	33	0.00	33	0.00	33	-250.35	33	238.77	41	-10.43	37
506	32	33	Min.	12.50	0.00	33	0.00	33	0.00	33	172.90	33	208.85	37	-31.86	41
506	32	33	Min.	337.50	0.00	33	0.00	33	0.00	33	-372.86	37	-20.19	37	-31.86	41
506	33	-6	Max	12.50	0.00	33	0.00	33	0.00	33	-676.41	37	680.63	37	29.42	41
506	33	-6	Max	220.50	0.00	33	0.00	33	0.00	33	-1328.14	37	-1354.01	37	29.42	41
506	33	-6	Min.	12.50	0.00	33	0.00	33	0.00	33	-817.87	41	607.17	37	14.81	37
506	33	-6	Min.	220.50	0.00	33	0.00	33	0.00	33	-1511.53	41	-1707.85	41	14.81	37
506	-6	34	Max	0.00	0.00	33	0.00	33	0.00	33	1304.01	41	-1341.09	37	-28.91	37
506	-6	34	Max	208.00	0.00	33	0.00	33	0.00	33	588.16	41	210.04	41	-28.91	37
506	-6	34	Min.	0.00	0.00	33	0.00	33	0.00	33	980.73	37	-1700.16	41	-51.54	41
506	-6	34	Min.	208.00	0.00	33	0.00	33	0.00	33	291.62	37	-60.92	37	-51.54	41
506	34	35	Max	12.50	0.00	33	0.00	33	0.00	33	60.61	41	651.75	37	47.46	41
506	34	35	Max	337.50	0.00	33	0.00	33	0.00	33	-398.15	33	-40.48	41	47.46	41
506	34	35	Min.	12.50	0.00	33	0.00	33	0.00	33	22.24	37	594.91	33	29.74	37
506	34	35	Min.	337.50	0.00	33	0.00	33	0.00	33	-562.77	37	-268.73	37	29.74	37
506	35	36	Max	12.50	0.00	33	0.00	33	0.00	33	-36.74	41	417.65	37	156.90	41
506	35	36	Max	416.50	0.00	33	0.00	33	0.00	33	-820.18	33	-1379.34	33	156.90	41
506	35	36	Min.	12.50	0.00	33	0.00	33	0.00	33	-111.20	37	278.55	41	98.58	37
506	35	36	Min.	416.50	0.00	33	0.00	33	0.00	33	-1015.80	37	-1758.32	37	98.58	37
507	1	7	Max	17.50	0.00	33	0.00	33	0.00	33	663.46	41	-1632.73	37	195.99	37
507	1	7	Max	617.50	0.00	33	0.00	33	0.00	33	202.34	41	119.83	33	195.99	37
507	1	7	Min.	17.50	0.00	33	0.00	33	0.00	33	594.89	33	-1923.00	41	20.87	41
507	1	7	Min.	617.50	0.00	33	0.00	33	0.00	33	73.86	37	-8.59	37	20.87	41
507	7	13	Max	17.50	0.00	33	0.00	33	0.00	33	-872.82	37	2232.09	41	55.47	37
507	7	13	Max	397.50	0.00	33	0.00	33	0.00	33	-852.25	33	-1077.17	33	55.47	37
507	7	13	Min.	17.50	0.00	33	0.00	33	0.00	33	-1074.50	41	1900.96	37	-42.43	41
507	7	13	Min.	397.50	0.00	33	0.00	33	0.00	33	-943.70	41	-1183.98	41	-42.43	41
507	13	19	Max	12.50	0.00	33	0.00	33	0.00	33	584.97	41	-824.21	37	-16.80	37
507	13	19	Max	397.50	0.00	33	0.00	33	0.00	33	-92.73	33	-70.54	33	-16.80	37
507	13	19	Min.	12.50	0.00	33	0.00	33	0.00	33	519.89	33	-943.36	41	-52.29	41
507	13	19	Min.	397.50	0.00	33	0.00	33	0.00	33	-199.11	37	-173.89	37	-52.29	41
507	19	25	Max	12.50	0.00	33	0.00	33	0.00	33	325.38	37	-125.14	33	-23.44	41
507	19	25	Max	577.50	0.00	33	0.00	33	0.00	33	-177.08	33	-108.61	33	-23.44	41
507	19	25	Min.	12.50	0.00	33	0.00	33	0.00	33	234.48	33	-185.04	37	-54.26	37
507	19	25	Min.	577.50	0.00	33	0.00	33	0.00	33	-311.39	37	-261.15	37	-54.26	37
507	25	31	Max	12.50	0.00	33	0.00	33	0.00	33	291.95	37	15.44	33	28.60	41
507	25	31	Max	577.50	0.00	33	0.00	33	0.00	33	-588.72	33	-670.14	37	28.60	41
507	25	31	Min.	12.50	0.00	33	0.00	33	0.00	33	163.91	33	-107.92	37	-197.50	37
507	25	31	Min.	577.50	0.00	33	0.00	33	0.00	33	-662.73	37	-761.68	41	-197.50	37
519	6	12	Max	17.50	0.00	33	0.00	33	0.00	33	591.83	41	-1717.74	37	397.57	37
519	6	12	Max	617.50	0.00	33	0.00	33	0.00	33	292.06	41	245.39	33	397.57	37
519	6	12	Min.	17.50	0.00	33	0.00	33	0.00	33	517.45	37	-1965.62	41	320.64	33
519	6	12	Min.	617.50	0.00	33	0.00	33	0.00	33	224.04	37	204.08	37	320.64	33
519	12	18	Max	17.50	0.00	33	0.00	33	0.00	33	-841.98	37	2166.54	41	180.92	41
519	12	18	Max	397.50	0.00	33	0.00	33	0.00	33	-815.46	33	-1001.02	37	180.92	41
519	12	18	Min.	17.50	0.00	33	0.00	33	0.00	33	-1057.11	41	1789.00	37	169.46	33
519	12	18	Min.	397.50	0.00	33	0.00	33	0.00	33	-906.89	41	-1137.64	41	169.46	33
519	18	24	Max	12.50	0.00	33	0.00	33	0.00	33	612.62	41	-907.41	33	82.93	41
519	18	24	Max	397.50	0.00	33	0.00	33	0.00	33	-61.92	33	-14.82	33	82.93	41
519	18	24	Min.	12.50	0.00	33	0.00	33	0.00	33	547.60	33	-998.12	41	67.94	37
519	18	24	Min.	397.50	0.00	33	0.00	33	0.00	33	-147.34	37	-79.53	37	67.94	37
519	24	30	Max	12.50	0.00	33	0.00	33	0.00	33	351.89	37	-167.68	33	-46.52	33
519	24	30	Max	577.50	0.00	33	0.00	33	0.00	33	-154.12	33	-63.19	33	-46.52	33
519	24	30	Min.	12.50	0.00	33	0.00	33	0.00	33	249.74	33	-257.85	37	-65.22	37
519	24	30	Min.	577.50	0.00	33	0.00	33	0.00	33	-273.16	37	-184.82	37	-65.22	37
519	30	36	Max	12.50	0.00	33	0.00	33	0.00	33	292.43	37	-48.39	33	-411.17	33
519	30	36	Max	577.50	0.00	33	0.00	33	0.00	33	-456.57	37	-447.18	37	-411.17	33
519	30	36	Min.	12.50	0.00	33	0.00	33	0.00	33	163.48	33	-216.39	37	-478.82	37
519	30	36	Min.	577.50	0.00	33	0.00	33	0.00	33	-535.84	41	-629.87	41	-478.82	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	-4523.02	38	1328.73	42	-625.89	38	870.36	38	-268.02	42	-3.10	42
1	1	101	Max	198.32					1568.53	38			216.47	38		
1	1	101	Max	310.50	-3880.99	38	1328.73	42	3216.49	42	-391.50	34	-85.53	38	-3.10	42
1	1	101	Min.	17.00	-4890.02	42	1210.22	38	-683.32	42	452.49	42	-572.62	38	-5.25	38
1	1	101	Min.	174.12					1404.32	42			87.45	42		
1	1	101	Min.	310.50	-4247.99	42	1210.22	38	2926.10	38	-538.44	38	-180.40	42	-5.25	38
2	2	302	Max	17.00	-7847.01	38	2272.83	42	-457.09	38	348.71	38	-286.85	42	-3.10	42
2	2	302	Max	310.50	-7204.98	38	2272.83	42	6171.33	42	348.71	38	466.62	38	-3.10	42
2	2	302	Min.	17.00	-8517.28	42	2081.82	38	-499.43	42	187.62	42	-556.83	38	-5.25	38
2	2	302	Min.	310.50	-7875.25	42	2081.82	38	5653.04	38	187.62	42	263.80	42	-5.25	38
3	3	403	Max	17.00	-8116.70	38	2228.85	42	-254.72	38	386.01	38	-399.37	34	-3.10	42
3	3	403	Max	310.50	-7474.67	38	2228.85	42	6266.79	42	386.01	38	486.71	38	-3.10	42
3	3	403	Min.	17.00	-8715.28	42	2044.73	38	-274.90	42	231.20	34	-646.24	38	-5.25	38
3	3	403	Min.	310.50	-8073.25	42	2044.73	38	5746.56	38	231.20	34	279.19	34	-5.25	38
4	4	404	Max	17.00	-7446.44	38	1938.31	42	-96.22	38	403.87	38	-369.50	42	-3.10	42
4	4	404	Max	310.50	-6804.41	38	1938.31	42	5575.73	42	403.87	38	561.93	38	-3.10	42
4	4	404	Min.	17.00	-8100.99	42	1758.08	38	-113.22	42	246.98	42	-623.41	38	-5.25	38
4	4	404	Min.	310.50	-7458.96	42	1758.08	38	5063.73	38	246.98	42	355.38	42	-5.25	38
5	5	305	Max	17.00	-8036.68	38	2290.66	42	-519.02	38	416.59	38	-460.67	34	-3.10	42
5	5	305	Max	310.50	-7394.65	38	2290.66	42	6173.24	42	416.59	38	516.72	38	-3.10	42
5	5	305	Min.	17.00	-8624.05	42	2111.65	38	-549.85	42	265.69	34	-705.98	38	-5.25	38
5	5	305	Min.	310.50	-7982.02	42	2111.65	38	5678.67	38	265.69	34	319.14	34	-5.25	38

6	6	106	Max	17.00	-4732.53	38	1365.71	42	-715.68	38	797.71	38	-544.25	34	-3.10	42
6	6	106	Max	310.50	-4090.50	38	1365.71	42	3271.10	42	126.86	42	529.37	38	-3.10	42
6	6	106	Min.	17.00	-5016.01	42	1272.73	38	-737.25	42	548.24	34	-778.21	38	-5.25	38
6	6	106	Min.	310.50	-4373.98	42	1272.73	38	3019.80	38	93.31	38	444.61	34	-5.25	38
7	7	107	Max	17.00	-5867.19	38	-1386.97	38	1317.05	42	621.26	38	-68.42	42	-3.10	42
7	7	107	Max	146.43					-512.45	38			233.71	38		
7	7	107	Max	310.53	-5225.09	38	-1386.97	38	-2788.47	38	-579.79	34	-412.59	38	-3.10	42
7	7	107	Min.	17.00	-6518.06	42	-1464.16	42	1282.71	38	258.02	42	-168.35	38	-5.25	38
7	7	107	Min.	106.59					5.28	42			47.16	42		
7	7	107	Min.	310.53	-5875.96	42	-1464.16	42	-2980.70	42	-787.68	38	-551.75	42	-5.25	38
8	8	-155	Max	0.00	-10163.50	38	-2070.00	38	529.80	42	150.16	38	-87.68	34	-3.01	42
8	8	-155	Max	305.50	-9495.19	38	-2070.00	38	-5827.74	38	150.16	38	306.75	38	-3.01	42
8	8	-155	Min.	0.00	-11168.20	42	-2224.08	42	496.12	38	80.40	34	-151.99	38	-5.09	38
8	8	-155	Min.	305.50	-10499.90	42	-2224.08	42	-6264.77	42	80.40	34	157.95	34	-5.09	38
8	-155	308	Max	17.50	-1751.28	38	-99.90	38	379.95	42	729.19	42	372.81	38	22.01	38
8	-155	308	Max	17.58	-1751.12	38	-99.90	38	379.87	42	729.18	42	372.97	38	22.01	38
8	-155	308	Min.	17.50	-2145.24	42	-106.12	34	337.66	38	200.62	38	289.39	34	18.98	34
8	-155	308	Min.	17.58	-2145.08	42	-106.12	34	337.58	38	200.61	38	289.90	34	18.98	34
9	9	-15	Max	0.00	-10521.80	38	-2048.07	38	523.51	42	180.46	38	-99.98	34	-3.01	42
9	9	-15	Max	305.50	-9853.55	38	-2048.06	38	-5770.31	38	180.46	38	387.88	38	-3.01	42
9	9	-15	Min.	0.00	-11514.90	42	-2208.43	42	486.53	38	113.04	34	-163.41	38	-5.09	38
9	9	-15	Min.	305.50	-10846.60	42	-2208.43	42	-6223.26	42	113.04	34	245.36	34	-5.09	38
9	-15	409	Max	17.50	-1999.34	38	-705.23	38	490.30	42	-709.03	34	297.02	38	203.06	42
9	-15	409	Max	42.09	-1945.55	38	-705.22	38	311.12	42	-709.02	34	94.77	38	203.06	42
9	-15	409	Min.	17.50	-2366.93	42	-728.74	42	445.82	38	-822.57	38	157.93	42	192.62	38
9	-15	409	Min.	42.09	-2313.15	42	-728.73	42	272.42	38	-822.55	38	-20.91	42	192.62	38
10	10	-16	Max	0.00	-9024.83	38	-1735.93	38	449.28	42	156.36	38	-88.63	42	-3.01	42
10	10	-16	Max	305.50	-8356.55	38	-1735.93	38	-4894.55	38	156.36	38	323.35	38	-3.01	42
10	10	-16	Min.	0.00	-10075.30	42	-1901.71	42	408.71	38	82.94	42	-154.33	38	-5.09	38
10	10	-16	Min.	305.50	-9407.02	42	-1901.71	42	-5360.45	42	82.94	42	164.74	42	-5.09	38
10	-16	410	Max	17.50	-2046.63	38	-108.21	38	128.58	42	444.78	42	375.85	38	-126.81	38
10	-16	410	Max	42.09	-1992.85	38	-108.21	38	99.27	42	444.77	42	414.96	38	-126.81	38
10	-16	410	Min.	17.50	-2469.13	42	-119.22	42	88.72	38	159.05	38	246.57	34	-141.67	42
10	-16	410	Min.	42.09	-2415.34	42	-119.22	42	62.11	38	159.05	38	351.43	34	-141.67	42
11	11	-7	Max	0.00	-10018.80	38	-2014.09	38	510.96	42	200.22	38	-105.98	42	-3.01	42
11	11	-7	Max	305.50	-9350.49	38	-2014.09	38	-5684.59	38	200.22	38	440.81	38	-3.01	42
11	11	-7	Min.	0.00	-11048.70	42	-2180.31	42	468.45	38	128.97	42	-170.87	38	-5.09	38
11	11	-7	Min.	305.50	-10380.40	42	-2180.31	42	-6149.88	42	128.97	42	288.01	42	-5.09	38
11	-7	311	Max	17.50	-1621.59	38	-345.70	42	458.93	42	-1828.24	34	173.65	38	-69.09	38
11	-7	311	Max	17.58	-1621.43	38	-345.70	42	458.67	42	-1828.24	34	172.22	38	-69.09	38
11	-7	311	Min.	17.50	-2032.99	42	-367.54	38	418.68	38	-1897.38	38	6.28	42	-73.39	42
11	-7	311	Min.	17.58	-2032.83	42	-367.55	38	418.40	38	-1897.38	38	4.87	42	-73.39	42
12	12	112	Max	17.00	-6109.15	38	-1256.30	38	1185.26	42	671.30	38	-202.28	34	-3.10	42
12	12	112	Max	296.71					-2455.03	38			655.74	38		
12	12	112	Max	310.53	-5467.05	38	-1256.30	38	-2628.66	38	95.61	42	697.82	42	-3.10	42
12	12	112	Min.	17.00	-6665.66	42	-1387.22	42	1058.95	38	510.72	34	-283.11	38	-5.25	38
12	12	112	Min.	296.71					-2455.03	38			655.74	38		
12	12	112	Min.	310.53	-6023.56	42	-1387.22	42	-2886.65	42	-33.17	38	653.45	38	-5.25	38
13	13	113	Max	17.00	-2169.32	38	-51.52	42	161.46	38	587.69	38	-29.27	42	-1.49	42
13	13	113	Max	139.44					79.14	38			212.85	38		
13	13	113	Max	310.53	-1710.67	38	-51.52	42	-9.26	42	-629.30	34	-489.72	38	-1.49	42
13	13	113	Min.	17.00	-2577.06	42	-67.23	38	141.19	34	202.25	42	-146.92	38	-2.52	38
13	13	113	Min.	87.22					105.78	42			41.74	42		
13	13	113	Min.	310.53	-2118.42	42	-67.23	38	-35.89	38	-821.26	38	-676.32	42	-2.52	38
14	14	314	Max	0.00	-3476.00	38	114.34	42	-82.72	38	176.37	38	-124.08	34	-19.63	38
14	14	314	Max	340.58	-2943.85	38	114.34	42	291.32	42	176.37	38	432.13	38	-19.63	38
14	14	314	Min.	0.00	-4324.28	42	94.33	38	-98.10	42	150.29	34	-168.55	38	-20.53	42
14	14	314	Min.	340.58	-3792.13	42	94.33	38	238.55	38	150.29	34	387.77	34	-20.53	42
15	15	415	Max	0.00	-3688.40	38	167.82	42	-147.32	38	32.66	38	-28.47	42	-11.42	38
15	15	415	Max	365.09	-3117.95	38	167.82	42	444.63	42	32.66	38	33.72	38	-11.42	38
15	15	415	Min.	0.00	-4390.76	42	142.46	38	-168.05	42	-16.11	42	-85.51	38	-12.24	42
15	15	415	Min.	365.09	-3820.31	42	142.46	38	372.78	38	-16.11	42	-87.30	42	-12.24	42
16	16	416	Max	0.00	-3610.92	38	158.43	42	-136.79	38	167.49	38	-124.63	34	12.58	42
16	16	416	Max	365.09	-3040.47	38	158.43	42	423.27	42	167.49	38	440.07	38	12.58	42
16	16	416	Min.	0.00	-4338.12	42	134.74	38	-155.13	42	134.38	34	-171.40	38	10.42	38
16	16	416	Min.	365.09	-3767.67	42	134.74	38	355.14	38	134.38	34	365.99	34	10.42	38
17	17	317	Max	0.00	-3615.52	38	121.68	42	-98.12	38	45.04	38	-36.71	42	15.71	42
17	17	317	Max	340.58	-3083.37	38	121.68	42	307.51	42	45.04	38	51.09	38	15.71	42
17	17	317	Min.	0.00	-4405.27	42	106.57	38	-106.92	42	-21.01	42	-102.32	38	13.32	38
17	17	317	Min.	340.58	-3873.12	42	106.57	38	264.85	38	-21.01	42	-108.26	42	13.32	38
18	18	118	Max	17.00	-2196.55	38	5.58	38	74.54	42	659.13	38	-210.02	34	-1.49	42
18	18	118	Max	291.64					62.69	38			644.87	38		
18	18	118	Max	310.53	-1737.91	38	5.58	38	63.75	38	124.08	42	768.97	42	-1.49	42
18	18	118	Min.	17.00	-2594.92	42	-8.61	34	47.36	38	532.90	34	-260.24	38	-2.52	38
18	18	118	Min.	291.64					62.69	38			644.87	38		
18	18	118	Min.	310.53	-2136.28	42	-8.61	34	48.48	34	-45.34	38	640.58	38	-2.52	38
19	19	119	Max	17.00	-2905.63	38	44.82	42	-5.63	38	546.61	38	2.38	42	-1.49	42
19	19	119	Max	130.88					19.71	38			187.12	38		
19	19	119	Max	310.53	-2446.99	38	44.82	42	97.20	42	-686.89	34	-587.49	38	-1.49	42
19	19	119	Min.	17.00	-3455.03	42	22.25	38	-34.35	42	141.05	42	-124.12	38	-2.52	38
19	19	119	Min.	65.98					-12.40	42			36.92	42		
19	19	119	Min.	310.53	-2996.39	42	22.25	38	59.68	38	-862.34	38	-824.30	42	-2.52	38
20	20	320	Max	0.00	-4119.44	38	121.91	42	-86.33	38	197.60	38	-138.14	34	-20.54	38
20	20	320	Max	340.58	-3587.30	38	121.91	42	313.02	42	197.60	38	490.21	38	-20.54	38
20	20	320	Min.	0.00	-5182.66	42	101.10	38	-102.16	42	173.95	34	-182.77	38	-21.32	42
20	20															

22	22	422	Max	0.00	-4444.06	38	158.26	42	-137.97	38	202.97	38	-151.15	34	11.54	42
22	22	422	Max	365.09	-3873.61	38	158.26	42	422.71	42	202.97	38	544.69	38	11.54	42
22	22	422	Min.	0.00	-5434.71	42	136.67	38	-155.09	42	174.30	34	-196.31	38	9.35	38
22	22	422	Min.	365.09	-4864.26	42	136.67	38	360.99	38	174.30	34	485.20	34	9.35	38
23	23	323	Max	0.00	-4249.14	38	129.50	42	-102.08	38	34.22	38	-29.38	42	15.75	42
23	23	323	Max	340.58	-3716.99	38	129.50	42	330.15	42	34.22	38	16.23	38	15.75	42
23	23	323	Min.	0.00	-5259.35	42	114.44	38	-110.91	42	-39.45	42	-100.30	38	13.19	38
23	23	323	Min.	340.58	-4727.20	42	114.44	38	287.68	38	-39.45	42	-163.74	42	13.19	38
24	24	124	Max	17.00	-2924.52	38	90.31	38	-97.54	34	711.84	38	-244.88	34	-1.49	42
24	24	124	Max	310.53	-2465.88	38	90.31	38	149.91	38	192.32	42	932.79	42	-1.49	42
24	24	124	Min.	17.00	-3467.77	42	82.98	34	-115.20	38	597.50	34	-291.24	38	-2.52	38
24	24	124	Min.	310.53	-3009.12	42	82.98	34	146.03	34	7.36	38	764.30	38	-2.52	38
25	25	125	Max	17.00	-3275.96	38	-38.72	34	96.16	38	541.62	38	21.25	42	-1.49	42
25	25	125	Max	129.84					36.76	38			138.60	38		
25	25	125	Max	310.53	-2817.32	38	-38.72	34	-36.55	42	-725.87	34	-645.00	38	-1.49	42
25	25	125	Min.	17.00	-3946.03	42	-52.64	38	76.84	34	98.26	42	-166.98	38	-2.52	38
25	25	125	Min.	58.49					60.78	34			34.96	34		
25	25	125	Min.	310.53	-3487.39	42	-52.64	38	-58.37	38	-867.32	38	-931.03	42	-2.52	38
26	26	326	Max	0.00	-4738.66	38	73.44	42	-66.74	38	216.20	38	-149.95	34	-21.82	38
26	26	326	Max	340.58	-4206.51	38	73.44	42	173.47	42	216.20	38	539.28	38	-21.82	38
26	26	326	Min.	0.00	-5985.01	42	63.88	38	-76.65	42	191.71	34	-197.06	38	-22.62	42
26	26	326	Min.	340.58	-5452.86	42	63.88	38	150.81	38	191.71	34	502.97	34	-22.62	42
27	27	427	Max	0.00	-5246.27	38	121.48	42	-126.33	38	-6.67	38	1.61	42	-11.93	38
27	27	427	Max	365.09	-4675.83	38	121.48	42	303.49	42	-6.67	38	-92.28	38	-11.93	38
27	27	427	Min.	0.00	-6408.65	42	108.11	38	-140.03	42	-70.72	42	-67.94	38	-12.50	42
27	27	427	Min.	365.09	-5838.20	42	108.11	38	268.37	38	-70.72	42	-256.58	42	-12.50	42
28	28	428	Max	0.00	-5177.16	38	112.13	42	-116.81	38	227.09	38	-169.26	34	12.50	42
28	28	428	Max	365.09	-4606.71	38	112.13	42	281.35	42	227.09	38	613.31	38	12.50	42
28	28	428	Min.	0.00	-6367.08	42	100.61	38	-128.01	42	198.97	34	-215.76	38	10.27	38
28	28	428	Min.	365.09	-5796.63	42	100.61	38	250.52	38	198.97	34	557.16	34	10.27	38
29	29	329	Max	0.00	-4855.50	38	79.98	42	-81.46	38	33.14	38	-28.54	42	16.76	42
29	29	329	Max	340.58	-4323.35	38	79.98	42	187.76	42	33.14	38	7.77	38	16.76	42
29	29	329	Min.	0.00	-6052.90	42	75.70	38	-84.64	42	-47.48	42	-105.09	38	14.19	38
29	29	329	Min.	340.58	-5520.75	42	75.70	38	176.35	38	-47.48	42	-190.26	42	14.19	38
30	30	130	Max	17.00	-3346.77	38	20.74	38	9.39	42	801.60	38	-372.97	34	-1.49	42
30	30	130	Max	310.53	-2888.13	38	20.74	38	40.86	38	286.00	42	1075.78	42	-1.49	42
30	30	130	Min.	17.00	-3989.92	42	4.30	42	-20.01	38	687.37	34	-436.99	38	-2.52	38
30	30	130	Min.	310.53	-3531.28	42	4.30	42	21.81	34	97.12	38	882.02	38	-2.52	38
31	31	231	Max	17.00	-1932.26	38	-325.38	38	386.41	42	792.17	38	-175.81	42	-1.49	42
31	31	231	Max	182.03					-151.20	38			105.72	38		
31	31	231	Max	310.53	-1473.62	38	-325.38	38	-569.30	38	-523.86	34	-290.55	38	-1.49	42
31	31	231	Min.	17.00	-2245.91	42	-348.11	42	381.10	34	308.44	42	-547.97	38	-2.52	38
31	31	231	Min.	124.10					13.59	42			-10.65	42		
31	31	231	Min.	310.53	-1787.27	42	-348.11	42	-635.41	42	-616.78	38	-511.16	42	-2.52	38
32	32	332	Max	17.00	-2680.60	38	-188.96	38	103.72	42	397.90	38	-425.45	34	-18.05	34
32	32	332	Max	340.58	-2175.02	38	-188.96	38	-524.63	38	397.90	38	656.09	38	-18.05	34
32	32	332	Min.	17.00	-3305.16	42	-238.01	42	86.80	38	291.62	34	-631.42	38	-18.92	38
32	32	332	Min.	340.58	-2799.58	42	-238.01	42	-666.42	42	291.62	34	518.17	34	-18.92	38
33	33	433	Max	17.00	-2911.06	38	-177.29	38	58.47	42	222.79	38	-297.45	34	4.01	42
33	33	433	Max	365.09	-2367.17	38	-177.29	38	-593.06	38	222.79	38	291.71	38	4.01	42
33	33	433	Min.	17.00	-3393.73	42	-242.94	42	24.05	38	115.39	42	-483.81	38	0.79	38
33	33	433	Min.	365.09	-2849.84	42	-242.94	42	-787.19	42	115.39	42	103.79	42	0.79	38
34	34	434	Max	17.00	-2805.40	38	-189.47	38	84.91	42	287.74	38	-264.55	42	-2.33	38
34	34	434	Max	365.09	-2261.51	38	-189.47	38	-612.91	38	287.74	38	546.93	38	-2.33	38
34	34	434	Min.	17.00	-3332.93	42	-257.12	42	46.62	38	189.66	34	-454.64	38	-3.81	42
34	34	434	Min.	365.09	-2789.05	42	-257.12	42	-810.10	42	189.65	34	395.08	34	-3.81	42
35	35	335	Max	17.00	-2844.30	38	-172.88	38	84.18	42	224.61	38	-228.37	42	11.10	42
35	35	335	Max	340.58	-2338.71	38	-172.88	38	-506.29	38	224.61	38	262.88	38	11.10	42
35	35	335	Min.	17.00	-3402.36	42	-229.18	42	53.11	38	77.71	42	-463.89	38	10.01	38
35	35	335	Min.	340.58	-2896.78	42	-229.18	42	-657.39	42	77.71	42	23.10	42	10.01	38
36	36	136	Max	17.00	-2015.55	38	-256.32	38	310.36	42	910.64	38	-667.76	34	-1.49	42
36	36	136	Max	310.53	-1556.90	38	-256.32	38	-492.31	38	290.89	42	795.83	42	-1.49	42
36	36	136	Min.	17.00	-2296.91	42	-305.83	42	260.07	38	700.49	34	-875.84	38	-2.52	38
36	36	136	Min.	310.53	-1838.27	42	-305.83	42	-587.34	42	206.17	38	763.25	38	-2.52	38
101	101	302	Max	12.50	0.00	38	0.00	34	0.00	34	295.19	42	-98.23	38	-166.04	38
101	101	302	Max	201.42									132.01	42		
101	101	302	Max	416.50	0.00	38	0.00	34	0.00	34	-336.06	42	-229.38	42	-166.04	38
101	101	302	Min.	12.50	0.00	34	0.00	34	0.00	34	264.24	38	-146.84	42	-181.16	42
101	101	302	Min.	181.62									125.21	38		
101	101	302	Min.	416.50	0.00	34	0.00	34	0.00	34	-367.01	38	-305.81	38	-181.16	42
101	302	403	Max	12.50	0.00	34	0.00	34	0.00	34	142.51	42	162.25	38	-12.20	38
101	302	403	Max	55.52									176.71	38		
101	302	403	Max	337.50	0.00	34	0.00	34	0.00	34	-365.30	42	-325.80	42	-12.20	38
101	302	403	Min.	12.50	0.00	34	0.00	34	0.00	34	67.22	38	36.22	42	-14.21	42
101	302	403	Min.	103.71									101.22	42		
101	302	403	Min.	337.50	0.00	34	0.00	34	0.00	34	-440.60	38	-444.49	38	-14.21	42
101	403	-8	Max	12.50	0.00	42	0.00	42	0.00	42	249.64	42	39.64	38	37.42	38
101	403	-8	Max	144.33									175.42	38		
101	403	-8	Max	220.50	0.00	42	0.00	42	0.00	42	-75.36	42	130.93	42	37.42	38
101	403	-8	Min.	12.50	0.00	38	0.00	34	0.00	34	205.99	38	-50.39	34	36.80	42
101	403	-8	Min.	172.26									149.01	34		
101	403	-8	Min.	220.50	0.00	38	0.00	34	0.00	34	-119.01	38	130.10	38	36.80	42
101	-8	404	Max	0.00	0.00	34	0.00	38	0.00	34	-75.36	42	130.93	42	37.42	38
101	-8	404	Max	208.00	0.00	34	0.00	38	0.00	38	-400.36	42	-363.83	42	37.42	38
101	-8	404	Min.	0.00	0.00	38	0.00	34	0.00	34	-119.01	38	130.10	38	36.80	42
101	-8	404	Min.	208.00	0.00	38	0.00	34	0.00	34	-444.01	38	-455.45	38	36.80	42

114	-101	-102	Max	0.00	0.00	34	0.00	38	0.00	34	1902.06	42	4232.88	42	9.46	42
114	-101	-102	Max	88.19									5071.62	42		
114	-101	-102	Max	105.83	0.00	34	0.00	38	0.00	38	-346.71	38	5038.06	42	9.46	42
114	-101	-102	Min.	0.00	0.00	38	0.00	34	0.00	38	1726.51	38	3850.41	38	2.70	38
114	-101	-102	Min.	88.13									4611.23	38		
114	-101	-102	Min.	105.83	0.00	38	0.00	34	0.00	34	-380.45	42	4580.55	38	2.70	38
114	-102	-103	Max	0.00	0.00	34	0.00	34	0.00	34	-346.71	38	5038.06	42	9.46	42
114	-102	-103	Max	105.83	0.00	34	0.00	34	0.00	34	-2419.93	38	3427.60	42	9.46	42
114	-102	-103	Min.	0.00	0.00	38	0.00	38	0.00	38	-380.44	42	4580.55	38	2.70	38
114	-102	-103	Min.	105.83	0.00	38	0.00	38	0.00	38	-2662.95	42	3116.54	38	2.70	38
114	-103	-104	Max	0.00	0.00	38	0.00	34	0.00	38	-2419.92	38	3427.61	42	9.46	42
114	-103	-104	Max	105.83	0.00	38	0.00	34	0.00	38	-4493.14	38	-541.62	38	9.46	42
114	-103	-104	Min.	0.00	0.00	34	0.00	34	0.00	34	-2662.94	42	3116.54	38	2.70	38
114	-103	-104	Min.	105.83	0.00	34	0.00	34	0.00	34	-4945.45	42	-598.50	42	2.70	38
114	-104	-16	Max	0.00	0.00	34	0.00	34	0.00	38	-4493.16	38	-541.65	38	9.46	42
114	-104	-16	Max	71.33	0.00	34	0.00	34	0.00	34	-5890.54	38	-4245.17	38	9.46	42
114	-104	-16	Min.	0.00	0.00	38	0.00	38	0.00	34	-4945.46	42	-598.53	42	2.70	38
114	-104	-16	Min.	71.33	0.00	38	0.00	38	0.00	38	-6483.91	42	-4675.01	42	2.70	38
116	305	-105	Max	17.50	0.00	38	0.00	38	0.00	34	6965.19	42	-4991.05	38	-23.23	42
116	305	-105	Max	105.83	0.00	38	0.00	38	0.00	38	5086.08	42	-92.64	42	-23.23	42
116	305	-105	Min.	17.50	0.00	34	0.00	34	0.00	38	6381.16	38	-5415.28	42	-29.84	38
116	305	-105	Min.	105.83	0.00	34	0.00	34	0.00	34	4674.07	38	-108.32	38	-29.84	38
116	-105	-106	Max	0.00	0.00	38	0.00	38	0.00	38	5086.08	42	-92.64	42	-23.23	42
116	-105	-106	Max	122.83	0.00	38	0.00	38	0.00	38	2473.04	42	4549.92	42	-23.23	42
116	-105	-106	Min.	0.00	0.00	34	0.00	34	0.00	34	4674.07	38	-108.32	38	-29.84	38
116	-105	-106	Min.	122.83	0.00	34	0.00	34	0.00	34	2300.26	38	4175.08	38	-29.84	38
116	-106	-107	Max	0.00	0.00	34	0.00	38	0.00	34	2473.03	42	4549.93	42	-23.23	42
116	-106	-107	Max	105.83	0.00	34	0.00	38	0.00	38	254.97	38	5975.86	42	-23.23	42
116	-106	-107	Min.	0.00	0.00	38	0.00	34	0.00	38	2300.25	38	4175.09	38	-29.84	38
116	-106	-107	Min.	105.83	0.00	38	0.00	34	0.00	34	221.64	42	5527.23	38	-29.84	38
116	-107	-108	Max	0.00	0.00	34	0.00	34	0.00	34	-445.02	38	5975.86	42	-23.23	42
116	-107	-108	Max	105.83	0.00	34	0.00	34	0.00	34	-2490.31	38	4278.25	42	-23.23	42
116	-107	-108	Min.	0.00	0.00	38	0.00	38	0.00	38	-478.35	42	5527.22	38	-29.84	38
116	-107	-108	Min.	105.83	0.00	38	0.00	38	0.00	38	-2729.74	42	3973.95	38	-29.84	38
116	-108	-109	Max	0.00	0.00	34	0.00	34	0.00	38	-3190.30	38	4278.26	42	-23.23	42
116	-108	-109	Max	105.83	0.00	34	0.00	34	0.00	38	-5235.58	38	-484.74	38	-23.23	42
116	-108	-109	Min.	0.00	0.00	38	0.00	34	0.00	34	-3429.74	42	3973.95	38	-29.84	38
116	-108	-109	Min.	105.83	0.00	38	0.00	34	0.00	34	-5681.13	42	-542.91	42	-29.84	38
116	-109	-7	Max	0.00	0.00	34	0.00	34	0.00	38	-5935.60	38	-484.78	38	-23.23	42
116	-109	-7	Max	71.33	0.00	34	0.00	34	0.00	34	-7314.15	38	-5210.52	38	-23.23	42
116	-109	-7	Min.	0.00	0.00	38	0.00	38	0.00	34	-6381.14	42	-542.95	42	-29.84	38
116	-109	-7	Min.	71.33	0.00	38	0.00	38	0.00	38	-7898.62	42	-5636.06	42	-29.84	38
119	106	-110	Max	17.50	0.00	34	0.00	38	0.00	34	3702.45	42	-2398.70	38	-57.59	38
119	106	-110	Max	105.83	0.00	34	0.00	38	0.00	38	2580.79	42	181.67	42	-57.59	38
119	106	-110	Min.	17.50	0.00	38	0.00	34	0.00	38	3398.02	38	-2593.43	42	-67.21	42
119	106	-110	Min.	105.83	0.00	38	0.00	34	0.00	34	2371.10	38	149.33	38	-67.21	42
119	-110	-111	Max	0.00	0.00	34	0.00	38	0.00	34	2580.79	42	181.67	42	-57.59	38
119	-110	-111	Max	122.83	0.00	34	0.00	38	0.00	38	1021.05	42	2393.80	42	-57.59	38
119	-110	-111	Min.	0.00	0.00	34	0.00	34	0.00	34	2371.10	38	149.33	38	-67.21	42
119	-110	-111	Min.	122.83	0.00	34	0.00	34	0.00	34	943.10	38	2184.80	38	-67.21	42
119	-111	-112	Max	0.00	0.00	34	0.00	38	0.00	34	1021.05	42	2393.80	42	-57.59	38
119	-111	-112	Max	80.41									2804.32	42		
119	-111	-112	Max	105.83	0.00	34	0.00	38	0.00	38	-287.27	38	2763.28	42	-57.59	38
119	-111	-112	Min.	0.00	0.00	38	0.00	34	0.00	38	943.10	38	2184.80	38	-67.21	42
119	-111	-112	Min.	81.12									2567.34	38		
119	-111	-112	Min.	105.83	0.00	38	0.00	34	0.00	34	-322.82	42	2531.85	38	-67.21	42
119	-112	-113	Max	0.00	0.00	34	0.00	34	0.00	34	-287.26	38	2763.28	42	-57.59	38
119	-112	-113	Max	105.83	0.00	34	0.00	34	0.00	34	-1517.63	38	1710.50	42	-57.59	38
119	-112	-113	Min.	0.00	0.00	38	0.00	38	0.00	38	-322.82	42	2531.85	38	-67.21	42
119	-112	-113	Min.	105.83	0.00	38	0.00	38	0.00	38	-1666.69	42	1576.76	38	-67.21	42
119	-113	-114	Max	0.00	0.00	34	0.00	34	0.00	34	-1517.63	38	1710.50	42	-57.59	38
119	-113	-114	Max	105.83	0.00	34	0.00	34	0.00	34	-2747.99	38	-680.46	38	-57.59	38
119	-113	-114	Min.	0.00	0.00	38	0.00	34	0.00	34	-1666.69	42	1576.76	38	-67.21	42
119	-113	-114	Min.	105.83	0.00	38	0.00	34	0.00	34	-3010.56	42	-764.54	42	-67.21	42
119	-114	112	Max	0.00	0.00	38	0.00	34	0.00	38	-2748.00	38	-680.48	38	-57.59	38
119	-114	112	Max	71.33	0.00	38	0.00	34	0.00	34	-3577.28	38	-2936.49	38	-57.59	38
119	-114	112	Min.	0.00	0.00	34	0.00	38	0.00	34	-3010.57	42	-764.56	42	-67.21	42
119	-114	112	Min.	71.33	0.00	34	0.00	38	0.00	38	-3916.36	42	-3235.16	42	-67.21	42
207	107	113	Max	17.50	0.00	38	0.00	34	0.00	34	713.08	42	-822.45	38	33.31	42
207	107	113	Max	282.84									10.29	42		
207	107	113	Max	397.50	0.00	38	0.00	34	0.00	34	-265.48	38	-152.68	38	33.31	42
207	107	113	Min.	17.50	0.00	34	0.00	34	0.00	34	617.99	38	-935.77	42	13.18	38
207	107	113	Min.	283.31									-1.11	38		
207	107	113	Min.	397.50	0.00	34	0.00	34	0.00	34	-308.13	42	-166.36	42	13.18	38
207	113	119	Max	12.50	0.00	38	0.00	34	0.00	34	422.95	42	-113.48	38	24.02	42
207	113	119	Max	169.88									183.19	42		
207	113	119	Max	397.50	0.00	38	0.00	34	0.00	34	-536.94	38	-457.65	38	24.02	42
207	113	119	Min.	12.50	0.00	34	0.00	34	0.00	34	358.15	38	-149.63	42	17.20	38
207	113	119	Min.	166.50									162.38	38		
207	113	119	Min.	397.50	0.00	34	0.00	34	0.00	34	-611.70	42	-512.98	42	17.20	38
207	119	125	Max	12.50	0.00	34	0.00	34	0.00	34	729.85	42	-522.82	38	12.81	42
207	119	125	Max	284.08									378.53	42		
207	119	125	Max	577.50	0.00	34	0.00	34	0.00	34	-684.68	38	-680.46	38	12.81	42
207	119	125	Min.	12.50	0.00	34	0.00	34	0.00	34	628.89	38	-612.54	42	11.80	38
207	119	125	Min.	283.00									327.74	38		
207	119	125	Min.	577.50	0.00	34	0.00	34	0.00	34	-788.53	42	-778.33	42	11.80	38
207	125	231	Max	12.50	0.00	42	0.00	34	0.00	34	803.39	42	-636.07	38	-15.86	38
207																

207	125	231	Min.	308.08									379.53	38		
207	125	231	Min.	577.50	0.00	38	0.00	34	0.00	34	-715.00	42	-507.25	42	-35.80	42
219	112	118	Max	17.50	0.00	38	0.00	34	0.00	34	725.97	42	-882.54	38	-35.18	38
219	112	118	Max	290.00									19.64	42		
219	112	118	Max	397.50	-0.00	38	0.00	34	0.00	34	-233.02	38	-100.84	38	-35.18	38
219	112	118	Min.	17.50	0.00	42	0.00	34	0.00	34	644.45	38	-969.49	42	-46.72	42
219	112	118	Min.	296.59									16.74	38		
219	112	118	Min.	397.50	-0.00	42	0.00	34	0.00	34	-286.40	42	-134.30	42	-46.72	42
219	118	124	Max	12.50	0.00	38	0.00	34	0.00	34	434.37	42	-160.90	38	-16.00	38
219	118	124	Max	175.54									177.95	42		
219	118	124	Max	397.50	0.00	38	0.00	34	0.00	34	-507.33	38	-402.78	38	-16.00	38
219	118	124	Min.	12.50	0.00	34	0.00	34	0.00	34	381.68	38	-176.15	42	-23.40	42
219	118	124	Min.	177.79									154.54	38		
219	118	124	Min.	397.50	0.00	34	0.00	34	0.00	34	-591.32	42	-478.29	42	-23.40	42
219	124	130	Max	12.50	0.00	34	0.00	34	0.00	34	731.33	42	-557.51	38	-2.48	38
219	124	130	Max	287.01									373.95	42		
219	124	130	Max	577.50	0.00	34	0.00	34	0.00	34	-666.82	38	-639.39	38	-2.48	38
219	124	130	Min.	12.50	0.00	38	0.00	34	0.00	34	637.84	38	-629.83	42	-7.28	42
219	124	130	Min.	288.72									323.42	38		
219	124	130	Min.	577.50	0.00	38	0.00	34	0.00	34	-773.91	42	-750.12	42	-7.28	42
219	130	136	Max	12.50	0.00	34	0.00	34	0.00	34	810.96	42	-695.90	38	52.33	42
219	130	136	Max	316.90									446.00	42		
219	130	136	Max	577.50	0.00	34	0.00	34	0.00	34	-597.59	38	-386.61	38	52.33	42
219	130	136	Min.	12.50	0.00	34	0.00	34	0.00	34	707.07	38	-788.26	42	43.25	38
219	130	136	Min.	318.71									386.65	38		
219	130	136	Min.	577.50	0.00	34	0.00	34	0.00	34	-694.28	42	-458.65	42	43.25	38
302	107	-133	Max	12.47	-1025.65	38	1.76	38	-69.40	38	781.72	42	-444.80	38	223.83	42
302	107	-133	Max	145.35	-1011.15	38	1.76	38	-67.06	38	574.59	42	359.15	42	223.83	42
302	107	-133	Min.	12.47	-1889.07	42	0.65	42	-73.09	42	637.25	38	-542.02	42	210.13	38
302	107	-133	Min.	145.35	-1874.56	42	0.65	42	-72.24	42	430.12	38	264.39	38	210.13	38
302	-133	-134	Max	0.00	-985.26	38	74.75	42	-71.75	38	99.14	38	359.12	42	223.49	42
302	-133	-134	Max	62.16					-30.63	42			389.23	42		
302	-133	-134	Max	142.35	-969.72	38	74.75	42	29.32	42	-122.74	38	339.11	42	223.49	42
302	-133	-134	Min.	0.00	-1838.28	42	69.51	38	-77.09	42	96.88	42	264.28	38	209.80	38
302	-133	-134	Min.	63.60					-27.54	38			295.81	38		
302	-133	-134	Min.	142.35	-1822.74	42	69.51	38	27.20	38	-124.99	42	247.48	38	209.80	38
302	-134	308	Max	0.00	-943.52	38	7.78	38	23.59	42	-450.46	38	338.49	42	223.09	42
302	-134	308	Max	129.88	-929.34	38	7.78	38	33.35	42	-652.90	38	-469.54	38	223.09	42
302	-134	308	Min.	0.00	-1786.23	42	7.51	42	21.67	38	-597.90	42	246.97	38	209.41	38
302	-134	308	Min.	129.88	-1772.06	42	7.51	42	31.77	38	-800.34	42	-569.51	42	209.41	38
302	308	-148	Max	12.47	-746.26	38	16.68	42	-16.60	38	494.96	42	-147.11	38	-7.42	38
302	308	-148	Max	175.93	-728.41	38	16.68	42	9.68	42	240.17	42	328.66	42	-7.42	38
302	308	-148	Min.	12.47	-1076.16	42	15.59	38	-17.58	42	376.66	38	-272.16	42	-8.07	42
302	308	-148	Min.	175.93	-1058.32	42	15.59	38	8.89	38	121.88	38	260.35	38	-8.07	42
302	-148	409	Max	0.00	-697.79	38	32.64	42	5.43	42	-276.85	38	328.65	42	-7.70	38
302	-148	409	Max	162.46	-680.06	38	32.64	42	58.45	42	-530.07	38	-395.12	38	-7.70	38
302	-148	409	Min.	0.00	-1015.03	42	31.35	38	4.79	38	-337.48	42	260.33	38	-8.37	42
302	-148	409	Min.	162.46	-997.30	42	31.35	38	55.72	38	-590.70	42	-425.30	42	-8.37	42
302	409	-9	Max	12.47	-1557.38	38	-197.99	38	223.62	42	643.73	42	-361.80	38	-53.46	38
302	409	-9	Max	221.04	-1534.61	38	-197.99	38	-202.51	38	318.64	42	516.70	42	-53.46	38
302	409	-9	Min.	12.47	-1790.30	42	-212.00	42	210.43	38	535.37	38	-486.91	42	-54.70	42
302	409	-9	Min.	221.04	-1767.53	42	-212.00	42	-218.55	42	210.28	38	415.80	38	-54.70	42
302	-9	410	Max	0.00	-1563.92	38	132.55	42	-166.64	38	-370.32	38	529.67	42	-26.93	42
302	-9	410	Max	208.57	-1586.69	38	132.55	42	98.53	42	-695.41	38	-683.29	38	-26.93	42
302	-9	410	Min.	0.00	-1797.60	42	122.97	38	-177.93	42	-455.85	42	428.12	38	-27.60	38
302	-9	410	Min.	208.57	-1820.36	42	122.97	38	89.83	38	-780.94	42	-760.12	42	-27.60	38
302	410	-150	Max	12.47	-1273.00	34	4.60	38	-3.57	42	575.12	42	-310.54	38	58.56	38
302	410	-150	Max	174.93	-1290.73	34	4.60	38	-0.44	42	321.90	42	315.24	42	58.56	38
302	410	-150	Min.	12.47	-1361.51	38	1.93	42	-8.67	38	463.11	38	-413.41	42	58.08	34
302	410	-150	Min.	174.93	-1379.25	38	1.93	42	-1.20	38	209.89	38	236.13	38	58.08	34
302	-150	311	Max	0.00	-1329.87	34	39.47	38	0.59	42	-188.96	38	315.11	42	58.53	38
302	-150	311	Max	163.46	-1347.71	34	39.47	38	63.80	38	-443.75	38	-281.12	38	58.53	38
302	-150	311	Min.	0.00	-1408.07	38	36.46	42	-0.72	38	-255.86	42	236.00	38	58.01	34
302	-150	311	Min.	163.46	-1425.91	38	36.46	42	60.18	42	-510.64	42	-311.36	42	58.01	34
302	311	-153	Max	12.47	-3136.03	34	-5.89	42	32.65	42	746.65	42	-284.46	38	-199.16	38
302	311	-153	Max	145.35	-3150.54	34	-5.89	42	24.82	42	539.52	42	399.12	42	-199.16	38
302	311	-153	Min.	12.47	-3291.81	38	-6.80	38	31.29	38	570.38	38	-455.45	42	-215.18	42
302	311	-153	Min.	145.35	-3306.32	38	-6.80	38	22.25	38	363.26	38	335.88	38	-215.18	42
302	-153	-154	Max	0.00	-3185.05	34	-68.83	38	30.10	42	61.84	42	399.74	42	-199.50	38
302	-153	-154	Max	39.68					0.33	42			412.01	42		
302	-153	-154	Max	142.35	-3200.59	34	-68.83	38	-70.89	38	-160.03	42	329.86	42	-199.50	38
302	-153	-154	Min.	0.00	-3332.39	38	-75.01	42	27.08	38	32.29	38	336.40	38	-215.55	42
302	-153	-154	Min.	20.71					12.83	38			339.75	38		
302	-153	-154	Min.	142.35	-3347.93	38	-75.01	42	-76.69	42	-189.59	38	224.45	38	-215.55	42
302	-154	112	Max	0.00	-3234.34	34	1.03	38	-66.66	38	-517.36	38	329.85	42	-199.79	38
302	-154	112	Max	129.88	-3248.52	34	1.03	38	-65.32	38	-719.80	38	-578.90	38	-199.79	38
302	-154	112	Min.	0.00	-3373.38	38	0.79	34	-72.12	42	-632.99	42	224.51	38	-215.87	42
302	-154	112	Min.	129.88	-3387.55	38	0.79	34	-70.95	42	-835.42	42	-623.73	42	-215.87	42
303	113	-131	Max	12.47	-1645.54	38	117.35	42	-192.99	38	1148.07	42	-481.26	38	2.24	38
303	113	-131	Max	145.35	-1631.03	38	117.35	42	-49.26	38	940.95	42	764.32	42	2.24	38
303	113	-131	Min.	12.47	-1945.53	42	108.16	38	-208.72	42	877.14	38	-623.68	42	-2.30	42
303	113	-131	Min.	145.35	-1931.03	42	108.16	38	-52.78	42	670.01	38	546.71	38	-2.30	42
303	-131	-132	Max	0.00	-1583.46	38	64.35	42	-63.57	38	7.75	38	764.52	42	1.24	38
303	-131	-132	Max	4.97					-60.59	38			547.13	38		
303	-131	-132	Max	142.35	-1567.93	38	64.35	42	23.56	42	-214.13	38	585.59	42	1.24	38
303	-131	-132	Min.	0.00	-1862.72	42	59.80	38	-68.04	42	-14.76	42	546.94	38	-3.37	42
303	-131	-132	Min.	4.97					-60.59	38			547.13			

303	-132	314	Min.	0.00	-1779.31	42	114.39	38	4.46	38	-1182.81	42	400.49	38	-4.65	42
303	-132	314	Min.	129.88	-1765.13	42	114.39	38	153.02	38	-1385.25	42	-1081.57	42	-4.65	42
303	314	-147	Max	12.47	-1422.41	38	101.72	42	-128.94	38	798.29	42	-436.31	38	-1.74	38
303	314	-147	Max	175.93	-1404.56	38	101.72	42	27.58	42	543.50	42	402.77	42	-1.74	38
303	314	-147	Min.	12.47	-1735.09	42	94.32	38	-138.69	42	569.35	38	-693.88	42	-5.53	42
303	314	-147	Min.	175.93	-1717.24	42	94.32	38	25.25	38	314.56	38	286.12	38	-5.53	42
303	-147	415	Max	0.00	-1347.14	38	85.70	42	10.77	42	-483.15	38	402.78	42	-2.83	38
303	-147	415	Max	162.46	-1329.40	38	85.70	42	149.99	42	-736.38	38	-704.48	38	-2.83	38
303	-147	415	Min.	0.00	-1634.48	42	81.33	38	9.66	38	-612.07	42	286.13	38	-6.70	42
303	-147	415	Min.	162.46	-1616.75	42	81.33	38	141.79	38	-865.29	42	-797.26	42	-6.70	42
303	415	-10	Max	12.47	-1388.42	38	67.38	42	-8.21	38	1100.79	42	-668.72	38	-88.72	38
303	415	-10	Max	221.04	-1365.65	38	67.38	42	123.25	42	775.69	42	1077.68	42	-88.72	38
303	415	-10	Min.	12.47	-1740.76	42	52.35	38	-17.28	42	903.81	38	-879.21	42	-110.78	42
303	415	-10	Min.	221.04	-1717.99	42	52.35	38	100.98	38	578.72	38	877.33	38	-110.78	42
303	-10	416	Max	0.00	-1371.94	38	-134.05	38	197.59	42	-667.11	38	1065.29	42	108.01	42
303	-10	416	Max	208.57	-1394.71	38	-134.05	38	-108.92	38	-992.20	38	-865.02	38	108.01	42
303	-10	416	Min.	0.00	-1719.26	42	-154.03	42	170.66	38	-826.25	42	865.40	38	86.72	38
303	-10	416	Min.	208.57	-1742.03	42	-154.03	42	-123.67	42	-1151.35	42	-997.06	42	86.72	38
303	416	-149	Max	12.47	-1158.77	38	-23.80	38	62.16	42	761.15	42	-441.04	38	10.27	42
303	416	-149	Max	174.93	-1176.51	38	-23.80	38	11.88	42	507.93	42	392.33	42	10.27	42
303	416	-149	Min.	12.47	-1513.04	42	-30.95	42	49.63	38	562.91	38	-638.54	42	7.41	38
303	416	-149	Min.	174.93	-1530.77	42	-30.95	42	10.96	38	309.69	38	267.77	38	7.41	38
303	-149	317	Max	0.00	-1234.39	38	-50.97	38	22.65	42	-487.99	38	392.45	42	9.51	42
303	-149	317	Max	163.46	-1252.23	38	-50.97	38	-63.31	38	-742.78	38	-738.02	38	9.51	42
303	-149	317	Min.	0.00	-1613.82	42	-61.37	42	20.01	38	-647.62	42	267.89	38	6.77	38
303	-149	317	Min.	163.46	-1631.66	42	-61.37	42	-77.65	42	-902.40	42	-874.39	42	6.77	38
303	317	-151	Max	12.47	-1115.40	38	-112.95	38	170.83	42	1339.78	42	-684.39	38	6.39	42
303	317	-151	Max	145.35	-1129.91	38	-112.95	38	7.19	42	1132.65	42	668.76	42	6.39	42
303	317	-151	Min.	12.47	-1527.50	42	-123.14	42	156.79	38	1008.34	38	-973.99	42	2.46	38
303	317	-151	Min.	145.35	-1542.00	42	-123.14	42	6.69	38	801.21	38	517.93	38	2.46	38
303	-151	-152	Max	0.00	-1177.91	38	-60.10	38	24.80	42	176.97	42	668.22	42	5.16	42
303	-151	-152	Max	113.50					-49.12	42			768.69	42		
303	-151	-152	Max	142.35	-1193.45	38	-60.10	38	-62.67	38	-44.90	42	762.22	42	5.16	42
303	-151	-152	Min.	0.00	-1610.69	42	-65.13	42	22.87	38	138.98	38	517.46	38	1.33	38
303	-151	-152	Min.	89.16					-30.71	38			579.42	38		
303	-151	-152	Min.	142.35	-1626.23	42	-65.13	42	-67.91	42	-82.90	38	557.38	38	1.33	38
303	-152	118	Max	0.00	-1240.72	38	-112.09	38	-48.94	38	-738.70	38	762.06	42	4.12	42
303	-152	118	Max	129.88	-1254.90	38	-112.09	38	-194.52	38	-941.14	38	-533.67	38	4.12	42
303	-152	118	Min.	0.00	-1693.96	42	-121.45	42	-53.04	42	-991.09	42	557.20	38	0.37	38
303	-152	118	Min.	129.88	-1708.13	42	-121.45	42	-210.78	42	-1193.52	42	-656.61	42	0.37	38
304	119	-129	Max	12.47	-2272.44	38	105.62	42	-186.12	38	1360.29	42	-574.77	38	0.37	38
304	119	-129	Max	145.35	-2257.93	38	105.62	42	-57.82	38	1153.17	42	915.27	42	0.37	38
304	119	-129	Min.	12.47	-2744.12	42	96.55	38	-202.20	42	1027.83	38	-754.74	42	-3.52	42
304	119	-129	Min.	145.35	-2729.62	42	96.55	38	-61.84	42	820.70	38	653.45	38	-3.52	42
304	-129	-130	Max	0.00	-2202.14	38	78.52	42	-72.95	38	3.11	38	915.24	42	-0.69	38
304	-129	-130	Max	2.00					-71.49	38			653.45	38		
304	-129	-130	Max	142.35	-2186.60	38	78.52	42	33.56	42	-218.76	38	725.57	42	-0.69	38
304	-129	-130	Min.	0.00	-2648.87	42	73.13	38	-78.21	42	-22.31	42	653.42	38	-4.67	42
304	-129	-130	Min.	2.00					-71.49	38			653.45	38		
304	-129	-130	Min.	142.35	-2633.33	42	73.13	38	31.15	38	-244.18	42	499.94	38	-4.67	42
304	-130	320	Max	0.00	-2131.63	38	106.43	42	14.15	42	-1028.50	38	725.55	42	-1.94	38
304	-130	320	Max	129.88	-2117.45	38	106.43	42	152.39	42	-1230.94	38	-967.35	38	-1.94	38
304	-130	320	Min.	0.00	-2553.70	42	97.65	38	13.22	38	-1408.06	42	499.91	38	-6.02	42
304	-130	320	Min.	129.88	-2539.52	42	97.65	38	140.04	38	-1610.50	42	-1234.68	42	-6.02	42
304	320	-137	Max	12.47	-2089.43	38	101.36	42	-123.57	38	909.79	42	-521.67	38	0.31	38
304	320	-137	Max	175.93	-2071.59	38	101.36	42	30.59	42	655.01	42	454.71	42	0.31	38
304	320	-137	Min.	12.47	-2579.65	42	92.78	38	-135.09	42	641.00	38	-824.20	42	-1.75	42
304	320	-137	Min.	175.93	-2561.80	42	92.78	38	28.09	38	386.21	38	317.87	38	-1.75	42
304	-137	421	Max	0.00	-2004.50	38	82.73	42	12.91	42	-596.62	38	454.71	42	-0.82	38
304	-137	421	Max	162.46	-1986.76	38	82.73	42	147.31	42	-849.84	38	-857.07	38	-0.82	38
304	-137	421	Min.	0.00	-2464.32	42	76.77	38	11.93	38	-764.26	42	317.87	38	-2.98	42
304	-137	421	Min.	162.46	-2446.59	42	76.77	38	136.65	38	-1017.48	42	-992.58	42	-2.98	42
304	421	-11	Max	12.47	-2145.64	38	62.97	42	-8.27	38	1428.07	42	-879.28	38	-49.91	38
304	421	-11	Max	221.04	-2122.88	38	62.97	42	112.91	42	1102.98	42	1480.14	42	-49.91	38
304	421	-11	Min.	12.47	-2699.00	42	48.54	38	-18.42	42	1153.86	38	-1159.38	42	-61.48	42
304	421	-11	Min.	221.04	-2676.23	42	48.54	38	92.98	38	828.76	38	1188.31	38	-61.48	42
304	-11	422	Max	0.00	-2120.67	38	-127.64	38	177.18	42	-928.26	38	1479.29	42	60.39	42
304	-11	422	Max	208.57	-2143.44	38	-127.64	38	-109.23	38	-1253.36	38	-1087.63	38	60.39	42
304	-11	422	Min.	0.00	-2671.30	42	-142.46	42	157.00	38	-1162.54	42	1187.48	38	49.32	38
304	-11	422	Min.	208.57	-2694.07	42	-142.46	42	-119.95	42	-1487.64	42	-1284.46	42	49.32	38
304	422	-140	Max	12.47	-1774.61	38	-35.27	38	75.93	42	908.69	42	-580.07	38	5.21	42
304	422	-140	Max	174.93	-1792.34	38	-35.27	38	8.42	42	655.47	42	444.19	42	5.21	42
304	422	-140	Min.	12.47	-2313.65	42	-41.56	42	64.80	38	668.02	38	-826.36	42	3.72	38
304	422	-140	Min.	174.93	-2331.38	42	-41.56	42	7.50	38	414.80	38	299.50	38	3.72	38
304	-140	323	Max	0.00	-1860.02	38	-53.81	38	21.23	42	-567.99	38	444.19	42	4.32	42
304	-140	323	Max	163.46	-1877.86	38	-53.81	38	-69.24	38	-822.77	38	-837.17	38	4.32	42
304	-140	323	Min.	0.00	-2429.41	42	-62.96	42	18.72	38	-763.76	42	299.50	38	2.93	38
304	-140	323	Min.	163.46	-2447.26	42	-62.96	42	-81.68	42	-1018.55	42	-1012.50	42	2.93	38
304	323	-145	Max	12.47	-1670.22	38	-101.76	38	163.44	42	1559.19	42	-779.86	38	8.85	42
304	323	-145	Max	145.35	-1684.72	38	-101.76	38	17.16	42	1352.06	42	813.88	42	8.85	42
304	323	-145	Min.	12.47	-2268.11	42	-110.08	42	151.18	38	1159.59	38	-1120.44	42	6.31	38
304	323	-145	Min.	145.35	-2282.61	42	-110.08	42	15.96	38	952.46	38	623.45	38	6.31	38
304	-145	-146	Max	0.00	-1740.28	38	-74.64	38	36.23	42	176					

304	-146	124	Min.	0.00	-2458.57	42	-108.63	42	-62.45	42	-1209.16	42	657.53	38	4.04	38
304	-146	124	Min.	129.88	-2472.75	42	-108.63	42	-203.53	42	-1411.60	42	-794.54	42	4.04	38
305	125	-127	Max	12.47	-2712.73	38	98.65	42	-177.03	38	1562.40	42	-638.47	38	7.73	38
305	125	-127	Max	145.35	-2698.22	38	98.65	42	-57.37	38	1355.27	42	1059.58	42	7.73	38
305	125	-127	Min.	12.47	-3302.75	42	90.05	38	-192.13	42	1161.67	38	-879.00	42	7.55	34
305	125	-127	Min.	145.35	-3288.24	42	90.05	38	-61.05	42	954.54	38	767.59	38	7.55	34
305	-127	-128	Max	0.00	-2630.40	38	74.72	42	-70.99	38	-18.11	38	1059.03	42	6.77	38
305	-127	-128	Max	142.35	-2614.86	38	74.72	42	30.58	42	-239.98	38	844.64	42	6.77	38
305	-127	-128	Min.	0.00	-3190.87	42	69.98	38	-75.78	42	-39.67	42	767.24	38	6.54	34
305	-127	-128	Min.	142.35	-3175.34	42	69.98	38	28.62	38	-261.55	42	583.54	38	6.54	34
305	-128	326	Max	0.00	-2547.74	38	86.69	42	13.20	42	-1203.35	38	845.13	42	5.64	38
305	-128	326	Max	129.88	-2533.56	38	86.69	42	125.80	42	-1405.79	38	-1110.44	38	5.64	38
305	-128	326	Min.	0.00	-3079.01	42	80.62	38	12.50	38	-1642.79	42	583.91	38	5.34	34
305	-128	326	Min.	129.88	-3064.83	42	80.62	38	117.20	38	-1845.23	42	-1419.96	42	5.34	34
305	326	-136	Max	12.47	-2470.20	38	83.09	42	-96.63	38	1032.59	42	-606.26	38	2.34	38
305	326	-136	Max	175.93	-2452.36	38	83.09	42	32.41	42	777.80	42	529.62	42	2.34	38
305	326	-136	Min.	12.47	-3074.33	42	77.37	38	-103.40	42	722.33	38	-950.01	42	0.40	42
305	326	-136	Min.	175.93	-3056.48	42	77.37	38	29.84	38	467.55	38	366.24	38	0.40	42
305	-136	427	Max	0.00	-2371.29	38	56.85	42	18.47	42	-700.09	38	529.51	42	1.43	38
305	-136	427	Max	162.46	-2353.56	38	56.85	42	110.83	42	-953.31	38	-976.93	38	1.43	38
305	-136	427	Min.	0.00	-2939.51	42	55.00	38	16.83	38	-904.83	42	366.11	38	-0.57	42
305	-136	427	Min.	162.46	-2921.77	42	55.00	38	106.19	38	-1158.05	42	-1146.15	42	-0.57	42
305	427	-12	Max	12.47	-2536.84	38	30.67	42	17.34	38	1677.90	42	-1048.48	38	-37.71	38
305	427	-12	Max	221.04	-2514.07	38	30.67	42	78.88	42	1352.81	42	1778.69	42	-37.71	38
305	427	-12	Min.	12.47	-3211.22	42	23.92	38	14.92	42	1348.64	38	-1381.90	42	-45.42	42
305	427	-12	Min.	221.04	-3188.45	42	23.92	38	67.23	38	1023.55	38	1425.37	38	-45.42	42
305	-12	428	Max	0.00	-2522.19	38	-92.76	38	133.58	42	-1130.73	38	1777.45	42	44.32	42
305	-12	428	Max	208.57	-2544.96	38	-92.76	38	-72.17	38	-1455.83	38	-1274.13	38	44.32	42
305	-12	428	Min.	0.00	-3193.70	42	-100.32	42	121.30	38	-1417.28	42	1423.27	38	37.18	38
305	-12	428	Min.	208.57	-3216.47	42	-100.32	42	-75.66	42	-1742.37	42	-1517.60	42	37.18	38
305	428	-139	Max	12.47	-2146.33	38	-17.93	38	44.78	42	1044.43	42	-683.01	38	3.25	42
305	428	-139	Max	174.93	-2164.07	38	-17.93	38	11.32	42	791.21	42	520.78	42	3.25	42
305	428	-139	Min.	12.47	-2797.99	42	-20.60	42	39.10	38	762.90	38	-970.29	42	2.12	38
305	428	-139	Min.	174.93	-2815.72	42	-20.60	42	9.97	38	509.68	38	350.69	38	2.12	38
305	-139	329	Max	0.00	-2245.16	38	-39.79	38	20.96	42	-657.95	38	520.84	42	2.58	42
305	-139	329	Max	163.46	-2263.00	38	-39.79	38	-46.45	38	-912.74	38	-933.00	38	2.58	42
305	-139	329	Min.	0.00	-2932.73	42	-45.93	42	18.59	38	-891.43	42	350.73	38	1.52	38
305	-139	329	Min.	163.46	-2950.58	42	-45.93	42	-54.12	42	-1146.21	42	-1144.53	42	1.52	38
305	329	-143	Max	12.47	-2068.85	38	-80.99	38	134.97	42	1774.08	42	-883.39	38	-2.73	38
305	329	-143	Max	145.35	-2083.35	38	-80.99	38	18.56	42	1566.95	42	938.12	42	-2.73	38
305	329	-143	Min.	12.47	-2786.40	42	-87.59	42	125.52	38	1303.88	38	-1281.76	42	-3.53	42
305	329	-143	Min.	145.35	-2800.91	42	-87.59	42	17.90	38	1096.75	38	711.66	38	-3.53	42
305	-143	-144	Max	0.00	-2151.09	38	-72.90	38	35.53	42	172.01	42	937.63	42	-3.82	38
305	-143	-144	Max	110.35					-50.78	42			1032.54	42		
305	-143	-144	Max	142.35	-2166.63	38	-72.90	38	-70.24	38	-49.87	42	1024.57	42	-3.82	38
305	-143	-144	Min.	0.00	-2898.17	42	-78.22	42	33.53	38	124.11	38	711.29	38	-4.72	42
305	-143	-144	Min.	79.62					-24.52	38			760.70	38		
305	-143	-144	Min.	142.35	-2913.71	42	-78.22	42	-75.81	42	-97.77	38	730.04	38	-4.72	42
305	-144	130	Max	0.00	-2233.81	38	-94.24	38	-56.76	38	-1061.13	38	1025.14	42	-4.77	38
305	-144	130	Max	129.88	-2247.98	38	-94.24	38	-179.16	38	-1263.57	38	-779.22	38	-4.77	38
305	-144	130	Min.	0.00	-3010.12	42	-102.80	42	-61.20	42	-1431.11	42	730.42	38	-5.74	42
305	-144	130	Min.	129.88	-3024.30	42	-102.80	42	-194.71	42	-1633.55	42	-965.02	42	-5.74	42
306	231	-125	Max	12.47	-1511.99	34	42.84	38	-122.43	38	893.14	42	-270.32	38	71.11	42
306	231	-125	Max	145.35	-1497.48	34	42.84	38	-65.50	38	686.02	42	617.28	42	71.11	42
306	231	-125	Min.	12.47	-1558.04	38	41.56	42	-125.94	42	672.01	38	-431.96	42	56.71	38
306	231	-125	Min.	145.35	-1543.54	38	41.56	42	-70.71	42	464.88	38	485.06	38	56.71	38
306	-125	-126	Max	0.00	-1453.84	34	71.48	42	-71.48	38	-7.57	34	617.70	42	70.66	42
306	-125	-126	Max	142.35	-1438.30	34	71.48	42	24.66	42	-229.44	34	443.26	42	70.66	42
306	-125	-126	Min.	0.00	-1511.60	38	66.93	38	-77.09	42	-21.58	38	485.33	38	56.29	38
306	-125	-126	Min.	142.35	-1496.06	38	66.93	38	23.79	38	-243.46	38	296.69	38	56.29	38
306	-126	332	Max	0.00	-1395.52	34	41.32	42	17.12	42	-725.30	38	442.89	42	70.13	42
306	-126	332	Max	129.88	-1381.34	34	41.32	42	70.79	42	-927.74	38	-777.06	38	70.13	42
306	-126	332	Min.	0.00	-1464.84	38	38.93	38	16.69	38	-924.27	42	296.42	38	55.79	38
306	-126	332	Min.	129.88	-1450.67	38	38.93	38	67.25	38	-1126.71	42	-889.00	42	55.79	38
306	332	-135	Max	12.47	-1175.30	38	29.74	38	-36.24	42	568.25	42	-161.15	38	71.68	42
306	332	-135	Max	175.93	-1157.46	38	29.74	38	11.22	38	313.46	42	305.76	42	71.68	42
306	332	-135	Min.	12.47	-1276.86	42	28.22	42	-37.40	38	364.62	38	-414.87	42	58.10	38
306	332	-135	Min.	175.93	-1259.01	42	28.22	42	9.89	42	109.84	38	226.62	38	58.10	38
306	-135	433	Max	0.00	-1118.37	38	73.15	42	6.39	38	-474.08	38	305.87	42	71.33	42
306	-135	433	Max	162.46	-1100.63	38	73.15	42	123.80	42	-727.30	38	-736.11	34	71.33	42
306	-135	433	Min.	0.00	-1201.96	42	65.35	38	4.97	42	-527.95	42	226.74	38	57.77	38
306	-135	433	Min.	162.46	-1184.22	42	65.35	38	112.55	38	-781.17	42	-757.52	42	57.77	38
306	433	-13	Max	12.47	-980.23	38	-104.18	38	113.68	42	827.46	42	-416.85	38	234.09	42
306	433	-13	Max	221.04	-957.46	38	-104.18	38	-120.75	38	502.36	42	780.00	42	234.09	42
306	433	-13	Min.	12.47	-1184.98	42	-132.03	42	96.54	38	666.56	38	-606.81	42	178.58	38
306	433	-13	Min.	221.04	-1162.21	42	-132.03	42	-161.70	42	341.46	38	634.37	38	178.58	38
306	-13	434	Max	0.00	-959.58	38	81.26	42	-91.51	38	-509.41	38	781.51	42	-180.67	38
306	-13	434	Max	208.57	-982.35	38	81.26	42	37.46	42	-834.51	38	-764.60	38	-180.67	38
306	-13	434	Min.	0.00	-1159.44	42	54.13	38	-132.02	42	-603.01	42	636.91	38	-237.52	42
306	-13	434	Min.	208.57	-1182.21	42	54.13	38	21.40	38	-928.11	42	-815.23	42	-237.52	42
306	434	-138	Max	12.47	-596.51	38	-30.61	38	60.81	42	594.19	42	-264.01	38	-48.99	38
306	434	-138	Max	174.93	-614.24	38	-30.61	38	-1.35	38	340.97	42	292.80	42	-48.99	38
306	434	-13														

306	335	-141	Min.	12.47	-740.63	42	-47.53	42	80.93	38	736.16	38	-654.95	42	-68.02	42
306	335	-141	Min.	145.35	-755.14	42	-47.53	42	22.17	38	529.03	38	452.52	38	-68.02	42
306	-141	-142	Max	0.00	-368.30	38	-70.25	38	29.86	42	102.17	42	545.89	42	-52.12	38
306	-141	-142	Max	65.55					-19.43	42			579.37	42		
306	-141	-142	Max	142.35	-383.84	38	-70.25	38	-71.02	38	-119.71	42	533.40	42	-52.12	38
306	-141	-142	Min.	0.00	-801.38	42	-75.18	42	28.97	38	42.55	38	452.82	38	-68.54	42
306	-141	-142	Min.	27.30					9.79	38			458.63	38		
306	-141	-142	Min.	142.35	-816.91	42	-75.18	42	-77.17	42	-179.32	38	355.48	38	-68.54	42
306	-142	136	Max	0.00	-415.47	38	-42.26	42	-65.14	38	-661.14	38	532.96	42	-52.54	38
306	-142	136	Max	129.88	-429.65	38	-42.26	42	-120.04	38	-863.58	38	-629.29	34	-52.54	38
306	-142	136	Min.	0.00	-863.02	42	-42.40	34	-70.85	42	-810.48	42	355.19	38	-68.98	42
306	-142	136	Min.	129.88	-877.20	42	-42.40	34	-125.75	42	-1012.91	42	-651.13	42	-68.98	42
308	-133	-131	Max	0.00	74.11	42	-2.70	38	4.87	42	479.07	42	0.00	34	-0.03	42
308	-133	-131	Max	205.00					-0.92	42			491.05	42		
308	-133	-131	Max	410.00	74.11	42	-2.70	38	-6.38	38	-331.98	38	0.00	34	-0.03	42
308	-133	-131	Min.	0.00	67.75	38	-2.83	42	4.70	38	331.98	38	0.00	34	-0.11	38
308	-133	-131	Min.	205.00					-0.84	38			340.28	38		
308	-133	-131	Min.	410.00	67.75	38	-2.83	42	-6.72	42	-479.07	42	0.00	38	-0.11	38
308	-131	-129	Max	0.00	21.11	42	-3.88	38	8.59	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	21.11	42	-3.88	38	-7.97	38	-331.98	38	0.00	34	0.17	42
308	-131	-129	Min.	0.00	19.40	38	-4.20	42	7.95	38	331.98	38	0.00	34	0.12	38
308	-131	-129	Min.	205.00					-0.01	38			340.28	38		
308	-131	-129	Min.	410.00	19.40	38	-4.20	42	-8.61	42	-479.07	42	0.00	38	0.12	38
308	-129	-127	Max	0.00	-4.02	38	-2.42	38	7.79	42	699.17	42	0.00	34	0.13	42
308	-129	-127	Max	295.00					0.07	42			1031.27	42		
308	-129	-127	Max	590.00	-4.02	38	-2.42	38	-7.08	38	-487.50	38	0.00	38	0.13	42
308	-129	-127	Min.	0.00	-5.99	42	-2.62	42	7.19	38	487.50	38	0.00	34	0.09	38
308	-129	-127	Min.	295.00					0.06	38			719.07	38		
308	-129	-127	Min.	590.00	-5.99	42	-2.62	42	-7.66	42	-699.17	42	0.00	34	0.09	38
308	-127	-125	Max	0.00	-24.09	38	-2.13	38	7.11	42	699.17	42	0.00	34	-0.26	38
308	-127	-125	Max	295.00					0.36	42			1031.27	42		
308	-127	-125	Max	590.00	-24.09	38	-2.13	38	-6.00	38	-487.50	38	0.00	42	-0.26	38
308	-127	-125	Min.	0.00	-29.92	42	-2.29	42	6.58	38	487.50	38	0.00	34	-0.42	42
308	-127	-125	Min.	295.00					0.29	38			719.07	38		
308	-127	-125	Min.	590.00	-29.92	42	-2.29	42	-6.40	42	-699.17	42	0.00	38	-0.42	42
309	-134	-132	Max	0.00	-61.74	38	-3.24	38	5.74	42	474.30	42	0.00	34	-0.51	38
309	-134	-132	Max	205.00					-1.18	42			486.16	42		
309	-134	-132	Max	410.00	-61.74	38	-3.24	38	-7.72	38	-328.75	38	0.00	42	-0.51	38
309	-134	-132	Min.	0.00	-67.24	42	-3.38	42	5.55	38	328.75	38	0.00	34	-0.62	42
309	-134	-132	Min.	205.00					-1.08	38			336.97	38		
309	-134	-132	Min.	410.00	-67.24	42	-3.38	42	-8.10	42	-474.30	42	0.00	38	-0.62	42
309	-132	-130	Max	0.00	-7.15	38	-4.60	38	10.19	42	474.30	42	0.00	34	-0.07	38
309	-132	-130	Max	205.00					-0.02	42			486.16	42		
309	-132	-130	Max	410.00	-7.15	38	-4.60	38	-9.45	38	-328.75	38	0.00	42	-0.07	38
309	-132	-130	Min.	0.00	-9.73	42	-4.98	42	9.43	38	328.75	38	0.00	34	-0.10	42
309	-132	-130	Min.	205.00					-0.01	38			336.97	38		
309	-132	-130	Min.	410.00	-9.73	42	-4.98	42	-10.22	42	-474.30	42	0.00	38	-0.10	42
309	-130	-128	Max	0.00	18.18	42	-2.87	38	9.23	42	692.30	42	0.00	34	-0.10	38
309	-130	-128	Max	295.00					0.08	42			1021.14	42		
309	-130	-128	Max	590.00	18.18	42	-2.87	38	-8.41	38	-482.85	38	0.00	38	-0.10	38
309	-130	-128	Min.	0.00	17.37	38	-3.10	42	8.53	38	482.85	38	0.00	34	-0.12	42
309	-130	-128	Min.	295.00					0.06	38			712.20	38		
309	-130	-128	Min.	590.00	17.37	38	-3.10	42	-9.08	42	-692.30	42	0.00	34	-0.12	42
309	-128	-126	Max	0.00	30.16	42	-2.52	38	8.34	42	692.30	42	0.00	34	0.37	42
309	-128	-126	Max	295.00					0.39	42			1021.14	42		
309	-128	-126	Max	590.00	30.16	42	-2.52	38	-7.12	38	-482.85	38	0.00	42	0.37	42
309	-128	-126	Min.	0.00	28.00	38	-2.70	42	7.75	38	482.85	38	0.00	34	0.27	38
309	-128	-126	Min.	295.00					0.32	38			712.21	38		
309	-128	-126	Min.	590.00	28.00	38	-2.70	42	-7.56	42	-692.30	42	0.00	38	0.27	38
310	308	314	Max	17.50	114.74	34	-53.95	38	79.42	42	764.87	42	0.00	34	-41.11	38
310	308	314	Max	207.50					-26.03	42			726.63	42		
310	308	314	Max	397.50	114.74	34	-53.95	38	-126.15	38	-614.06	38	0.00	34	-41.11	38
310	308	314	Min.	17.50	107.71	38	-55.50	42	78.38	34	614.06	38	0.00	34	-53.28	42
310	308	314	Min.	207.50					-23.64	38			583.36	38		
310	308	314	Min.	397.50	107.71	38	-55.50	42	-131.47	42	-764.87	42	0.00	34	-53.28	42
310	314	320	Max	12.50	-6.68	38	-76.11	38	160.00	42	692.07	42	-276.97	38	-7.98	38
310	314	320	Max	184.41					16.20	42			258.00	42		
310	314	320	Max	397.50	-6.68	38	-76.11	38	-147.72	38	-685.57	38	-521.18	38	-7.98	38
310	314	320	Min.	12.50	-20.89	42	-83.65	42	145.32	38	558.71	38	-336.87	42	-11.18	42
310	314	320	Min.	185.37					13.74	38			205.96	38		
310	314	320	Min.	397.50	-20.89	42	-83.65	42	-162.04	42	-857.81	42	-655.94	42	-11.18	42
310	320	326	Max	12.50	-112.65	38	-37.24	38	113.44	42	1116.67	42	-787.67	38	-3.59	38
310	320	326	Max	289.89					0.91	42			570.79	42		
310	320	326	Max	577.50	-112.65	38	-37.24	38	-106.34	38	-928.95	38	-877.72	38	-3.59	38
310	320	326	Min.	12.50	-147.87	42	-40.57	42	104.06	38	897.08	38	-977.97	42	-4.88	42
310	320	326	Min.	290.07					0.69	38			457.33	38		
310	320	326	Min.	577.50	-147.87	42	-40.57	42	-115.77	42	-1157.83	42	-1094.24	42	-4.88	42
310	326	332	Max	12.50	-179.77	38	-32.92	38	102.33	42	1264.50	42	-1038.15	38	21.82	42
310	326	332	Max	326.61					-6.22	42			709.91	42		
310	326	332	Max	577.50	-179.77	38	-32.92	38	-89.73	38	-806.20	38	-434.67	38	21.82	42
310	326	332	Min.	12.50	-224.91	42	-34.56	42	96.26	38	1019.82	38	-1276.04	42	19.58	38
310	326	332	Min.	328.05					-7.62	38			570.87	38		
310	326	332	Min.	577.50	-224.91	42	-34.56	42	-92.91	42	-1010.00	42	-557.08	42	19.58	38
311	-148	-147	Max	0.00	15.97	34	-2.69	38	4.26	42	579.27	42	0.00	34	-0.01	42
311	-148	-147	Max	205.00					-1.53	42			593.75	42		
311	-148	-147	Max	410.00	15.97	34	-2.69	38	-6.91	38	-399.89	38	0.00	38	-0.01	42
311	-148	-147	Min.	0.00	15.76	38	-2.82	42	4.11	38	399.89	38	0.00	34	-0.01	38
311	-148	-147	Min.	205.00					-1.40	38			409.89	38		
311	-148	-147	Min.	410.00	15.76	38	-2.82	42	-7.31	42	-579.27	42	0.00	34	-0.01	38

311	-147	-137	Max	0.00	2.77	38	-4.24	38	9.54	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	2.77	38	-4.24	38	-8.67	38	-399.89	38	0.00	34	0.00	42
311	-147	-137	Min.	0.00	-0.06	42	-4.64	42	8.72	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	-0.06	42	-4.64	42	-9.50	42	-579.27	42	0.00	34	0.00	38
311	-137	-136	Max	0.00	-13.24	38	-2.51	38	8.22	42	843.35	42	0.00	34	0.00	42
311	-137	-136	Max	295.00					0.16	42			1243.94	42		
311	-137	-136	Max	590.00	-13.24	38	-2.51	38	-7.27	38	-585.22	38	0.00	38	0.00	42
311	-137	-136	Min.	0.00	-18.69	42	-2.73	42	7.53	38	585.22	38	0.00	34	0.00	38
311	-137	-136	Min.	295.00					0.13	38			863.20	38		
311	-137	-136	Min.	590.00	-18.69	42	-2.73	42	-7.89	42	-843.35	42	0.00	42	0.00	38
311	-136	-135	Max	0.00	-35.61	38	-1.80	38	6.08	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	-35.61	38	-1.80	38	-4.84	38	-585.22	38	0.00	42	-0.11	34
311	-136	-135	Min.	0.00	-44.93	42	-1.87	42	5.77	38	585.22	38	0.00	34	-0.13	38
311	-136	-135	Min.	295.00					0.47	38			863.20	38		
311	-136	-135	Min.	590.00	-44.93	42	-1.87	42	-4.94	42	-843.35	42	0.00	38	-0.13	38
312	409	415	Max	17.50	484.11	42	-21.82	34	16.93	38	879.11	42	0.00	34	43.38	42
312	409	415	Max	207.50					-27.52	42			835.15	42		
312	409	415	Max	397.50	484.11	42	-21.82	34	-66.00	38	-691.49	38	0.00	34	43.38	42
312	409	415	Min.	17.50	475.89	38	-22.53	42	14.51	34	691.49	38	0.00	34	40.45	38
312	409	415	Min.	207.50					-24.53	38			656.91	38		
312	409	415	Min.	397.50	475.89	38	-22.53	42	-70.33	42	-879.11	42	0.00	38	40.45	38
312	415	421	Max	12.50	304.46	38	-44.88	38	101.26	42	797.13	42	-323.35	38	21.38	42
312	415	421	Max	184.78					11.16	42			301.66	42		
312	415	421	Max	397.50	304.46	38	-44.88	38	-86.30	38	-764.44	38	-569.20	38	21.38	42
312	415	421	Min.	12.50	297.98	42	-52.30	42	86.51	38	636.73	38	-385.00	42	17.54	38
312	415	421	Min.	187.45					7.98	38			233.64	38		
312	415	421	Min.	397.50	297.98	42	-52.30	42	-100.08	42	-984.22	42	-745.14	42	17.54	38
312	421	427	Max	12.50	131.44	38	-20.64	38	66.15	42	1284.77	42	-898.62	38	8.41	42
312	421	427	Max	290.18					0.49	42			654.13	42		
312	421	427	Max	577.50	131.44	38	-20.64	38	-58.87	38	-1042.18	38	-978.01	38	8.41	42
312	421	427	Min.	12.50	109.90	42	-23.65	42	57.75	38	1014.08	38	-1129.62	42	7.38	38
312	421	427	Min.	291.14					0.24	38			514.19	38		
312	421	427	Min.	577.50	109.90	42	-23.65	42	-67.46	42	-1329.42	42	-1255.75	42	7.38	38
312	427	433	Max	12.50	-7.76	38	-3.76	42	27.14	38	1485.40	42	-1211.10	38	-20.36	38
312	427	433	Max	333.54					14.23	42			866.71	42		
312	427	433	Max	577.50	-7.76	38	-3.76	42	5.06	42	-881.19	38	-380.87	38	-20.36	38
312	427	433	Min.	12.50	-37.77	42	-5.30	38	26.31	42	1175.07	38	-1517.62	42	-26.77	42
312	427	433	Min.	335.38					10.02	38			685.91	38		
312	427	433	Min.	577.50	-37.77	42	-5.30	38	-2.82	38	-1128.80	42	-510.22	42	-26.77	42
313	-9	-10	Max	0.00	344.55	42	20.40	42	-41.45	38	1021.67	42	0.00	34	12.97	34
313	-9	-10	Max	205.00					-4.39	42			1047.21	42		
313	-9	-10	Max	410.00	344.55	42	20.40	42	37.44	42	-795.66	38	0.00	38	12.97	34
313	-9	-10	Min.	0.00	320.95	38	18.05	38	-46.22	42	795.66	38	0.00	34	12.31	38
313	-9	-10	Min.	205.00					-4.44	38			815.55	38		
313	-9	-10	Min.	410.00	320.95	38	18.05	38	32.57	38	-1021.67	42	0.00	42	12.31	38
313	-10	-11	Max	0.00	134.56	38	18.15	38	-36.91	34	816.50	42	-194.00	38	0.58	34
313	-10	-11	Max	164.00					-7.16	42			428.17	42		
313	-10	-11	Max	410.00	134.56	38	18.15	38	37.46	42	-952.93	38	-838.82	38	0.58	34
313	-10	-11	Min.	0.00	123.13	42	18.14	34	-37.08	38	638.38	38	-240.68	42	0.37	38
313	-10	-11	Min.	164.38					-7.24	38			331.01	38		
313	-10	-11	Min.	410.00	123.13	42	18.14	34	37.34	38	-1226.84	42	-1081.86	42	0.37	38
313	-11	-41	Max	0.00	-41.63	38	9.06	42	-26.56	38	1406.75	42	-955.27	38	-0.27	42
313	-11	-41	Max	176.67	-41.63	38	9.06	42	-10.66	38	526.29	42	483.83	42	-0.27	42
313	-11	-41	Min.	0.00	-82.30	42	9.00	38	-26.73	42	1096.28	38	-1223.69	42	-0.45	38
313	-11	-41	Min.	176.67	-82.30	42	9.00	38	-10.73	42	410.59	38	375.80	38	-0.45	38
313	-41	-42	Max	0.00	-41.63	38	9.06	42	-10.66	38	526.27	42	483.85	42	-0.27	42
313	-41	-42	Max	105.60					-1.17	42			761.71	42		
313	-41	-42	Max	191.67	-41.63	38	9.06	42	6.63	42	-333.33	38	577.12	42	-0.27	42
313	-41	-42	Min.	0.00	-82.30	42	9.00	38	-10.73	42	410.58	38	375.81	38	-0.45	38
313	-41	-42	Min.	105.78					-1.13	38			592.98	38		
313	-41	-42	Min.	191.67	-82.30	42	9.00	38	6.60	38	-428.95	42	449.84	38	-0.45	38
313	-42	-12	Max	0.00	-41.63	38	9.06	42	6.63	42	-333.30	38	577.14	42	-0.27	42
313	-42	-12	Max	221.67	-41.63	38	9.06	42	26.71	42	-1193.65	38	-1242.51	38	-0.27	42
313	-42	-12	Min.	0.00	-82.30	42	9.00	38	6.60	38	-428.91	42	449.86	38	-0.45	38
313	-42	-12	Min.	221.67	-82.30	42	9.00	38	26.56	38	-1533.65	42	-1598.03	42	-0.45	38
313	-12	-43	Max	0.00	-158.31	38	9.79	42	-27.42	38	1675.54	42	-1330.43	38	-1.51	42
313	-12	-43	Max	161.67	-158.31	38	9.79	42	-11.87	38	869.83	42	355.07	42	-1.51	42
313	-12	-43	Min.	0.00	-213.29	42	9.61	38	-27.93	42	1307.21	38	-1702.44	42	-2.55	38
313	-12	-43	Min.	161.67	-213.29	42	9.61	38	-12.10	42	679.74	38	275.69	38	-2.55	38
313	-43	-44	Max	0.00	-158.31	38	9.79	42	-11.87	38	869.82	42	355.10	42	-1.51	42
313	-43	-44	Max	174.53					4.99	42			1114.15	42		
313	-43	-44	Max	191.67	-158.31	38	9.79	42	6.67	42	-64.18	38	1106.83	42	-1.51	42
313	-43	-44	Min.	0.00	-213.29	42	9.61	38	-12.10	42	679.73	38	275.72	38	-2.55	38
313	-43	-44	Min.	175.13					4.96	38			870.93	38		
313	-43	-44	Min.	191.67	-213.29	42	9.61	38	6.55	38	-85.40	42	865.62	38	-2.55	38
313	-44	-13	Max	0.00	-158.31	38	9.79	42	6.67	42	-64.15	38	1106.84	42	-1.51	42
313	-44	-13	Max	236.67	-158.31	38	9.79	42	29.84	42	-982.72	38	-373.17	38	-1.51	42
313	-44	-13	Min.	0.00	-213.29	42	9.61	38	6.55	38	-85.37	42	865.63	38	-2.55	38
313	-44	-13	Min.	236.67	-213.29	42	9.61	38	29.31	38	-1264.86	42	-490.93	42	-2.55	38
314	410	416	Max	17.50	-10.16	38	21.75	42	-3.98	38	879.11	42	0.00	34	-33.08	38
314	410	416	Max	207.50					27.98	42			835.15	42		
314	410	416	Max	397.50	-10.16	38	21.75	42	69.30	42	-691.49	38	0.00	34	-33.08	38
314	410	416	Min.	17.50	-12.07	34	15.37	38	-13.34	42	691.49	38	0.00	34	-40.08	42
314	410	416	Min.	207.50					25.22	38			656.91	38		
314	410	416	Min.	397.50	-12.07	34	15.37	38	54.42	38	-879.11	42	0.00	38	-40.08	42
314	416	422	Max	12.50	-34.65	38	63.00	42	-109.56	38	790.60	42	-312.74	38	-16.53	38
314	416	422	Max	183.37					-15.09	42			304.29	42		

314	416	422	Max	397.50	-34.65	38	63.00	42	119.81	42	-769.42	38	-577.76	38	-16.53	38
314	416	422	Min.	12.50	-46.75	42	56.14	38	-122.74	42	631.75	38	-371.17	42	-20.91	42
314	416	422	Min.	186.09					-12.11	38			235.57	38		
314	416	422	Min.	397.50	-46.75	42	56.14	38	106.59	38	-990.75	42	-756.46	42	-20.91	42
314	422	428	Max	12.50	-78.94	38	28.43	42	-70.92	38	1282.33	42	-893.52	38	-5.98	38
314	422	428	Max	289.65					-0.60	42			654.27	42		
314	422	428	Max	577.50	-78.94	38	28.43	42	81.23	42	-1043.97	38	-983.01	38	-5.98	38
314	422	428	Min.	12.50	-104.11	42	25.42	38	-79.38	42	1012.29	38	-1122.70	42	-7.59	42
314	422	428	Min.	290.65					-0.23	38			514.32	38		
314	422	428	Min.	577.50	-104.11	42	25.42	38	72.68	38	-1331.87	42	-1262.64	42	-7.59	42
314	428	434	Max	12.50	-104.73	38	9.87	38	-39.70	42	1481.41	42	-1203.81	38	32.47	42
314	428	434	Max	332.67					-12.27	42			863.77	42		
314	428	434	Max	577.50	-104.73	38	9.87	38	15.88	38	-884.12	38	-390.13	38	32.47	42
314	428	434	Min.	12.50	-136.51	42	8.57	42	-39.86	38	1172.14	38	-1507.77	42	29.91	38
314	428	434	Min.	334.57					-8.09	38			683.75	38		
314	428	434	Min.	577.50	-136.51	42	8.57	42	8.71	42	-1132.78	42	-522.90	42	29.91	38
315	-150	-149	Max	0.00	34.87	38	1.23	42	-0.48	38	579.27	42	0.00	34	-0.13	34
315	-150	-149	Max	205.00					1.48	42			593.75	42		
315	-150	-149	Max	410.00	34.87	38	1.23	42	3.99	42	-399.89	38	0.00	34	-0.13	34
315	-150	-149	Min.	0.00	34.53	42	0.89	38	-1.04	42	399.89	38	0.00	34	-0.13	38
315	-150	-149	Min.	205.00					1.34	38			409.89	38		
315	-150	-149	Min.	410.00	34.53	42	0.89	38	3.17	38	-579.27	42	0.00	34	-0.13	38
315	-149	-140	Max	0.00	7.70	38	3.34	42	-5.91	38	579.27	42	0.00	34	-0.01	38
315	-149	-140	Max	205.00					0.03	42			593.75	42		
315	-149	-140	Max	410.00	7.70	38	3.34	42	6.87	42	-399.89	38	0.00	34	-0.01	38
315	-149	-140	Min.	0.00	4.11	42	2.90	38	-6.81	42	399.89	38	0.00	34	-0.01	42
315	-149	-140	Min.	205.00					0.04	38			409.89	38		
315	-149	-140	Min.	410.00	4.11	42	2.90	38	5.98	38	-579.26	42	0.00	38	-0.01	42
315	-140	-139	Max	0.00	-10.84	38	1.98	42	-5.26	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	-10.84	38	1.98	42	5.70	42	-585.22	38	0.00	38	-0.01	34
315	-140	-139	Min.	0.00	-17.29	42	1.75	38	-5.97	42	585.22	38	0.00	34	-0.01	38
315	-140	-139	Min.	295.00					-0.11	38			863.20	38		
315	-140	-139	Min.	590.00	-17.29	42	1.75	38	5.05	38	-843.35	42	0.00	42	-0.01	38
315	-139	-138	Max	0.00	-32.71	38	1.15	42	-3.59	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	-32.71	38	1.15	42	2.84	42	-585.22	38	0.00	42	0.05	42
315	-139	-138	Min.	0.00	-42.62	42	1.06	38	-3.95	42	585.22	38	0.00	34	0.03	38
315	-139	-138	Min.	295.00					-0.45	38			863.20	38		
315	-139	-138	Min.	590.00	-42.62	42	1.06	38	2.69	38	-843.35	42	0.00	38	0.03	38
316	311	317	Max	17.50	321.26	38	40.90	42	-44.51	38	769.30	42	0.00	34	54.99	42
316	311	317	Max	207.50					23.66	42			730.83	42		
316	311	317	Max	397.50	321.26	38	40.90	42	101.38	42	-617.06	38	0.00	34	54.99	42
316	311	317	Min.	17.50	303.35	42	34.80	38	-54.05	42	617.06	38	0.00	34	45.25	38
316	311	317	Min.	207.50					21.62	38			586.21	38		
316	311	317	Min.	397.50	303.35	42	34.80	38	87.74	38	-769.30	42	0.00	42	45.25	38
316	317	323	Max	12.50	152.71	38	72.63	42	-126.62	38	700.17	42	-296.48	38	11.73	42
316	317	323	Max	185.43					-14.16	42			258.21	42		
316	317	323	Max	397.50	152.71	38	72.63	42	139.87	42	-680.08	38	-507.84	38	11.73	42
316	317	323	Min.	12.50	119.89	42	65.69	38	-139.76	42	570.28	38	-347.18	42	9.06	38
316	317	323	Min.	188.10					-11.28	38			204.21	38		
316	317	323	Min.	397.50	119.89	42	65.69	38	126.28	38	-858.67	42	-652.28	42	9.06	38
316	323	329	Max	12.50	-9.68	38	34.56	42	-87.43	38	1124.91	42	-801.77	38	5.03	42
316	323	329	Max	290.33					-0.70	42			574.21	42		
316	323	329	Max	577.50	-9.68	38	34.56	42	98.53	42	-929.68	38	-870.80	38	5.03	42
316	323	329	Min.	12.50	-56.74	42	31.26	38	-96.71	42	905.25	38	-988.46	42	3.87	38
316	323	329	Min.	291.24					-0.28	38			459.87	38		
316	323	329	Min.	577.50	-56.74	42	31.26	38	89.22	38	-1162.74	42	-1095.32	42	3.87	38
316	329	335	Max	12.50	-126.57	38	27.32	42	-76.36	38	1273.72	42	-1052.97	38	-7.19	38
316	329	335	Max	327.08					3.30	42			715.99	42		
316	329	335	Max	577.50	-126.57	38	27.32	42	71.71	42	-805.68	38	-421.38	38	-7.19	38
316	329	335	Min.	12.50	-178.38	42	25.58	38	-82.63	42	1029.25	38	-1287.45	42	-14.31	42
316	329	335	Min.	329.42					4.72	38			577.99	38		
316	329	335	Min.	577.50	-178.38	42	25.58	38	68.18	38	-1013.93	42	-553.54	42	-14.31	42
317	-153	-151	Max	0.00	-62.02	38	3.15	42	-4.85	38	479.07	42	0.00	34	0.63	42
317	-153	-151	Max	205.00					1.17	42			491.05	42		
317	-153	-151	Max	410.00	-62.02	38	3.15	42	7.63	42	-331.98	38	0.00	34	0.63	42
317	-153	-151	Min.	0.00	-69.12	42	2.89	38	-5.29	42	331.98	38	0.00	34	0.53	38
317	-153	-151	Min.	205.00					1.07	38			340.28	38		
317	-153	-151	Min.	410.00	-69.12	42	2.89	38	6.99	38	-479.07	42	0.00	38	0.53	38
317	-151	-145	Max	0.00	-9.17	38	4.90	42	-9.23	38	479.07	42	0.00	34	0.09	42
317	-151	-145	Max	205.00					0.01	42			491.05	42		
317	-151	-145	Max	410.00	-9.17	38	4.90	42	10.06	42	-331.98	38	0.00	42	0.09	42
317	-151	-145	Min.	0.00	-11.11	42	4.51	38	-10.03	42	331.98	38	0.00	34	0.06	38
317	-151	-145	Min.	205.00					0.01	38			340.28	38		
317	-151	-145	Min.	410.00	-11.11	42	4.51	38	9.25	38	-479.07	42	0.00	38	0.06	38
317	-145	-143	Max	0.00	18.27	42	3.04	42	-8.35	38	699.17	42	0.00	34	0.09	42
317	-145	-143	Max	295.00					-0.09	42			1031.27	42		
317	-145	-143	Max	590.00	18.27	42	3.04	42	8.89	42	-487.50	38	0.00	38	0.09	42
317	-145	-143	Min.	0.00	17.95	38	2.80	38	-9.07	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	17.95	38	2.80	38	8.20	38	-699.17	42	0.00	34	0.06	38
317	-143	-141	Max	0.00	27.65	42	2.62	42	-7.47	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	27.65	42	2.62	42	7.32	42	-487.50	38	0.00	42	-0.30	38
317	-143	-141	Min.	0.00	26.03	38	2.42	38	-8.12	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	26.03	38	2.42	38	6.82	38	-699.17	42	0.00	38	-0.39	42
318	-154	-152	Max	0.00	75.92	42	2.68	42	-4.24	38	474.30	42	0.00	34	0.06	38
318	-154	-152	Max	205.00					0.92	42			486.16	42		

318	-154	-152	Max	410.00	75.92	42	2.68	42	6.42	42	-328.75	38	0.00	42	0.06	38
318	-154	-152	Min.	0.00	69.86	38	2.48	38	-4.58	42	328.75	38	0.00	34	-0.01	42
318	-154	-152	Min.	205.00					0.85	38			336.97	38		
318	-154	-152	Min.	410.00	69.86	38	2.48	38	5.94	38	-474.30	42	0.00	34	-0.01	42
318	-152	-146	Max	0.00	19.59	42	4.14	42	-7.83	38	474.30	42	0.00	34	-0.13	38
318	-152	-146	Max	205.00					0.01	42			486.16	42		
318	-152	-146	Max	410.00	19.59	42	4.14	42	8.51	42	-328.75	38	0.00	42	-0.13	38
318	-152	-146	Min.	0.00	17.86	38	3.82	38	-8.48	42	328.75	38	0.00	34	-0.17	42
318	-152	-146	Min.	205.00					0.01	38			336.97	38		
318	-152	-146	Min.	410.00	17.86	38	3.82	38	7.84	38	-474.30	42	0.00	34	-0.17	42
318	-146	-144	Max	0.00	-6.63	38	2.59	42	-7.11	38	692.30	42	0.00	34	-0.09	38
318	-146	-144	Max	295.00					-0.06	42			1021.14	42		
318	-146	-144	Max	590.00	-6.63	38	2.59	42	7.59	42	-482.85	38	0.00	42	-0.09	38
318	-146	-144	Min.	0.00	-8.34	42	2.39	38	-7.72	42	482.85	38	0.00	34	-0.13	42
318	-146	-144	Min.	295.00					-0.05	38			712.20	38		
318	-146	-144	Min.	590.00	-8.34	42	2.39	38	7.01	38	-692.30	42	0.00	34	-0.13	42
318	-144	-142	Max	0.00	-27.97	38	2.27	42	-6.51	38	692.30	42	0.00	34	0.44	42
318	-144	-142	Max	295.00					-0.36	42			1021.14	42		
318	-144	-142	Max	590.00	-27.97	38	2.27	42	6.33	42	-482.85	38	0.00	42	0.44	42
318	-144	-142	Min.	0.00	-32.92	42	2.10	38	-7.06	42	482.85	38	0.00	34	0.29	38
318	-144	-142	Min.	295.00					-0.30	38			712.20	38		
318	-144	-142	Min.	590.00	-32.92	42	2.10	38	5.90	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	-205.20	34	711.98	38	590.55	42
501	1	2	Max	337.71									15.68	38		
501	1	2	Max	416.50	0.00	34	0.00	34	0.00	34	369.07	42	324.11	42	590.55	42
501	1	2	Min.	12.50	0.00	34	0.00	34	0.00	34	-340.44	38	275.86	42	551.29	38
501	1	2	Min.	228.87									3.00	42		
501	1	2	Min.	416.50	0.00	34	0.00	34	0.00	34	146.52	38	72.06	38	551.29	38
501	2	3	Max	12.50	0.00	34	0.00	34	0.00	34	-539.91	34	608.40	38	127.26	42
501	2	3	Max	227.59									-12.43	42		
501	2	3	Max	337.50	0.00	34	0.00	34	0.00	34	285.74	42	144.70	42	127.26	42
501	2	3	Min.	12.50	0.00	34	0.00	34	0.00	34	-554.36	42	575.97	34	123.21	38
501	2	3	Min.	263.43									-77.06	38		
501	2	3	Min.	337.50	0.00	34	0.00	34	0.00	34	160.79	38	-17.59	38	123.21	38
501	3	4	Max	12.50	0.00	34	0.00	34	0.00	34	-610.95	34	633.98	38	-47.73	38
501	3	4	Max	285.94									-264.06	34		
501	3	4	Max	428.50	0.00	34	0.00	34	0.00	34	307.80	42	-49.42	42	-47.73	38
501	3	4	Min.	12.50	0.00	34	0.00	34	0.00	34	-627.37	42	535.66	34	-53.98	42
501	3	4	Min.	336.79									-303.99	38		
501	3	4	Min.	428.50	0.00	34	0.00	34	0.00	34	156.13	38	-233.32	38	-53.98	42
501	4	5	Max	12.50	0.00	34	0.00	34	0.00	34	-359.41	34	407.38	38	-35.48	38
501	4	5	Max	204.88									42.11	38		
501	4	5	Max	337.50	0.00	34	0.00	34	0.00	34	401.80	42	378.09	42	-35.48	38
501	4	5	Min.	12.50	0.00	34	0.00	34	0.00	34	-375.98	38	325.71	34	-51.33	42
501	4	5	Min.	169.78									39.79	42		
501	4	5	Min.	337.50	0.00	34	0.00	34	0.00	34	260.60	38	215.84	38	-51.33	42
501	5	6	Max	12.50	0.00	34	0.00	34	0.00	34	-721.46	34	941.81	38	-520.08	38
501	5	6	Max	416.50	0.00	34	0.00	34	0.00	34	-218.13	42	-801.44	34	-520.08	38
501	5	6	Min.	12.50	0.00	34	0.00	34	0.00	34	-758.08	38	847.14	34	-565.39	42
501	5	6	Min.	416.50	0.00	34	0.00	34	0.00	34	-367.22	38	-1087.97	38	-565.39	42
506	31	32	Max	12.50	0.00	34	0.00	34	0.00	34	138.91	34	719.86	38	-96.00	38
506	31	32	Max	416.50	0.00	34	0.00	34	0.00	34	-326.09	42	-278.28	42	-96.00	38
506	31	32	Min.	12.50	0.00	34	0.00	34	0.00	34	-31.51	38	186.72	42	-114.87	42
506	31	32	Min.	416.50	0.00	34	0.00	34	0.00	34	-551.65	38	-521.06	38	-114.87	42
506	32	33	Max	12.50	0.00	34	0.00	34	0.00	34	169.63	38	164.54	42	-8.39	38
506	32	33	Max	337.50	0.00	34	0.00	34	0.00	34	-181.13	42	159.18	42	-8.39	38
506	32	33	Min.	12.50	0.00	34	0.00	34	0.00	34	145.36	42	121.62	38	-21.24	42
506	32	33	Min.	337.50	0.00	34	0.00	34	0.00	34	-272.36	38	5.54	38	-21.24	42
506	33	-6	Max	12.50	0.00	34	0.00	34	0.00	34	-474.66	38	471.31	38	19.62	42
506	33	-6	Max	220.50	0.00	34	0.00	34	0.00	34	-973.17	38	-997.85	38	19.62	42
506	33	-6	Min.	12.50	0.00	34	0.00	34	0.00	34	-545.25	42	422.34	34	11.19	38
506	33	-6	Min.	220.50	0.00	34	0.00	34	0.00	34	-1007.69	42	-1138.56	42	11.19	38
506	-6	34	Max	0.00	0.00	34	0.00	34	0.00	34	869.34	42	-989.23	38	-20.60	38
506	-6	34	Max	208.00	0.00	34	0.00	34	0.00	34	392.11	42	140.03	42	-20.60	38
506	-6	34	Min.	0.00	0.00	34	0.00	34	0.00	34	741.58	38	-1133.44	42	-34.36	42
506	-6	34	Min.	208.00	0.00	34	0.00	34	0.00	34	218.15	38	-23.02	38	-34.36	42
506	34	35	Max	12.50	0.00	34	0.00	34	0.00	34	49.95	34	453.50	38	31.64	42
506	34	35	Max	337.50	0.00	34	0.00	34	0.00	34	-295.55	42	-26.98	42	31.64	42
506	34	35	Min.	12.50	0.00	34	0.00	34	0.00	34	38.61	38	415.61	34	21.25	38
506	34	35	Min.	337.50	0.00	34	0.00	34	0.00	34	-419.38	38	-196.79	38	21.25	38
506	35	36	Max	12.50	0.00	34	0.00	34	0.00	34	-5.15	34	253.15	38	104.60	42
506	35	36	Max	416.50	0.00	34	0.00	34	0.00	34	-589.93	42	-944.89	34	104.60	42
506	35	36	Min.	12.50	0.00	34	0.00	34	0.00	34	-32.90	38	170.26	34	75.14	38
506	35	36	Min.	416.50	0.00	34	0.00	34	0.00	34	-720.44	38	-1197.55	38	75.14	38
507	1	7	Max	17.50	0.00	34	0.00	34	0.00	34	468.12	38	-1181.04	38	124.39	38
507	1	7	Max	617.50	0.00	34	0.00	34	0.00	34	134.90	42	78.18	42	124.39	38
507	1	7	Min.	17.50	0.00	34	0.00	34	0.00	34	442.30	42	-1282.00	42	13.91	42
507	1	7	Min.	617.50	0.00	34	0.00	34	0.00	34	32.77	38	-21.97	38	13.91	42
507	7	13	Max	17.50	0.00	34	0.00	34	0.00	34	-606.29	38	1488.06	42	34.56	38
507	7	13	Max	397.50	0.00	34	0.00	34	0.00	34	-629.13	42	-787.20	34	34.56	38
507	7	13	Min.	17.50	0.00	34	0.00	34	0.00	34	-716.34	42	1347.05	38	-28.29	42
507	7	13	Min.	397.50	0.00	34	0.00	34	0.00	34	-657.67	38	-789.32	42	-28.29	42
507	13	19	Max	12.50	0.00	34	0.00	34	0.00	34	419.81	38	-608.57	38	-12.25	38
507	13	19	Max	397.50	0.00	34	0.00	34	0.00	34	-77.05	42	-56.82	42	-12.25	38
507	13	19	Min.	12.50	0.00	34	0.00	34	0.00	34	389.98	42	-628.91	42	-34.86	42
507	13	19	Min.	397.50	0.00	34	0.00	34	0.00	34	-164.22	38	-139.94	38	-34.86	42
507	19	25	Max	12.50	0.00	34	0.00	34	0.00	34	260.59	38	-103.17	42	-15.63	42
507	19	25	Max	577.50	0.00	34	0.00	34	0.00	34	-139.40	42	-86.97	42	-15.63	42
507	19	25	Min.	12.50	0.00	34	0.00	34	0.00	34	183.61	42	-155.82	38	-34.98	38
507	19	25	Min.	577.50	0.00	34	0.00	34	0.00	34	-250.40	38	-211.89	38	-34.98	38

507	25	31	Max	12.50	0.00	34	0.00	34	0.00	34	237.90	38	-0.21	42	19.06	42
507	25	31	Max	577.50	0.00	34	0.00	34	0.00	34	-439.36	42	-487.66	38	19.06	42
507	25	31	Min.	12.50	0.00	34	0.00	34	0.00	34	130.90	42	-107.20	38	-123.64	38
507	25	31	Min.	577.50	0.00	34	0.00	34	0.00	34	-493.69	38	-507.79	42	-123.64	38
519	6	12	Max	17.50	0.00	34	0.00	34	0.00	34	396.62	34	-1237.70	38	271.31	38
519	6	12	Max	617.50	0.00	34	0.00	34	0.00	34	194.71	42	161.82	42	271.31	38
519	6	12	Min.	17.50	0.00	34	0.00	34	0.00	34	392.73	38	-1310.41	42	220.03	34
519	6	12	Min.	617.50	0.00	34	0.00	34	0.00	34	132.89	38	119.81	38	220.03	34
519	12	18	Max	17.50	0.00	34	0.00	34	0.00	34	-585.74	38	1444.36	42	120.61	42
519	12	18	Max	397.50	0.00	34	0.00	34	0.00	34	-604.59	42	-736.42	38	120.61	42
519	12	18	Min.	17.50	0.00	34	0.00	34	0.00	34	-704.74	42	1272.42	38	115.40	34
519	12	18	Min.	397.50	0.00	34	0.00	34	0.00	34	-616.48	38	-758.43	42	115.40	34
519	18	24	Max	12.50	0.00	34	0.00	34	0.00	34	451.32	38	-664.02	34	55.29	42
519	18	24	Max	397.50	0.00	34	0.00	34	0.00	34	-56.49	42	-19.68	42	55.29	42
519	18	24	Min.	12.50	0.00	34	0.00	34	0.00	34	408.41	42	-670.32	38	46.35	38
519	18	24	Min.	397.50	0.00	34	0.00	34	0.00	34	-129.69	38	-77.03	38	46.35	38
519	24	30	Max	12.50	0.00	34	0.00	34	0.00	34	278.24	38	-131.45	42	-32.21	34
519	24	30	Max	577.50	0.00	34	0.00	34	0.00	34	-124.07	42	-56.69	42	-32.21	34
519	24	30	Min.	12.50	0.00	34	0.00	34	0.00	34	193.72	42	-204.33	38	-44.67	38
519	24	30	Min.	577.50	0.00	34	0.00	34	0.00	34	-224.88	38	-160.98	38	-44.67	38
519	30	36	Max	12.50	0.00	34	0.00	34	0.00	34	238.19	38	-42.71	42	-282.13	34
519	30	36	Max	577.50	0.00	34	0.00	34	0.00	34	-356.24	38	-339.01	38	-282.13	34
519	30	36	Min.	12.50	0.00	34	0.00	34	0.00	34	130.57	42	-179.47	38	-327.24	38
519	30	36	Min.	577.50	0.00	34	0.00	34	0.00	34	-362.25	34	-419.91	42	-327.24	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	-4328.08	39	1183.02	35	-625.94	39	52.59	39	178.19	43	0.10	43
1	1	101	Max	71.78					3.40	39			41.92	39		
1	1	101	Max	310.50	-3686.05	39	1183.02	35	2833.10	35	-153.14	43	-231.63	39	0.10	43
1	1	101	Min.	17.00	-4434.24	35	1148.93	39	-639.06	35	-153.14	43	27.51	39	-0.97	39
1	1	101	Min.	69.64					-16.34	35			41.85	35		
1	1	101	Min.	310.50	-3792.21	35	1148.93	39	2746.17	39	-231.23	35	-271.27	43	-0.97	39
2	2	302	Max	17.00	-7449.23	39	2005.29	35	-439.02	39	45.60	39	75.49	43	0.10	43
2	2	302	Max	310.50	-6807.20	39	2005.29	35	5434.77	35	45.60	39	80.78	39	0.10	43
2	2	302	Min.	17.00	-7647.90	35	1946.12	39	-450.76	35	-31.54	43	-53.04	39	-0.97	39
2	2	302	Min.	310.50	-7005.87	35	1946.12	39	5272.85	39	-31.54	43	-17.09	43	-0.97	39
3	3	403	Max	17.00	-7540.17	43	1961.13	35	-242.83	39	73.30	35	-18.37	43	0.10	43
3	3	403	Max	310.50	-6898.14	43	1961.13	35	5507.11	35	73.30	35	70.57	35	0.10	43
3	3	403	Min.	17.00	-7755.98	35	1902.83	39	-248.80	35	-5.18	43	-144.55	35	-0.97	39
3	3	403	Min.	310.50	-7113.95	35	1902.83	39	5341.96	39	-5.18	43	-33.57	43	-0.97	39
4	4	404	Max	17.00	-6996.59	39	1666.74	35	-77.17	43	94.86	39	-2.44	43	0.10	43
4	4	404	Max	310.50	-6354.56	39	1666.74	35	4807.90	35	94.86	39	151.12	39	0.10	43
4	4	404	Min.	17.00	-7197.61	35	1607.46	43	-83.97	35	17.27	43	-127.31	39	-0.97	39
4	4	404	Min.	310.50	-6555.58	35	1607.46	43	4640.73	43	17.27	43	48.25	43	-0.97	39
5	5	305	Max	17.00	-7456.52	43	2011.25	35	-475.19	43	101.10	35	-57.55	43	0.10	43
5	5	305	Max	310.50	-6814.49	43	2011.25	35	5413.20	35	101.10	35	107.49	35	0.10	43
5	5	305	Min.	17.00	-7671.88	35	1949.18	43	-489.82	35	20.91	43	-189.24	35	-0.97	39
5	5	305	Min.	310.50	-7029.85	35	1949.18	43	5245.66	43	20.91	43	3.83	43	-0.97	39
6	6	106	Max	17.00	-4346.66	43	1194.65	35	-634.86	43	285.69	35	-184.94	43	0.10	43
6	6	106	Max	310.50	-3704.63	43	1194.65	35	2848.73	35	156.43	43	327.69	35	0.10	43
6	6	106	Min.	17.00	-4476.90	35	1153.83	43	-657.55	35	156.43	43	-304.07	35	-0.97	39
6	6	106	Min.	310.50	-3834.87	35	1153.83	43	2751.64	43	142.80	39	274.18	43	-0.97	39
7	7	107	Max	17.00	-5460.61	39	-1238.62	43	1154.10	35	0.54	39	66.24	43	0.10	43
7	7	107	Max	17.59					1121.30	39			18.58	39		
7	7	107	Max	310.53	-4818.51	39	-1238.62	43	-2529.70	43	-162.19	43	-393.39	39	0.10	43
7	7	107	Min.	17.00	-5655.84	35	-1284.84	35	1106.04	43	-162.19	43	18.58	39	-0.97	39
7	7	107	Min.	17.59					1121.30	39			18.58	39		
7	7	107	Min.	310.53	-5013.74	35	-1284.84	35	-2617.30	35	-293.33	35	-427.39	35	-0.97	39
8	8	-155	Max	0.00	-9337.89	43	-1926.15	43	468.88	35	10.15	35	8.95	43	0.10	43
8	8	-155	Max	305.50	-8669.61	43	-1926.15	43	-5429.94	43	10.15	35	7.75	35	0.10	43
8	8	-155	Min.	0.00	-9664.82	35	-1980.57	35	454.44	43	-24.90	43	-23.25	35	-0.94	39
8	8	-155	Min.	305.50	-8996.54	35	-1980.57	35	-5581.76	35	-24.90	43	-67.14	43	-0.94	39
8	-155	308	Max	17.50	-1427.73	43	-129.85	35	319.89	35	799.30	43	124.40	35	13.96	35
8	-155	308	Max	17.58	-1427.56	43	-129.85	35	319.80	35	799.30	43	124.94	35	13.96	35
8	-155	308	Min.	17.50	-1555.88	35	-139.02	43	306.69	39	644.52	39	54.46	43	11.76	43
8	-155	308	Min.	17.58	-1555.71	35	-139.02	43	306.59	39	644.52	39	55.06	43	11.76	43
9	9	-15	Max	0.00	-9634.43	43	-1910.73	43	464.28	35	39.12	35	-1.64	43	0.10	43
9	9	-15	Max	305.50	-8966.15	43	-1910.73	43	-5386.33	43	39.12	35	85.35	35	0.10	43
9	9	-15	Min.	0.00	-9975.31	35	-1964.30	35	450.96	43	3.17	43	-34.17	35	-0.94	39
9	9	-15	Min.	305.50	-9307.03	35	-1964.30	35	-5536.64	35	3.17	43	8.04	43	-0.94	39
9	-15	409	Max	17.50	-1616.42	43	-704.24	39	430.38	35	-282.29	43	34.33	39	182.07	35
9	-15	409	Max	42.09	-1562.63	43	-704.23	39	255.87	35	-282.29	43	-58.04	39	182.07	35
9	-15	409	Min.	17.50	-1756.12	35	-709.73	35	416.91	39	-405.00	35	-32.45	43	176.90	43
9	-15	409	Min.	42.09	-1702.34	35	-709.72	35	243.75	39	-404.99	35	-101.86	43	176.90	43
10	10	-16	Max	0.00	-8266.09	39	-1610.76	39	393.61	35	18.56	39	5.79	43	0.10	43
10	10	-16	Max	305.50	-7597.81	39	-1610.76	39	-4539.66	39	18.56	39	30.26	39	0.10	43
10	10	-16	Min.	0.00	-8592.91	35	-1662.95	35	381.20	39	-16.54	43	-26.43	39	-0.94	39
10	10	-16	Min.	305.50	-7924.63	35	-1662.95	35	-4686.71	35	-16.54	43	-44.74	43	-0.94	39
10	-16	410	Max	17.50	-1786.81	39	-79.29	43	64.06	35	571.30	43	106.28	35	-121.03	39
10	-16	410	Max	42.09	-1733.03	39	-79.29	43	42.47	35	571.29	43	230.07	35	-121.03	39
10	-16	410	Min.	17.50	-1913.08	35	-87.81	35	49.48	43	474.20	39	37.82	43	-125.09	35
10	-16	410	Min.	42.09	-1859.29	35	-87.81	35	29.98	43	474.19	39	178.29	43	-125.09	35
11	11	-7	Max	0.00	-9247.40	39	-1897.63	39	458.84	35	58.62	39	-9.17	43	0.10	43
11	11	-7	Max	305.50	-8579.12	39	-1897.63	39	-5350.61	39	58.62	39	137.54	39	0.10	43
11	11	-7	Min.	0.00	-9570.97	35	-1948.93	35	446.63	39	23.15	43	-41.53	39	-0.94	39
11	11	-7	Min.	305.50	-8902.69	35	-1948.93	35	-5495.13	35	23.15	43	61.55	43	-0.94	39
11	-7	311	Max	17.50	-1334.70	39	-341.57	43	396.38	35	-1117.47	43	-51.94	39	-75.22	39

11	-7	311	Max	17.58	-1334.54	39	-341.57	43	396.12	35	-1117.47	43	-52.88	39	-75.22	39
11	-7	311	Min.	17.50	-1461.52	35	-348.15	39	382.52	43	-1308.14	35	-116.14	43	-76.93	43
11	-7	311	Min.	17.58	-1461.36	35	-348.15	39	382.26	43	-1308.14	35	-116.98	43	-76.93	43
12	12	112	Max	17.00	-5486.79	43	-1227.29	39	1113.04	35	271.34	35	-68.37	43	0.10	43
12	12	112	Max	310.53	-4844.69	43	-1227.29	39	-2515.04	39	163.78	43	477.65	35	0.10	43
12	12	112	Min.	17.00	-5708.90	35	-1260.53	35	1087.43	39	163.78	43	-112.04	35	-0.97	39
12	12	112	Min.	310.53	-5066.80	35	-1260.53	35	-2586.99	35	118.33	39	412.37	43	-0.97	39
13	13	113	Max	17.00	-1832.12	43	-30.66	43	112.94	35	10.23	39	55.14	43	0.05	43
13	13	113	Max	27.66					107.65	39			10.81	39		
13	13	113	Max	310.53	-1373.48	43	-30.66	43	10.04	43	-147.95	43	-373.28	39	0.05	43
13	13	113	Min.	17.00	-1965.33	35	-38.11	39	100.04	43	-147.95	43	10.26	39	-0.47	39
13	13	113	Min.	27.66					107.65	39			10.81	39		
13	13	113	Min.	310.53	-1506.69	35	-38.11	39	-0.15	39	-293.67	35	-429.24	35	-0.47	39
14	14	314	Max	0.00	-2906.06	39	90.95	35	-79.72	39	81.72	35	-27.27	43	-16.48	43
14	14	314	Max	340.58	-2373.91	39	90.95	35	226.17	35	81.72	35	221.08	35	-16.48	43
14	14	314	Min.	0.00	-3165.09	35	85.35	39	-83.57	35	53.97	43	-57.24	35	-17.37	35
14	14	314	Min.	340.58	-2632.94	35	85.35	39	210.95	39	53.97	43	156.55	43	-17.37	35
15	15	415	Max	0.00	-3080.23	43	132.40	35	-134.12	39	-41.01	39	38.54	43	-8.56	43
15	15	415	Max	365.09	-2509.78	43	132.40	35	342.99	35	-41.01	39	-136.88	39	-8.56	43
15	15	415	Min.	0.00	-3316.48	35	124.55	39	-140.37	35	-61.13	43	12.83	39	-9.37	35
15	15	415	Min.	365.09	-2746.03	35	124.55	39	320.60	39	-61.13	43	-184.63	43	-9.37	35
16	16	416	Max	0.00	-3058.81	39	121.32	35	-118.22	43	83.74	35	-39.04	43	11.04	35
16	16	416	Max	365.09	-2488.36	39	121.32	35	317.86	35	83.74	35	239.34	35	11.04	35
16	16	416	Min.	0.00	-3288.12	35	113.06	43	-125.06	35	61.12	43	-66.39	35	10.56	39
16	16	416	Min.	365.09	-2717.67	35	113.06	43	294.55	43	61.12	43	184.11	43	10.56	39
17	17	317	Max	0.00	-2921.74	43	93.16	35	-80.20	43	-30.11	39	26.19	43	14.02	35
17	17	317	Max	340.58	-2389.59	43	93.16	35	231.55	35	-30.11	39	-103.79	39	14.02	35
17	17	317	Min.	0.00	-3189.86	35	86.28	43	-85.72	35	-52.97	43	-1.24	39	13.49	39
17	17	317	Min.	340.58	-2657.71	35	86.28	43	213.66	43	-52.97	43	-154.21	43	13.49	39
18	18	118	Max	17.00	-1834.30	43	-24.45	35	102.33	43	262.44	35	-56.48	43	0.05	43
18	18	118	Max	310.53	-1375.66	43	-24.45	35	20.20	35	149.40	43	461.84	35	0.05	43
18	18	118	Min.	17.00	-1972.60	35	-32.12	43	90.71	39	149.40	43	-101.70	35	-0.47	39
18	18	118	Min.	310.53	-1513.96	35	-32.12	43	8.06	43	99.35	39	382.03	43	-0.47	39
19	19	119	Max	17.00	-2449.32	43	50.53	43	-45.82	39	-20.49	39	73.40	43	0.05	43
19	19	119	Max	310.53	-1990.68	43	50.53	43	91.24	43	-179.69	43	-445.56	39	0.05	43
19	19	119	Min.	17.00	-2629.30	35	43.51	39	-57.10	43	-179.69	43	28.14	39	-0.47	39
19	19	119	Min.	310.53	-2170.66	35	43.51	39	81.91	39	-330.16	35	-515.91	35	-0.47	39
20	20	320	Max	0.00	-3370.74	39	98.37	35	-83.57	39	96.38	35	-33.22	43	-16.98	43
20	20	320	Max	340.58	-2838.59	39	98.37	35	247.54	35	96.38	35	262.95	35	-16.98	43
20	20	320	Min.	0.00	-3699.33	35	92.65	39	-87.50	35	65.89	43	-65.30	35	-17.96	35
20	20	320	Min.	340.58	-3167.18	35	92.65	39	231.99	39	65.89	43	191.19	43	-17.96	35
21	21	421	Max	0.00	-3686.33	43	135.92	35	-136.15	39	-65.19	39	54.14	43	-8.16	43
21	21	421	Max	365.09	-3115.88	43	135.92	35	354.21	35	-65.19	39	-210.67	39	-8.16	43
21	21	421	Min.	0.00	-4007.24	35	128.71	39	-142.03	35	-86.14	43	27.32	39	-9.01	35
21	21	421	Min.	365.09	-3436.79	35	128.71	39	333.74	39	-86.14	43	-260.36	43	-9.01	35
22	22	422	Max	0.00	-3685.35	39	123.94	35	-120.15	43	112.37	35	-54.72	43	10.42	35
22	22	422	Max	365.09	-3114.90	39	123.94	35	325.83	35	112.37	35	325.56	35	10.42	35
22	22	422	Min.	0.00	-3998.50	35	116.25	43	-126.66	35	86.52	43	-84.67	35	9.99	39
22	22	422	Min.	365.09	-3428.05	35	116.25	43	304.25	43	86.52	43	261.15	43	9.99	39
23	23	323	Max	0.00	-3388.33	43	100.03	35	-83.48	43	-40.88	39	32.23	43	14.17	35
23	23	323	Max	340.58	-2856.18	43	100.03	35	251.52	35	-40.88	39	-135.66	39	14.17	35
23	23	323	Min.	0.00	-3724.68	35	92.84	43	-89.17	35	-64.81	43	3.55	39	13.64	39
23	23	323	Min.	340.58	-3192.53	35	92.84	43	232.72	43	-64.81	43	-188.50	43	13.64	39
24	24	124	Max	17.00	-2451.14	43	58.54	35	-54.76	43	301.19	35	-74.45	43	0.05	43
24	24	124	Max	310.53	-1992.50	43	58.54	35	104.06	35	181.03	43	553.74	35	0.05	43
24	24	124	Min.	17.00	-2634.62	35	48.95	43	-67.78	35	181.03	43	-123.57	35	-0.47	39
24	24	124	Min.	310.53	-2175.98	35	48.95	43	88.94	43	132.30	39	456.95	43	-0.47	39
25	25	125	Max	17.00	-2756.38	39	-13.45	43	45.39	35	-47.85	39	120.70	43	0.05	43
25	25	125	Max	310.53	-2297.74	39	-13.45	43	-7.94	43	-216.45	43	-499.73	39	0.05	43
25	25	125	Min.	17.00	-2968.92	35	-21.54	35	31.53	43	-216.45	43	54.30	39	-0.47	39
25	25	125	Min.	310.53	-2510.28	35	-21.54	35	-18.23	39	-363.61	35	-581.71	35	-0.47	39
26	26	326	Max	0.00	-3835.78	39	65.75	35	-68.19	39	106.02	35	-36.26	43	-18.25	43
26	26	326	Max	340.58	-3303.63	39	65.75	35	153.65	35	106.02	35	290.20	35	-18.25	43
26	26	326	Min.	0.00	-4223.85	35	63.53	39	-70.29	35	72.59	43	-70.88	35	-19.23	35
26	26	326	Min.	340.58	-3691.70	35	63.53	39	148.17	39	72.59	43	210.96	43	-19.23	35
27	27	427	Max	0.00	-4266.06	43	104.05	35	-118.92	39	-79.40	39	63.94	43	-8.74	43
27	27	427	Max	365.09	-3695.61	43	104.05	35	256.98	35	-79.40	39	-254.37	39	-8.74	43
27	27	427	Min.	0.00	-4650.52	35	100.07	39	-122.89	35	-101.54	43	35.52	39	-9.60	35
27	27	427	Min.	365.09	-4080.07	35	100.07	39	246.44	39	-101.54	43	-306.78	43	-9.60	35
28	28	428	Max	0.00	-4258.56	39	92.84	35	-103.82	43	130.02	35	-64.33	43	11.25	35
28	28	428	Max	365.09	-3688.11	39	92.84	35	230.55	35	130.02	35	378.06	35	11.25	35
28	28	428	Min.	0.00	-4635.52	35	88.42	43	-108.41	35	101.83	43	-96.62	35	10.80	39
28	28	428	Min.	365.09	-4065.07	35	88.42	43	218.97	43	101.83	43	307.42	43	10.80	39
29	29	329	Max	0.00	-3849.62	43	66.98	35	-67.77	43	-46.11	39	35.58	43	15.14	35
29	29	329	Max	340.58	-3317.47	43	66.98	35	156.56	35	-46.11	39	-152.06	39	15.14	35
29	29	329	Min.	0.00	-4244.71	35	63.40	43	-71.56	35	-71.78	43	4.99	39	14.60	39
29	29	329	Min.	340.58	-3712.56	35	63.40	43	148.17	43	-71.78	43	-208.89	43	14.60	39
30	30	130	Max	17.00	-2761.55	43	-7.41	39	33.69	43	351.51	35	-121.56	43	0.05	43
30	30	130	Max	310.53	-2302.91	43	-7.41	39	0.57	35	217.67	43	631.47	35	0.05	43
30	30	130	Min.	17.00	-2984.92	35	-14.79	43	21.99	39	217.67	43	-193.53	35	-0.47	39
30	30	130	Min.	310.53	-2526.28	35	-14.79	43	-9.71	43	176.51	39	517.38	43	-0.47	39
31	31	231	Max	17.00	-1707.18	39	-260.66	43	321.23	35	7.73	39	206.45	43	0.05	43
31	31	231	Max	25.05					291.20	39			47.35	39		
31	31	231	Max	310.53	-1248.54	39	-260.66	43	-465.33	43	-201.46	43	-343.86	39	0.	

32	32	332	Min.	340.58	-1979.17	35	-157.03	35	-446.78	35	72.48	43	164.00	43	-16.91	35
33	33	433	Max	17.00	-2444.63	43	-121.33	43	2.44	35	21.42	39	-11.79	43	1.39	35
33	33	433	Max	365.09	-1900.74	43	-121.33	43	-432.58	43	21.42	39	-31.29	39	1.39	35
33	33	433	Min.	17.00	-2619.04	35	-143.19	35	-10.26	43	-29.88	43	-106.54	35	0.64	39
33	33	433	Min.	365.09	-2075.15	35	-143.19	35	-495.99	35	-29.88	43	-115.81	43	0.64	39
34	34	434	Max	17.00	-2440.29	39	-137.94	39	32.74	35	82.18	35	11.76	43	1.73	43
34	34	434	Max	365.09	-1896.41	39	-137.94	39	-459.10	39	82.18	35	204.95	35	1.73	43
34	34	434	Min.	17.00	-2602.60	35	-159.30	35	21.07	39	29.88	43	-81.95	39	0.54	35
34	34	434	Min.	365.09	-2058.71	35	-159.30	35	-521.75	35	29.88	43	115.78	43	0.54	35
35	35	335	Max	17.00	-2318.92	43	-137.39	39	54.94	35	-9.14	39	69.69	43	12.32	43
35	35	335	Max	340.58	-1813.33	43	-137.39	39	-397.40	39	-9.14	39	-69.28	39	12.32	43
35	35	335	Min.	17.00	-2517.11	35	-154.31	35	47.16	39	-71.87	43	-39.71	39	11.84	39
35	35	335	Min.	340.58	-2011.53	35	-154.31	35	-444.38	35	-71.87	43	-162.85	43	11.84	39
36	36	136	Max	17.00	-1712.99	43	-253.72	39	299.73	43	354.26	35	-206.97	43	0.05	43
36	36	136	Max	310.53	-1254.35	43	-253.72	39	-457.12	39	213.37	35	483.83	35	0.05	43
36	36	136	Min.	17.00	-1822.28	35	-265.33	35	287.63	39	202.08	43	-349.24	35	-0.47	39
36	36	136	Min.	310.53	-1363.64	35	-265.33	35	-482.86	35	192.43	39	386.19	43	-0.47	39
101	101	302	Max	12.50	0.00	35	0.00	35	0.00	35	335.45	43	-191.47	39	-156.61	39
101	101	302	Max	227.19									145.02	43		
101	101	302	Max	416.50	0.00	35	0.00	35	0.00	35	-295.80	43	-134.98	43	-156.61	39
101	101	302	Min.	12.50	0.00	43	0.00	35	0.00	35	320.91	39	-215.07	43	-161.14	35
101	101	302	Min.	217.88									138.07	39		
101	101	302	Min.	416.50	0.00	43	0.00	35	0.00	35	-310.34	39	-170.12	39	-161.14	35
101	302	403	Max	12.50	0.00	35	0.00	35	0.00	35	252.67	43	-85.28	39	-12.17	39
101	302	403	Max	150.38									63.26	39		
101	302	403	Max	337.50	0.00	35	0.00	35	0.00	35	-255.14	43	-151.50	43	-12.17	39
101	302	403	Min.	12.50	0.00	35	0.00	35	0.00	35	215.44	39	-147.48	43	-12.63	35
101	302	403	Min.	174.21									56.81	43		
101	302	403	Min.	337.50	0.00	35	0.00	35	0.00	35	-292.37	39	-210.28	39	-12.63	35
101	403	-8	Max	12.50	0.00	43	0.00	39	0.00	39	315.00	43	-141.28	35	36.19	39
101	403	-8	Max	200.15									133.81	35		
101	403	-8	Max	220.50	0.00	43	0.00	39	0.00	39	-10.00	43	130.60	43	36.19	39
101	403	-8	Min.	12.50	0.00	39	0.00	35	0.00	35	293.19	39	-186.59	43	35.88	43
101	403	-8	Min.	214.10									130.92	43		
101	403	-8	Min.	220.50	0.00	39	0.00	35	0.00	35	-31.81	39	130.43	39	35.88	43
101	-8	404	Max	0.00	0.00	43	0.00	39	0.00	35	-10.00	43	130.60	43	36.19	39
101	-8	404	Max	208.00	0.00	43	0.00	39	0.00	39	-335.00	43	-228.21	43	36.19	39
101	-8	404	Min.	0.00	0.00	39	0.00	35	0.00	35	-31.81	39	130.43	39	35.88	43
101	-8	404	Min.	208.00	0.00	39	0.00	35	0.00	35	-356.81	39	-273.74	39	35.88	43
101	404	305	Max	12.50	0.00	35	0.00	35	0.00	35	266.62	43	-114.27	35	-28.94	35
101	404	305	Max	160.35									56.21	39		
101	404	305	Max	337.50	0.00	35	0.00	35	0.00	35	-241.19	43	-130.49	43	-28.94	35
101	404	305	Min.	12.50	0.00	35	0.00	35	0.00	35	230.78	35	-171.82	43	-29.72	43
101	404	305	Min.	183.14									55.66	43		
101	404	305	Min.	337.50	0.00	35	0.00	35	0.00	35	-277.03	35	-189.42	35	-29.72	43
101	305	106	Max	12.50	0.00	35	0.00	35	0.00	35	294.23	43	-86.81	35	159.19	35
101	305	106	Max	187.17									151.54	35		
101	305	106	Max	416.50	0.00	35	0.00	35	0.00	35	-337.02	43	-217.66	43	159.19	35
101	305	106	Min.	12.50	0.00	43	0.00	35	0.00	35	272.92	35	-131.24	43	154.22	43
101	305	106	Min.	200.81									145.79	43		
101	305	106	Min.	416.50	0.00	43	0.00	35	0.00	35	-358.33	35	-259.34	35	154.22	43
107	101	-120	Max	17.50	0.00	43	0.00	35	0.00	43	3229.39	35	-2168.96	39	32.93	35
107	101	-120	Max	105.83	0.00	43	0.00	35	0.00	35	2247.95	35	181.48	35	32.93	35
107	101	-120	Min.	17.50	0.00	35	0.00	43	0.00	35	3129.83	39	-2237.68	35	28.22	39
107	101	-120	Min.	105.83	0.00	35	0.00	43	0.00	43	2178.70	39	169.27	43	28.22	39
107	-120	-121	Max	0.00	0.00	43	0.00	35	0.00	35	2247.95	35	181.48	35	32.93	35
107	-120	-121	Max	122.83	0.00	43	0.00	35	0.00	35	883.18	35	2104.51	35	32.93	35
107	-120	-121	Min.	0.00	0.00	35	0.00	43	0.00	35	2178.70	39	169.27	43	28.22	39
107	-120	-121	Min.	122.83	0.00	35	0.00	43	0.00	43	856.10	39	2036.92	43	28.22	39
107	-121	-122	Max	0.00	0.00	43	0.00	35	0.00	35	883.18	35	2104.52	35	32.93	35
107	-121	-122	Max	79.49									2455.53	35		
107	-121	-122	Max	105.83	0.00	43	0.00	35	0.00	35	-280.39	43	2416.98	35	32.93	35
107	-121	-122	Min.	0.00	0.00	35	0.00	43	0.00	35	856.09	39	2036.92	43	28.22	39
107	-121	-122	Min.	79.79									2379.70	43		
107	-121	-122	Min.	105.83	0.00	35	0.00	43	0.00	43	-292.70	35	2342.53	39	28.22	39
107	-122	-123	Max	0.00	0.00	43	0.00	43	0.00	43	-280.39	43	2416.98	35	32.93	35
107	-122	-123	Max	105.83	0.00	43	0.00	43	0.00	43	-1419.95	43	1484.97	35	32.93	35
107	-122	-123	Min.	0.00	0.00	35	0.00	35	0.00	35	-292.70	35	2342.53	39	28.22	39
107	-122	-123	Min.	105.83	0.00	35	0.00	35	0.00	35	-1468.58	35	1439.51	39	28.22	39
107	-123	-124	Max	0.00	0.00	43	0.00	35	0.00	35	-1419.95	43	1484.97	35	32.93	35
107	-123	-124	Max	105.83	0.00	43	0.00	35	0.00	35	-2559.51	43	-662.36	43	32.93	35
107	-123	-124	Min.	0.00	0.00	35	0.00	35	0.00	35	-1468.58	35	1439.52	39	28.22	39
107	-123	-124	Min.	105.83	0.00	35	0.00	35	0.00	35	-2644.46	35	-691.51	35	28.22	39
107	-124	107	Max	0.00	0.00	35	0.00	43	0.00	35	-2559.51	43	-662.37	43	32.93	35
107	-124	107	Max	71.33	0.00	35	0.00	43	0.00	43	-3327.59	43	-2762.11	43	32.93	35
107	-124	107	Min.	0.00	0.00	43	0.00	35	0.00	43	-2644.47	35	-691.52	35	28.22	39
107	-124	107	Min.	71.33	0.00	43	0.00	35	0.00	35	-3437.03	35	-2860.59	35	28.22	39
110	302	-115	Max	17.50	0.00	43	0.00	35	0.00	43	6092.17	35	-4600.14	39	13.92	43
110	302	-115	Max	105.83	0.00	43	0.00	35	0.00	35	4467.65	35	-75.73	35	13.92	43
110	302	-115	Min.	17.50	0.00	35	0.00	43	0.00	35	5904.08	39	-4739.65	35	10.18	35
110	302	-115	Min.	105.83	0.00	35	0.00	43	0.00	43	4334.62	39	-82.61	43	10.18	35
110	-115	-116	Max	0.00	0.00	35	0.00	35	0.00	35	4467.65	35	-75.73	35	13.92	43
110	-115	-116	Max	122.83	0.00	35	0.00	35	0.00	35	2208.66	35	4024.64	35	13.92	43
110	-115	-116	Min.	0.00	0.00	43	0.00	43	0.00	43	4334.62	39	-82.62	43	10.18	35
110	-115	-116	Min.	122.83	0.00	43	0.00	43	0.00	43	2152.18	39	3903.86	43	10.18	35
110	-116	-117	Max	0.00	0.00	35	0.00	35	0.00	35	2208.66	35	4024.65	35	13.92	43
110	-116	-117	Max	105.83	0.00	35	0.00	35	0.00	35	273.81	43	5332.20	35	13.92	43
110	-116	-117	Min.	0.00	0.00	43	0.00	43								

110	-117	-118	Max	105.83	0.00	35	0.00	43	0.00	43	-2306.58	43	3839.04	35	13.92	43
110	-117	-118	Min.	0.00	0.00	43	0.00	35	0.00	35	-437.69	35	5188.60	39	10.18	35
110	-117	-118	Min.	105.83	0.00	43	0.00	35	0.00	35	-2384.04	35	3740.36	39	10.18	35
110	-118	-119	Max	0.00	0.00	43	0.00	35	0.00	35	-3006.57	43	3839.04	35	13.92	43
110	-118	-119	Max	105.83	0.00	43	0.00	35	0.00	35	-4886.97	43	-434.39	43	13.92	43
110	-118	-119	Min.	0.00	0.00	35	0.00	35	0.00	35	-3084.03	35	3740.37	39	10.18	35
110	-118	-119	Min.	105.83	0.00	35	0.00	35	0.00	35	-5030.38	35	-454.83	35	10.18	35
110	-119	-155	Max	0.00	0.00	43	0.00	43	0.00	35	-5586.98	43	-434.42	43	13.92	43
110	-119	-155	Max	71.33	0.00	43	0.00	43	0.00	43	-6854.39	43	-4871.84	43	13.92	43
110	-119	-155	Min.	0.00	0.00	35	0.00	35	0.00	43	-5730.39	35	-454.87	35	10.18	35
110	-119	-155	Min.	71.33	0.00	35	0.00	35	0.00	35	-7042.26	35	-5010.44	35	10.18	35
112	403	-95	Max	17.50	0.00	35	0.00	35	0.00	43	6136.04	35	-4560.08	39	-8.36	43
112	403	-95	Max	105.83	0.00	35	0.00	35	0.00	35	4489.48	35	-5.78	35	-8.36	43
112	403	-95	Min.	17.50	0.00	35	0.00	43	0.00	35	5945.84	39	-4698.72	35	-11.24	35
112	403	-95	Min.	105.83	0.00	35	0.00	43	0.00	43	4355.18	39	-11.97	43	-11.24	35
112	-95	-96	Max	0.00	0.00	43	0.00	35	0.00	35	4489.48	35	-5.78	35	-8.36	43
112	-95	-96	Max	122.83	0.00	43	0.00	35	0.00	35	2199.83	35	4102.57	35	-8.36	43
112	-95	-96	Min.	0.00	0.00	35	0.00	43	0.00	43	4355.18	39	-11.97	43	-11.24	35
112	-95	-96	Min.	122.83	0.00	35	0.00	35	0.00	43	2143.26	39	3979.91	43	-11.24	35
112	-96	-97	Max	0.00	0.00	35	0.00	35	0.00	43	2199.83	35	4102.58	35	-8.36	43
112	-96	-97	Max	105.83	0.00	35	0.00	35	0.00	35	238.08	43	5386.81	35	-8.36	43
112	-96	-97	Min.	0.00	0.00	43	0.00	43	0.00	35	2143.25	39	3979.92	43	-11.24	35
112	-96	-97	Min.	105.83	0.00	43	0.00	43	0.00	43	227.06	35	5240.37	43	-11.24	35
112	-97	-98	Max	0.00	0.00	35	0.00	43	0.00	43	-461.92	43	5386.81	35	-8.36	43
112	-97	-98	Max	105.83	0.00	35	0.00	43	0.00	43	-2367.71	43	3842.36	35	-8.36	43
112	-97	-98	Min.	0.00	0.00	43	0.00	35	0.00	35	-472.93	35	5240.37	43	-11.24	35
112	-97	-98	Min.	105.83	0.00	43	0.00	35	0.00	35	-2445.70	35	3742.46	39	-11.24	35
112	-98	-99	Max	0.00	0.00	43	0.00	35	0.00	35	-3067.70	43	3842.37	35	-8.36	43
112	-98	-99	Max	105.83	0.00	43	0.00	35	0.00	35	-4973.50	43	-512.10	43	-8.36	43
112	-98	-99	Min.	0.00	0.00	35	0.00	35	0.00	43	-3145.69	35	3742.47	39	-11.24	35
112	-98	-99	Min.	105.83	0.00	35	0.00	35	0.00	43	-5118.46	35	-530.74	35	-11.24	35
112	-99	-15	Max	0.00	0.00	35	0.00	43	0.00	35	-5673.51	43	-512.14	43	-8.36	43
112	-99	-15	Max	71.33	0.00	35	0.00	43	0.00	43	-6958.05	43	-5017.40	43	-8.36	43
112	-99	-15	Min.	0.00	0.00	43	0.00	35	0.00	43	-5818.47	35	-530.77	35	-11.24	35
112	-99	-15	Min.	71.33	0.00	43	0.00	35	0.00	35	-7148.14	35	-5155.53	35	-11.24	35
114	404	-100	Max	17.50	0.00	43	0.00	35	0.00	43	5575.39	35	-3806.19	43	14.52	43
114	404	-100	Max	105.83	0.00	43	0.00	35	0.00	35	3928.83	35	250.82	35	14.52	43
114	404	-100	Min.	17.50	0.00	35	0.00	43	0.00	35	5384.57	43	-3946.88	35	11.91	39
114	404	-100	Min.	105.83	0.00	35	0.00	43	0.00	43	3793.91	43	246.13	39	11.91	39
114	-100	-101	Max	0.00	0.00	43	0.00	35	0.00	35	3928.83	35	250.82	35	14.52	43
114	-100	-101	Max	122.83	0.00	43	0.00	35	0.00	35	1639.18	35	3670.51	35	14.52	43
114	-100	-101	Min.	0.00	0.00	35	0.00	43	0.00	43	3793.91	43	246.13	39	11.91	39
114	-100	-101	Min.	122.83	0.00	35	0.00	43	0.00	43	1581.99	43	3548.59	39	11.91	39
114	-101	-102	Max	0.00	0.00	43	0.00	35	0.00	43	1639.17	35	3670.51	35	14.52	43
114	-101	-102	Max	87.94									4391.23	35		
114	-101	-102	Max	105.83	0.00	43	0.00	35	0.00	35	-323.19	39	4361.38	35	14.52	43
114	-101	-102	Min.	0.00	0.00	35	0.00	43	0.00	35	1581.98	43	3548.60	39	11.91	39
114	-101	-102	Min.	87.89									4244.04	39		
114	-101	-102	Min.	105.83	0.00	35	0.00	43	0.00	43	-333.59	35	4215.04	39	11.91	39
114	-102	-103	Max	0.00	0.00	43	0.00	43	0.00	43	-323.19	39	4361.39	35	14.52	43
114	-102	-103	Max	105.83	0.00	43	0.00	43	0.00	43	-2228.98	39	2964.42	35	14.52	43
114	-102	-103	Min.	0.00	0.00	35	0.00	35	0.00	35	-333.58	35	4215.04	39	11.91	39
114	-102	-103	Min.	105.83	0.00	35	0.00	35	0.00	35	-2306.35	35	2863.95	43	11.91	39
114	-103	-104	Max	0.00	0.00	35	0.00	35	0.00	35	-2228.97	39	2964.43	35	14.52	43
114	-103	-104	Max	105.83	0.00	35	0.00	35	0.00	35	-4134.77	39	-502.95	39	14.52	43
114	-103	-104	Min.	0.00	0.00	43	0.00	35	0.00	43	-2306.34	35	2863.96	43	11.91	39
114	-103	-104	Min.	105.83	0.00	43	0.00	35	0.00	43	-4279.11	35	-520.37	35	11.91	39
114	-104	-16	Max	0.00	0.00	43	0.00	43	0.00	35	-4134.78	39	-502.98	39	14.52	43
114	-104	-16	Max	71.33	0.00	43	0.00	43	0.00	43	-5419.31	39	-3910.61	39	14.52	43
114	-104	-16	Min.	0.00	0.00	35	0.00	35	0.00	43	-4279.12	35	-520.40	35	11.91	39
114	-104	-16	Min.	71.33	0.00	35	0.00	35	0.00	35	-5608.80	35	-4047.09	35	11.91	39
116	305	-105	Max	17.50	0.00	35	0.00	35	0.00	43	6091.65	35	-4613.23	43	-13.82	43
116	305	-105	Max	105.83	0.00	35	0.00	35	0.00	35	4467.14	35	-93.22	43	-13.82	43
116	305	-105	Min.	17.50	0.00	43	0.00	43	0.00	35	5901.73	43	-4758.54	35	-17.05	39
116	305	-105	Min.	105.83	0.00	43	0.00	43	0.00	43	4332.27	43	-97.41	39	-17.05	39
116	-105	-106	Max	0.00	0.00	35	0.00	35	0.00	35	4467.14	35	-93.22	43	-13.82	43
116	-105	-106	Max	122.83	0.00	35	0.00	35	0.00	35	2208.15	35	4004.67	35	-13.82	43
116	-105	-106	Min.	0.00	0.00	43	0.00	43	0.00	43	4332.27	43	-97.41	39	-17.05	39
116	-105	-106	Min.	122.83	0.00	43	0.00	43	0.00	43	2149.83	43	3885.95	39	-17.05	39
116	-106	-107	Max	0.00	0.00	43	0.00	35	0.00	43	2208.14	35	4004.68	35	-13.82	43
116	-106	-107	Max	105.83	0.00	43	0.00	35	0.00	35	271.28	39	5311.69	35	-13.82	43
116	-106	-107	Min.	0.00	0.00	35	0.00	43	0.00	35	2149.82	43	3885.96	39	-17.05	39
116	-106	-107	Min.	105.83	0.00	35	0.00	43	0.00	43	261.80	35	5168.06	43	-17.05	39
116	-107	-108	Max	0.00	0.00	43	0.00	43	0.00	43	-428.72	39	5311.69	35	-13.82	43
116	-107	-108	Max	105.83	0.00	43	0.00	43	0.00	43	-2309.11	39	3817.98	35	-13.82	43
116	-107	-108	Min.	0.00	0.00	35	0.00	35	0.00	35	-438.20	35	5168.06	43	-17.05	39
116	-107	-108	Min.	105.83	0.00	35	0.00	35	0.00	35	-2384.55	35	3717.34	43	-17.05	39
116	-108	-109	Max	0.00	0.00	43	0.00	35	0.00	35	-3009.11	39	3817.99	35	-13.82	43
116	-108	-109	Max	105.83	0.00	43	0.00	35	0.00	35	-4889.50	39	-460.34	39	-13.82	43
116	-108	-109	Min.	0.00	0.00	35	0.00	35	0.00	43	-3084.54	35	3717.34	43	-17.05	39
116	-108	-109	Min.	105.83	0.00	35	0.00	35	0.00	43	-5030.89	35	-476.42	35	-17.05	39
116	-109	-7	Max	0.00	0.00	43	0.00	43	0.00	35	-5589.51	39	-460.37	39	-13.82	43
116	-109	-7	Max	71.33	0.00	43	0.00	43	0.00	43	-6856.93	39	-4899.60	39	-13.82	43
116	-109	-7	Min.	0.00	0.00	35	0.00	35	0.00	43	-5730.90	35	-476.46	35	-17.05	39
116	-109	-7	Min.	71.33	0.00	35	0.00	35	0.00	35	-7042.77	35	-5032.40	35	-17	

119	-110	-111	Max	122.83	0.00	35	0.00	35	0.00	35	889.02	35	2098.82	35	-32.72	43
119	-110	-111	Min.	0.00	0.00	35	0.00	43	0.00	35	2181.18	43	162.76	39	-40.06	35
119	-110	-111	Min.	122.83	0.00	35	0.00	43	0.00	43	858.57	43	2033.80	39	-40.06	35
119	-111	-112	Max	0.00	0.00	43	0.00	35	0.00	43	889.02	35	2098.83	35	-32.72	43
119	-111	-112	Max	80.01									2454.50	35		
119	-111	-112	Max	105.83	0.00	43	0.00	35	0.00	35	-277.64	39	2417.47	35	-32.72	43
119	-111	-112	Min.	0.00	0.00	35	0.00	43	0.00	35	858.57	43	2033.80	39	-40.06	35
119	-111	-112	Min.	80.05									2378.78	39		
119	-111	-112	Min.	105.83	0.00	35	0.00	43	0.00	43	-286.86	35	2342.32	43	-40.06	35
119	-112	-113	Max	0.00	0.00	43	0.00	43	0.00	43	-277.63	39	2417.47	35	-32.72	43
119	-112	-113	Max	105.83	0.00	43	0.00	43	0.00	43	-1417.19	39	1491.64	35	-32.72	43
119	-112	-113	Min.	0.00	0.00	35	0.00	35	0.00	35	-286.86	35	2342.32	43	-40.06	35
119	-112	-113	Min.	105.83	0.00	35	0.00	35	0.00	35	-1462.74	35	1441.92	43	-40.06	35
119	-113	-114	Max	0.00	0.00	43	0.00	35	0.00	35	-1417.19	39	1491.64	35	-32.72	43
119	-113	-114	Max	105.83	0.00	43	0.00	35	0.00	35	-2556.75	39	-656.73	39	-32.72	43
119	-113	-114	Min.	0.00	0.00	35	0.00	35	0.00	35	-1462.74	35	1441.93	43	-40.06	35
119	-113	-114	Min.	105.83	0.00	35	0.00	35	0.00	35	-2638.62	35	-678.66	35	-40.06	35
119	-114	112	Max	0.00	0.00	35	0.00	43	0.00	35	-2556.76	39	-656.75	39	-32.72	43
119	-114	112	Max	71.33	0.00	35	0.00	43	0.00	43	-3324.84	39	-2754.52	39	-32.72	43
119	-114	112	Min.	0.00	0.00	43	0.00	35	0.00	43	-2638.63	35	-678.68	35	-40.06	35
119	-114	112	Min.	71.33	0.00	43	0.00	35	0.00	35	-3431.19	35	-2843.58	35	-40.06	35
207	107	113	Max	17.50	0.00	35	0.00	35	0.00	35	587.47	35	-767.82	39	16.41	35
207	107	113	Max	290.62									2.29	35		
207	107	113	Max	397.50	0.00	35	0.00	35	0.00	35	-211.23	43	-107.72	43	16.41	35
207	107	113	Min.	17.50	0.00	43	0.00	35	0.00	35	558.99	39	-799.96	35	11.63	39
207	107	113	Min.	292.20									-0.05	39		
207	107	113	Min.	397.50	0.00	43	0.00	35	0.00	35	-229.88	35	-120.55	35	11.63	39
207	113	119	Max	12.50	0.00	35	0.00	35	0.00	35	340.43	35	-112.71	39	13.50	35
207	113	119	Max	170.77									148.34	35		
207	113	119	Max	397.50	0.00	35	0.00	35	0.00	35	-459.32	43	-378.00	43	13.50	35
207	113	119	Min.	12.50	0.00	43	0.00	35	0.00	35	321.42	39	-121.06	35	11.17	43
207	113	119	Min.	171.78									140.39	43		
207	113	119	Min.	397.50	0.00	43	0.00	35	0.00	35	-487.67	35	-404.50	35	11.17	43
207	119	125	Max	12.50	0.00	35	0.00	35	0.00	35	587.11	35	-472.94	39	6.19	35
207	119	125	Max	285.46									302.14	35		
207	119	125	Max	577.50	0.00	35	0.00	35	0.00	35	-592.71	43	-577.70	43	6.19	35
207	119	125	Min.	12.50	0.00	35	0.00	35	0.00	35	555.66	39	-499.15	35	4.17	43
207	119	125	Min.	286.23									285.50	43		
207	119	125	Min.	577.50	0.00	35	0.00	35	0.00	35	-628.15	35	-615.09	35	4.17	43
207	125	231	Max	12.50	0.00	35	0.00	35	0.00	35	644.26	35	-577.32	39	-17.41	39
207	125	231	Max	312.03									353.20	35		
207	125	231	Max	577.50	0.00	35	0.00	35	0.00	35	-538.40	43	-378.11	43	-17.41	39
207	125	231	Min.	12.50	0.00	39	0.00	35	0.00	35	608.73	39	-611.66	35	-21.79	35
207	125	231	Min.	311.64									333.17	39		
207	125	231	Min.	577.50	0.00	39	0.00	35	0.00	35	-571.00	35	-404.73	35	-21.79	35
219	112	118	Max	17.50	0.00	39	0.00	35	0.00	35	590.29	35	-771.05	43	-14.52	43
219	112	118	Max	293.50									5.30	35		
219	112	118	Max	397.50	-0.00	39	0.00	35	0.00	35	-207.29	39	-102.96	39	-14.52	43
219	112	118	Min.	17.50	0.00	35	0.00	35	0.00	35	559.23	43	-809.30	35	-21.06	35
219	112	118	Min.	293.64									1.09	43		
219	112	118	Min.	397.50	-0.00	35	0.00	35	0.00	35	-222.43	35	-110.37	35	-21.06	35
219	118	124	Max	12.50	0.00	35	0.00	35	0.00	35	343.15	35	-115.86	43	-11.11	39
219	118	124	Max	172.95									146.39	35		
219	118	124	Max	397.50	0.00	35	0.00	35	0.00	35	-455.09	39	-372.05	39	-11.11	39
219	118	124	Min.	12.50	0.00	43	0.00	35	0.00	35	321.92	43	-128.90	35	-13.36	35
219	118	124	Min.	172.78									139.29	39		
219	118	124	Min.	397.50	0.00	43	0.00	35	0.00	35	-480.26	35	-392.82	35	-13.36	35
219	124	130	Max	12.50	0.00	43	0.00	35	0.00	35	586.22	35	-473.86	43	-3.40	39
219	124	130	Max	286.60									300.00	35		
219	124	130	Max	577.50	0.00	43	0.00	35	0.00	35	-588.76	39	-571.92	39	-3.40	39
219	124	130	Min.	12.50	0.00	35	0.00	35	0.00	35	554.08	43	-503.41	35	-4.39	35
219	124	130	Min.	286.77									283.93	39		
219	124	130	Min.	577.50	0.00	35	0.00	35	0.00	35	-622.16	35	-604.94	35	-4.39	35
219	130	136	Max	12.50	0.00	35	0.00	35	0.00	35	645.23	35	-580.29	43	27.32	35
219	130	136	Max	314.19									353.08	35		
219	130	136	Max	577.50	0.00	35	0.00	35	0.00	35	-533.76	39	-369.97	39	27.32	35
219	130	136	Min.	12.50	0.00	35	0.00	35	0.00	35	608.03	43	-620.22	35	20.59	43
219	130	136	Min.	312.74									332.48	43		
219	130	136	Min.	577.50	0.00	35	0.00	35	0.00	35	-563.15	35	-388.34	35	20.59	43
302	107	-133	Max	12.47	-1684.78	39	0.58	39	-62.95	43	585.62	35	-377.04	39	200.45	35
302	107	-133	Max	145.35	-1670.28	39	0.58	39	-62.68	43	378.49	35	233.57	35	200.45	35
302	107	-133	Min.	12.47	-1925.83	43	0.21	43	-65.00	35	541.67	39	-407.00	35	195.04	43
302	107	-133	Min.	145.35	-1911.32	43	0.21	43	-64.39	35	334.55	39	205.15	39	195.04	43
302	-133	-134	Max	0.00	-1652.83	39	65.80	35	-66.92	43	124.50	43	233.45	35	200.14	35
302	-133	-134	Max	75.65					-18.99	35			278.06	35		
302	-133	-134	Max	142.35	-1637.29	39	65.80	35	24.89	35	-97.38	43	243.39	35	200.14	35
302	-133	-134	Min.	0.00	-1893.90	43	63.72	43	-68.77	35	117.92	35	205.00	39	194.74	43
302	-133	-134	Min.	77.58					-17.38	39			251.91	39		
302	-133	-134	Min.	142.35	-1878.36	43	63.72	43	23.79	43	-103.95	35	219.22	39	194.74	43
302	-134	308	Max	0.00	-1619.52	39	9.36	43	19.76	35	-308.97	43	242.92	35	199.78	35
302	-134	308	Max	129.88	-1605.34	39	9.36	43	31.36	35	-511.41	43	-305.93	43	199.78	35
302	-134	308	Min.	0.00	-1860.62	43	8.93	35	18.82	43	-362.00	35	218.78	39	194.39	43
302	-134	308	Min.	129.88	-1846.44	43	8.93	35	30.90	39	-564.44	35	-358.70	35	194.39	43
302	308	-148	Max	12.47	-973.92	39	12.72	35	-11.55	43	384.51	35	-182.28	39	-8.42	39
302	308	-148	Max	175.93	-956.07	39	12.72	35	7.87	35	129.73	35	213.45	35	-8.42	39
302	308	-148	Min.	12.47	-1061.70	43	11.60	43	-12.92	35	355.00	39	-206.85	35	-8.69	43
302	308	-148	Min.	175.93	-1043.86	43	11.60	43	7.41	43	100.22	39	186.92	43	-8.69	43
302	-148	409	Max	0.00	-935.87	39	29.02	35	4.35	35	-142.36	43	213.44	35	-8.66	39
302	-148	409	Max	162.46	-918.14	39	29.02	35	51.51	35	-395.58	43	-250.04	43	-8.66	39
302	-148	409	Min.	0.00	-1023.71	43	28.05	43								

302	-148	409	Min.	162.46	-1005.97	43	28.05	43	49.67	43	-436.35	35	-289.75	35	-8.92	43
302	409	-9	Max	12.47	-1338.97	43	-192.99	39	209.69	35	513.25	35	-331.27	39	-53.27	39
302	409	-9	Max	221.04	-1316.20	43	-192.99	39	-196.34	39	188.15	35	368.09	35	-53.27	39
302	409	-9	Min.	12.47	-1421.48	35	-196.76	35	206.19	39	482.43	39	-363.36	35	-53.57	35
302	409	-9	Min.	221.04	-1398.71	35	-196.76	35	-200.71	35	157.33	39	335.90	39	-53.57	35
302	-9	410	Max	0.00	-1347.40	43	112.91	35	-149.83	43	-266.45	43	381.72	35	-28.63	35
302	-9	410	Max	208.57	-1370.17	43	112.91	35	80.13	35	-591.54	43	-544.76	43	-28.63	35
302	-9	410	Min.	0.00	-1429.53	35	108.04	43	-155.37	35	-302.63	35	349.53	39	-29.08	43
302	-9	410	Min.	208.57	-1452.29	35	108.04	43	75.52	43	-627.72	35	-588.49	35	-29.08	43
302	410	-150	Max	12.47	-743.66	43	4.80	39	-8.18	35	471.90	35	-328.77	39	57.34	35
302	410	-150	Max	174.93	-761.40	43	4.80	39	-1.41	35	218.68	35	210.74	35	57.34	35
302	410	-150	Min.	12.47	-889.89	35	4.16	35	-9.43	39	444.12	39	-350.20	35	57.01	43
302	410	-150	Min.	174.93	-907.63	35	4.16	35	-1.64	39	190.90	39	187.05	39	57.01	43
302	-150	311	Max	0.00	-780.26	43	39.15	39	-0.70	35	-52.18	43	210.62	35	57.29	35
302	-150	311	Max	163.46	-798.10	43	39.15	39	62.96	39	-306.97	43	-104.06	43	57.29	35
302	-150	311	Min.	0.00	-930.53	35	38.50	35	-1.03	39	-94.28	35	186.93	39	56.96	43
302	-150	311	Min.	163.46	-948.37	35	38.50	35	62.23	35	-349.06	35	-151.72	35	56.96	43
302	311	-153	Max	12.47	-1898.56	43	-6.25	43	30.27	35	544.00	35	-276.74	39	-189.52	39
302	311	-153	Max	145.35	-1913.06	43	-6.25	43	21.93	35	336.88	35	268.58	35	-189.52	39
302	311	-153	Min.	12.47	-2234.57	35	-6.44	39	29.71	43	495.11	39	-316.70	35	-194.29	35
302	311	-153	Min.	145.35	-2249.07	35	-6.44	39	21.22	39	287.99	39	236.13	43	-194.29	35
302	-153	-154	Max	0.00	-1930.89	43	-65.15	39	26.84	35	86.14	43	269.05	35	-189.86	39
302	-153	-154	Max	48.98					-5.96	35			287.74	35		
302	-153	-154	Max	142.35	-1946.43	43	-65.15	39	-66.70	39	-135.74	43	219.80	35	-189.86	39
302	-153	-154	Min.	0.00	-2270.23	35	-66.98	35	26.03	39	74.40	39	236.56	43	-194.63	35
302	-153	-154	Min.	55.26					-9.85	43			260.36	43		
302	-153	-154	Min.	142.35	-2285.77	35	-66.98	35	-68.50	35	-147.48	39	192.00	39	-194.63	35
302	-154	112	Max	0.00	-1963.70	43	-0.63	35	-62.52	39	-347.36	43	219.91	35	-190.15	39
302	-154	112	Max	129.88	-1977.88	43	-0.63	35	-63.58	39	-549.80	43	-381.21	43	-190.15	39
302	-154	112	Min.	0.00	-2306.33	35	-1.16	43	-64.24	35	-403.62	35	192.13	39	-194.93	35
302	-154	112	Min.	129.88	-2320.51	35	-1.16	43	-65.06	35	-606.06	35	-435.77	35	-194.93	35
303	113	-131	Max	12.47	-1162.19	43	103.69	35	-179.60	43	753.36	35	-316.05	43	4.72	39
303	113	-131	Max	145.35	-1147.68	43	103.69	35	-45.75	43	546.23	35	489.12	35	4.72	39
303	113	-131	Min.	12.47	-1318.66	35	100.72	43	-184.83	35	667.47	39	-374.36	35	3.39	35
303	113	-131	Min.	145.35	-1304.15	35	100.72	43	-47.05	35	460.34	39	425.53	39	3.39	35
303	-131	-132	Max	0.00	-1116.59	43	56.97	35	-58.94	43	34.10	43	489.35	35	3.79	39
303	-131	-132	Max	15.93					-51.56	35			491.32	35		
303	-131	-132	Max	142.35	-1101.05	43	56.97	35	20.46	35	-187.77	43	366.76	35	3.79	39
303	-131	-132	Min.	0.00	-1266.45	35	55.30	43	-60.63	35	24.82	35	425.76	39	2.44	35
303	-131	-132	Min.	21.07					-47.42	39			429.22	39		
303	-131	-132	Min.	142.35	-1250.91	35	55.30	43	19.78	43	-197.05	35	314.59	39	2.44	35
303	-132	314	Max	0.00	-1070.03	43	107.14	35	4.29	35	-611.26	43	367.18	35	2.68	39
303	-132	314	Max	129.88	-1055.85	43	107.14	35	143.44	35	-813.70	43	-599.12	43	2.68	39
303	-132	314	Min.	0.00	-1213.35	35	103.54	43	4.04	39	-713.46	35	314.99	39	1.31	35
303	-132	314	Min.	129.88	-1199.17	35	103.54	43	138.57	43	-915.90	35	-690.91	35	1.31	35
303	314	-147	Max	12.47	-1067.92	43	87.03	35	-113.52	43	549.10	35	-411.05	39	-0.08	39
303	314	-147	Max	175.93	-1050.08	43	87.03	35	23.73	35	294.31	35	216.51	35	-0.08	39
303	314	-147	Min.	12.47	-1193.91	35	83.43	43	-118.53	35	487.40	39	-472.81	35	-1.14	35
303	314	-147	Min.	175.93	-1176.06	35	83.43	43	22.86	43	232.62	39	174.68	43	-1.14	35
303	-147	415	Max	0.00	-1012.64	43	75.80	35	9.35	35	-260.72	43	216.52	35	-1.06	39
303	-147	415	Max	162.46	-994.90	43	75.80	35	132.50	35	-513.94	43	-454.57	43	-1.06	39
303	-147	415	Min.	0.00	-1130.58	35	73.27	43	9.02	39	-331.62	35	174.69	43	-2.15	35
303	-147	415	Min.	162.46	-1112.85	35	73.27	43	128.10	43	-584.84	35	-527.91	35	-2.15	35
303	415	-10	Max	12.47	-1118.55	39	38.98	35	8.44	43	855.87	35	-608.95	39	-72.16	39
303	415	-10	Max	221.04	-1095.78	39	38.98	35	84.50	35	530.77	35	782.18	35	-72.16	39
303	415	-10	Min.	12.47	-1229.92	35	32.13	43	3.21	35	798.85	39	-663.89	35	-79.10	35
303	415	-10	Min.	221.04	-1207.16	35	32.13	43	75.45	43	473.76	39	718.20	39	-79.10	35
303	-10	416	Max	0.00	-1091.68	43	-124.95	39	163.48	35	-476.98	43	769.33	35	75.58	35
303	-10	416	Max	208.57	-1114.45	43	-124.95	39	-105.01	39	-802.08	43	-628.55	43	75.58	35
303	-10	416	Min.	0.00	-1203.42	35	-130.56	35	155.60	39	-543.52	35	705.32	43	68.46	43
303	-10	416	Min.	208.57	-1226.19	35	-130.56	35	-108.83	35	-868.61	35	-703.31	35	68.46	43
303	416	-149	Max	12.47	-973.77	39	-21.99	39	48.98	35	549.40	35	-426.54	39	4.85	35
303	416	-149	Max	174.93	-991.51	39	-21.99	39	10.27	35	296.18	35	213.52	35	4.85	35
303	416	-149	Min.	12.47	-1075.89	35	-23.83	35	45.66	39	496.50	39	-473.34	35	3.55	43
303	416	-149	Min.	174.93	-1093.63	35	-23.83	35	9.89	43	243.28	39	174.38	39	3.55	43
303	-149	317	Max	0.00	-1029.02	39	-46.74	39	19.10	35	-251.67	43	213.64	35	4.23	35
303	-149	317	Max	163.46	-1046.87	39	-46.74	39	-58.10	39	-506.46	43	-444.01	43	4.23	35
303	-149	317	Min.	0.00	-1139.22	35	-49.60	35	18.30	39	-329.74	35	174.50	39	2.95	43
303	-149	317	Min.	163.46	-1157.07	35	-49.60	35	-61.98	35	-584.53	35	-533.60	35	2.95	43
303	317	-151	Max	12.47	-1007.90	39	-108.51	39	154.17	35	897.63	35	-574.88	39	-0.41	35
303	317	-151	Max	145.35	-1022.40	39	-108.51	39	6.21	35	690.51	35	401.62	35	-0.41	35
303	317	-151	Min.	12.47	-1114.38	35	-111.34	35	150.21	39	797.82	39	-653.59	35	-2.00	43
303	317	-151	Min.	145.35	-1128.88	35	-111.34	35	5.97	43	590.69	39	338.83	43	-2.00	43
303	-151	-152	Max	0.00	-1053.72	39	-56.72	39	22.03	35	172.96	43	401.20	35	-1.52	35
303	-151	-152	Max	108.50					-41.17	35			492.95	35		
303	-151	-152	Max	142.35	-1069.26	39	-56.72	39	-59.31	39	-48.92	43	484.02	35	-1.52	35
303	-151	-152	Min.	0.00	-1166.83	35	-58.25	35	21.43	39	163.21	39	338.44	43	-3.08	43
303	-151	-152	Min.	104.71					-37.96	39			432.73	39		
303	-151	-152	Min.	142.35	-1182.37	35	-58.25	35	-60.89	35	-58.67	39	421.69	39	-3.08	43
303	-152	118	Max	0.00	-1100.08	39	-104.60	39	-46.25	39	-472.42	43	483.81	35	-2.46	35
303	-152	118	Max	129.88	-1114.26	39	-104.60	39	-182.11	39	-674.86	43	-318.53	43	-2.46	35
303	-152	118	Min.	0.00	-1219.75	35	-107.60	35	-47.50	35	-569.18	35	421.47	39	-4.00	43
303	-152	118	Min.	129.88	-1233.93	35	-107.60	35	-187.25	35	-771.62	35	-386.89	35	-4.00	43
304	119	-129	Max	12.47	-1614.72	43	91.72	35	-171.73							

304	-129	-130	Min.	0.00	-1776.99	35	67.71	43	-69.86	35	24.13	35	495.38	39	-0.83	35
304	-129	-130	Min.	21.43					-53.56	39			498.95	39		
304	-129	-130	Min.	142.35	-1761.45	35	67.71	43	28.40	43	-197.75	35	385.00	39	-0.83	35
304	-130	320	Max	0.00	-1513.56	43	93.95	35	12.20	35	-713.12	43	449.70	35	-0.99	39
304	-130	320	Max	129.88	-1499.38	43	93.95	35	134.23	35	-915.56	43	-660.95	43	-0.99	39
304	-130	320	Min.	0.00	-1718.30	35	91.21	39	11.72	43	-837.50	35	384.99	39	-2.03	35
304	-130	320	Min.	129.88	-1704.12	35	91.21	39	130.29	39	-1039.93	35	-769.49	35	-2.03	35
304	320	-137	Max	12.47	-1572.63	43	88.01	35	-112.94	43	606.33	35	-469.32	39	1.10	39
304	320	-137	Max	175.93	-1554.79	43	88.01	35	26.89	35	351.55	35	238.43	35	1.10	39
304	320	-137	Min.	12.47	-1760.47	35	85.05	43	-116.98	35	532.49	39	-544.45	35	0.54	35
304	320	-137	Min.	175.93	-1742.62	35	85.05	43	26.09	43	277.71	39	190.09	43	0.54	35
304	-137	421	Max	0.00	-1511.97	43	73.51	35	11.55	35	-336.94	43	238.43	35	0.06	39
304	-137	421	Max	162.46	-1494.23	43	73.51	35	130.98	35	-590.16	43	-562.98	43	0.06	39
304	-137	421	Min.	0.00	-1690.09	35	71.48	43	11.24	39	-421.79	35	190.09	43	-0.53	35
304	-137	421	Min.	162.46	-1672.35	35	71.48	43	127.38	43	-675.01	35	-652.48	35	-0.53	35
304	421	-11	Max	12.47	-1712.04	39	41.13	35	0.79	43	1071.42	35	-770.42	39	-41.36	39
304	421	-11	Max	221.04	-1689.27	39	41.13	35	83.10	35	746.33	35	1048.75	35	-41.36	39
304	421	-11	Min.	12.47	-1888.08	35	36.36	43	-2.69	35	990.02	39	-846.89	35	-44.98	35
304	421	-11	Min.	221.04	-1865.31	35	36.36	43	76.62	43	664.92	39	955.43	39	-44.98	35
304	-11	422	Max	0.00	-1681.60	39	-116.34	39	147.62	35	-674.47	43	1047.88	35	43.40	35
304	-11	422	Max	208.57	-1704.37	39	-116.34	39	-101.44	39	-999.56	43	-791.11	43	43.40	35
304	-11	422	Min.	0.00	-1857.64	35	-121.02	35	141.21	39	-765.93	35	954.56	39	39.66	43
304	-11	422	Min.	208.57	-1880.41	35	-121.02	35	-104.78	35	-1091.02	35	-888.65	35	39.66	43
304	422	-140	Max	12.47	-1459.11	39	-30.73	39	60.07	35	638.42	35	-534.83	39	2.23	35
304	422	-140	Max	174.93	-1476.85	39	-30.73	39	6.97	35	385.20	35	235.19	35	2.23	35
304	422	-140	Min.	12.47	-1618.38	35	-32.69	35	56.59	39	572.50	39	-596.30	35	1.50	43
304	422	-140	Min.	174.93	-1636.11	35	-32.69	35	6.65	43	319.28	39	189.55	39	1.50	43
304	-140	323	Max	0.00	-1520.20	39	-47.30	39	17.53	35	-297.03	43	235.18	35	1.49	35
304	-140	323	Max	163.46	-1538.04	39	-47.30	39	-60.58	39	-551.82	43	-503.19	43	1.49	35
304	-140	323	Min.	0.00	-1689.18	35	-50.13	35	16.73	39	-388.09	35	189.55	39	0.79	43
304	-140	323	Min.	163.46	-1707.03	35	-50.13	35	-64.42	35	-642.88	35	-607.43	35	0.79	43
304	323	-145	Max	12.47	-1445.43	39	-94.45	43	145.16	35	1019.23	35	-635.95	39	3.08	35
304	323	-145	Max	145.35	-1459.93	39	-94.45	43	15.90	35	812.10	35	486.55	35	3.08	35
304	323	-145	Min.	12.47	-1607.78	35	-97.28	35	141.20	43	898.00	39	-730.24	35	1.61	43
304	323	-145	Min.	145.35	-1622.28	35	-97.28	35	15.58	39	690.87	39	410.57	43	1.61	43
304	-145	-146	Max	0.00	-1495.54	39	-70.70	39	32.77	35	169.95	43	486.56	35	1.90	35
304	-145	-146	Max	106.68					-44.61	35			575.25	35		
304	-145	-146	Max	142.35	-1511.08	39	-70.70	39	-68.66	39	-51.93	43	565.34	35	1.90	35
304	-145	-146	Min.	0.00	-1665.87	35	-72.53	35	31.97	39	159.57	39	410.58	43	0.46	43
304	-145	-146	Min.	102.38					-40.40	39			501.43	39		
304	-145	-146	Min.	142.35	-1681.41	35	-72.53	35	-70.47	35	-62.30	39	488.98	39	0.46	43
304	-146	124	Max	0.00	-1546.61	39	-92.02	39	-54.70	39	-578.34	43	565.37	35	0.90	35
304	-146	124	Max	129.88	-1560.78	39	-92.02	39	-174.21	39	-780.77	43	-387.99	43	0.90	35
304	-146	124	Min.	0.00	-1724.83	35	-95.00	35	-56.11	35	-695.32	35	489.01	39	-0.52	43
304	-146	124	Min.	129.88	-1739.01	35	-95.00	35	-179.50	35	-897.76	35	-469.16	35	-0.52	43
305	125	-127	Max	12.47	-1942.79	43	86.09	35	-164.26	43	993.47	35	-454.70	39	6.54	35
305	125	-127	Max	145.35	-1928.28	43	86.09	35	-53.44	43	786.35	35	651.88	35	6.54	35
305	125	-127	Min.	12.47	-2205.63	35	83.36	39	-169.27	35	868.36	39	-530.68	35	6.17	43
305	125	-127	Min.	145.35	-2191.12	35	83.36	39	-54.86	35	661.23	39	561.60	39	6.17	43
305	-127	-128	Max	0.00	-1884.09	43	66.99	35	-66.14	43	31.29	43	651.60	35	5.63	35
305	-127	-128	Max	10.52					-60.88	35			652.47	35		
305	-127	-128	Max	142.35	-1868.55	43	66.99	35	27.43	35	-190.59	43	517.03	35	5.63	35
305	-127	-128	Min.	0.00	-2137.47	35	65.24	43	-67.93	35	16.40	35	561.38	39	5.28	43
305	-127	-128	Min.	16.95					-55.22	39			563.62	39		
305	-127	-128	Min.	142.35	-2121.93	35	65.24	43	26.73	43	-205.48	35	441.07	39	5.28	43
305	-128	326	Max	0.00	-1824.81	43	77.03	35	11.99	35	-819.65	43	517.34	35	4.55	35
305	-128	326	Max	129.88	-1810.63	43	77.03	35	112.04	35	-1022.09	43	-742.81	43	4.55	35
305	-128	326	Min.	0.00	-2068.85	35	74.86	43	11.71	43	-968.26	35	441.34	39	4.23	43
305	-128	326	Min.	129.88	-2054.67	35	74.86	43	108.95	43	-1170.70	35	-871.68	35	4.23	43
305	326	-136	Max	12.47	-1855.01	43	74.14	35	-89.80	43	672.13	35	-527.14	39	2.58	39
305	326	-136	Max	175.93	-1837.17	43	74.14	35	28.87	35	417.35	35	275.67	35	2.58	39
305	326	-136	Min.	12.47	-2081.10	35	72.15	43	-92.32	35	585.59	39	-614.76	35	2.11	35
305	326	-136	Min.	175.93	-2063.26	35	72.15	43	28.08	39	330.80	39	219.38	43	2.11	35
305	-136	427	Max	0.00	-1784.85	43	53.12	35	16.40	35	-404.93	43	275.59	35	1.72	39
305	-136	427	Max	162.46	-1767.12	43	53.12	35	102.70	35	-658.15	43	-644.23	43	1.72	39
305	-136	427	Min.	0.00	-1999.45	35	52.20	43	15.93	39	-503.09	35	219.30	43	1.23	35
305	-136	427	Min.	162.46	-1981.71	35	52.20	43	100.80	43	-756.31	35	-747.41	35	1.23	35
305	427	-12	Max	12.47	-2006.41	39	19.70	35	21.02	43	1243.31	35	-906.40	39	-32.39	39
305	427	-12	Max	221.04	-1983.64	39	19.70	35	60.90	35	918.22	35	1255.31	35	-32.39	39
305	427	-12	Min.	12.47	-2221.17	35	17.22	43	19.81	35	1144.75	39	-998.85	35	-34.76	35
305	427	-12	Min.	221.04	-2198.40	35	17.22	43	56.93	43	819.65	39	1142.10	43	-34.76	35
305	-12	428	Max	0.00	-1986.02	39	-87.88	39	116.22	35	-830.66	43	1254.93	35	33.12	35
305	-12	428	Max	208.57	-2008.79	39	-87.88	39	-70.89	39	-1155.76	43	-929.39	43	33.12	35
305	-12	428	Min.	0.00	-2200.79	35	-90.16	35	112.40	39	-939.96	35	1141.81	39	30.62	43
305	-12	428	Min.	208.57	-2223.55	35	-90.16	35	-71.83	35	-1265.05	35	-1044.57	35	30.62	43
305	428	-139	Max	12.47	-1746.44	39	-16.98	39	37.71	35	718.51	35	-615.33	39	0.61	35
305	428	-139	Max	174.93	-1764.17	39	-16.98	39	8.96	35	465.29	35	272.87	35	0.61	35
305	428	-139	Min.	12.47	-1941.09	35	-17.70	35	36.06	39	640.13	39	-688.72	35	-0.07	43
305	428	-139	Min.	174.93	-1958.83	35	-17.70	35	8.41	43	386.92	39	218.94	39	-0.07	43
305	-139	329	Max	0.00	-1816.54	39	-35.51	39	17.20	35	-350.42	43	272.94	35	0.03	35
305	-139	329	Max	163.46	-1834.38	39	-35.51	39	-41.64	39	-605.21	43	-561.26	43	0.03	35
305	-139	329	Min.	0.00	-2022.68	35	-37.40	35	16.36	43	-455.14	35	219.00	39	-0.63	43
305	-139	329	Min.	163.46	-2040.53	35	-37.40	35	-43.94	35	-709.92	35	-679.27	35	-0.63	43
305	329	-143	Max	12.47	-17											

305	-143	-144	Min.	0.00	-2029.75	35	-71.03	35	32.16	39	158.75	39	468.48	43	-5.06	43
305	-143	-144	Min.	101.85					-38.54	39			558.68	39		
305	-143	-144	Min.	142.35	-2045.28	35	-71.03	35	-68.33	35	-63.13	39	545.90	39	-5.06	43
305	-144	130	Max	0.00	-1880.63	39	-87.22	43	-54.02	39	-679.15	43	634.55	35	-5.65	39
305	-144	130	Max	129.88	-1894.81	39	-87.22	43	-167.33	39	-881.59	43	-458.22	43	-5.65	39
305	-144	130	Min.	0.00	-2098.44	35	-90.01	35	-55.34	35	-818.91	35	546.12	39	-5.95	43
305	-144	130	Min.	129.88	-2112.62	35	-90.01	35	-172.24	35	-1021.35	35	-560.51	35	-5.95	43
306	231	-125	Max	12.47	-818.48	43	41.97	39	-116.01	43	640.65	35	-287.89	39	47.75	35
306	231	-125	Max	145.35	-803.97	43	41.97	39	-60.68	43	433.53	35	390.89	35	47.75	35
306	231	-125	Min.	12.47	-1002.07	35	41.63	43	-118.03	35	579.54	39	-322.83	35	42.47	43
306	231	-125	Min.	145.35	-987.56	35	41.63	43	-62.51	35	372.41	39	338.42	43	42.47	43
306	-125	-126	Max	0.00	-783.73	43	64.26	35	-66.30	43	69.96	43	391.09	35	47.35	35
306	-125	-126	Max	31.06					-48.30	35			398.61	35		
306	-125	-126	Max	142.35	-768.19	43	64.26	35	23.21	35	-151.92	43	302.10	35	47.35	35
306	-125	-126	Min.	0.00	-962.64	35	62.64	43	-68.27	35	48.42	35	338.58	43	42.07	43
306	-125	-126	Min.	44.88					-38.18	43			354.28	43		
306	-125	-126	Min.	142.35	-947.11	35	62.64	43	22.87	43	-173.46	35	264.97	39	42.07	43
306	-126	332	Max	0.00	-748.51	43	36.67	35	16.38	35	-466.60	43	301.86	35	46.87	35
306	-126	332	Max	129.88	-734.33	43	36.67	35	64.01	35	-669.04	43	-457.45	43	46.87	35
306	-126	332	Min.	0.00	-922.81	35	35.54	43	16.21	43	-555.00	35	264.76	39	41.61	43
306	-126	332	Min.	129.88	-908.63	35	35.54	43	62.37	43	-757.44	35	-550.44	35	41.61	43
306	332	-135	Max	12.47	-769.12	43	30.44	39	-36.85	35	426.84	35	-270.36	39	49.06	35
306	332	-135	Max	175.93	-751.28	43	30.44	39	12.75	43	172.05	35	173.60	35	49.06	35
306	332	-135	Min.	12.47	-882.36	35	30.01	35	-37.08	39	382.32	39	-326.11	43	43.87	43
306	332	-135	Min.	175.93	-864.52	35	30.01	35	12.21	35	127.53	39	143.31	43	43.87	43
306	-135	433	Max	0.00	-726.53	43	60.46	35	8.09	43	-218.13	43	173.68	35	48.73	35
306	-135	433	Max	162.46	-708.80	43	60.46	35	105.72	35	-471.36	43	-416.69	43	48.73	35
306	-135	433	Min.	0.00	-834.03	35	57.59	43	7.49	35	-288.26	35	143.38	43	43.55	43
306	-135	433	Min.	162.46	-816.29	35	57.59	43	101.64	43	-541.48	35	-500.31	35	43.55	43
306	433	-13	Max	12.47	-822.32	39	-82.87	39	89.62	35	672.73	35	-458.19	39	150.13	35
306	433	-13	Max	221.04	-799.55	39	-82.87	39	-88.54	39	347.64	35	567.21	35	150.13	35
306	433	-13	Min.	12.47	-887.17	35	-91.67	35	84.31	39	632.01	39	-496.89	35	131.77	43
306	433	-13	Min.	221.04	-864.40	35	-91.67	35	-101.58	35	306.91	39	520.96	39	131.77	43
306	-13	434	Max	0.00	-790.51	43	40.20	35	-58.32	43	-323.60	43	567.68	35	-136.99	39
306	-13	434	Max	208.57	-813.28	43	40.20	35	12.36	35	-648.70	43	-492.50	43	-136.99	39
306	-13	434	Min.	0.00	-856.75	35	31.21	43	-71.48	35	-381.12	35	521.43	39	-154.98	35
306	-13	434	Min.	208.57	-879.52	35	31.21	43	6.78	43	-706.21	35	-566.25	35	-154.98	35
306	434	-138	Max	12.47	-644.95	39	-24.94	39	43.90	35	479.06	35	-368.78	39	-39.27	39
306	434	-138	Max	174.93	-662.69	39	-24.94	39	-0.40	39	225.84	35	169.43	35	-39.27	39
306	434	-138	Min.	12.47	-703.29	35	-27.59	35	40.11	39	441.09	39	-416.46	43	-43.88	35
306	434	-138	Min.	174.93	-721.03	35	-27.59	35	-0.92	35	187.87	39	142.12	39	-43.88	35
306	-138	335	Max	0.00	-688.12	39	1.01	35	2.24	39	-159.75	43	169.36	35	-39.45	39
306	-138	335	Max	163.46	-705.97	39	1.01	35	3.41	35	-414.53	43	-325.86	43	-39.45	39
306	-138	335	Min.	0.00	-752.22	35	0.46	43	1.76	35	-234.43	35	142.06	39	-44.07	35
306	-138	335	Min.	163.46	-770.06	35	0.46	43	2.91	43	-489.21	35	-422.06	35	-44.07	35
306	335	-141	Max	12.47	-614.52	39	-42.83	39	80.18	35	715.45	35	-413.83	39	-41.08	39
306	335	-141	Max	145.35	-629.02	39	-42.83	39	22.05	35	508.33	35	341.24	35	-41.08	39
306	335	-141	Min.	12.47	-726.51	43	-43.74	35	78.85	39	642.91	39	-471.88	35	-46.03	35
306	335	-141	Min.	145.35	-741.01	43	-43.74	35	21.94	39	435.78	39	289.44	43	-46.03	35
306	-141	-142	Max	0.00	-648.97	39	-66.84	39	28.68	35	140.25	43	341.48	35	-41.53	39
306	-141	-142	Max	79.04					-25.35	35			390.17	35		
306	-141	-142	Max	142.35	-664.50	39	-66.84	39	-66.73	39	-81.62	43	358.94	35	-41.53	39
306	-141	-142	Min.	0.00	-760.95	43	-68.36	35	28.42	39	118.22	39	289.65	43	-46.49	35
306	-141	-142	Min.	75.85					-22.28	39			347.93	39		
306	-141	-142	Min.	142.35	-776.49	43	-68.36	35	-68.63	35	-103.65	39	313.47	39	-46.49	35
306	-142	136	Max	0.00	-684.55	39	-43.92	35	-61.14	39	-396.28	43	358.72	35	-41.92	39
306	-142	136	Max	129.88	-698.73	39	-43.92	35	-118.46	39	-598.72	43	-314.93	43	-41.92	39
306	-142	136	Min.	0.00	-796.54	43	-44.46	43	-62.90	35	-480.20	35	313.30	39	-46.89	35
306	-142	136	Min.	129.88	-810.72	43	-44.46	43	-119.94	35	-682.63	35	-396.41	35	-46.89	35
308	-133	-131	Max	0.00	65.34	35	-2.46	43	4.39	35	261.38	35	0.00	35	-0.13	35
308	-133	-131	Max	205.00					-0.81	35			267.92	35		
308	-133	-131	Max	410.00	65.34	35	-2.46	43	-5.83	43	-214.31	39	0.00	35	-0.13	35
308	-133	-131	Min.	0.00	63.38	39	-2.54	35	4.25	43	214.31	39	0.00	35	-0.15	39
308	-133	-131	Min.	205.00					-0.79	39			219.67	39		
308	-133	-131	Min.	410.00	63.38	39	-2.54	35	-6.01	35	-261.38	35	0.00	39	-0.15	39
308	-131	-129	Max	0.00	18.62	35	-3.61	43	7.61	35	261.38	35	0.00	35	0.10	35
308	-131	-129	Max	205.00					-0.01	35			267.92	35		
308	-131	-129	Max	410.00	18.62	35	-3.61	43	-7.40	43	-214.31	39	0.00	35	0.10	35
308	-131	-129	Min.	0.00	18.08	39	-3.72	35	7.40	43	214.31	39	0.00	35	0.08	39
308	-131	-129	Min.	205.00					-0.00	39			219.67	39		
308	-131	-129	Min.	410.00	18.08	39	-3.72	35	-7.62	35	-261.38	35	0.00	39	0.08	39
308	-129	-127	Max	0.00	-2.79	39	-2.25	43	6.89	35	385.91	35	0.00	35	0.07	35
308	-129	-127	Max	295.00					0.05	35			569.21	35		
308	-129	-127	Max	590.00	-2.79	39	-2.25	43	-6.60	43	-318.17	39	0.00	39	0.07	35
308	-129	-127	Min.	0.00	-3.38	35	-2.32	35	6.69	43	318.17	39	0.00	35	0.06	43
308	-129	-127	Min.	295.00					0.05	39			469.31	39		
308	-129	-127	Min.	590.00	-3.38	35	-2.32	35	-6.79	35	-385.91	35	0.00	35	0.06	43
308	-127	-125	Max	0.00	-20.77	39	-1.99	43	6.30	35	385.91	35	0.00	35	-0.16	39
308	-127	-125	Max	295.00					0.27	35			569.21	35		
308	-127	-125	Max	590.00	-20.77	39	-1.99	43	-5.63	43	-318.17	39	0.00	35	-0.16	39
308	-127	-125	Min.	0.00	-22.48	35	-2.05	35	6.13	43	318.17	39	0.00	35	-0.20	35
308	-127	-125	Min.	295.00					0.25	39			469.31	39		
308	-127	-125	Min.	590.00	-22.48	35	-2.05	35	-5.77	35	-385.90	35	0.00	39	-0.20	35
309	-134	-132	Max	0.00	-54.36	43	-2.91	43	5.14	35	258.89	35	0.00	35	-0.44	39
309	-134	-132	Max	205.00					-1.03	35			265.36	35		
309	-134	-132	Max	410.00	-54.36	43	-2.91	43	-6.97	43	-212.31	39	0.00	35	-0.44	39
309	-134	-132	Min.	0.00	-56.86	35	-3.01	35	4.97	43	212					

309	-132	-130	Max	205.00					-0.01	35			265.36	35		
309	-132	-130	Max	410.00	-5.97	39	-4.28	43	-8.78	43	-212.31	39	0.00	35	-0.04	43
309	-132	-130	Min.	0.00	-6.69	35	-4.40	35	8.75	43	212.31	39	0.00	35	-0.05	35
309	-132	-130	Min.	205.00					-0.01	39			217.62	39		
309	-132	-130	Min.	410.00	-6.69	35	-4.40	35	-9.04	35	-258.89	35	0.00	39	-0.05	35
309	-130	-128	Max	0.00	17.55	35	-2.67	43	8.17	35	382.31	35	0.00	35	-0.05	43
309	-130	-128	Max	295.00					0.06	35			563.91	35		
309	-130	-128	Max	590.00	17.55	35	-2.67	43	-7.84	43	-315.29	39	0.00	39	-0.05	43
309	-130	-128	Min.	0.00	17.36	39	-2.75	35	7.94	43	315.29	39	0.00	35	-0.07	35
309	-130	-128	Min.	295.00					0.05	39			465.05	39		
309	-130	-128	Min.	590.00	17.36	39	-2.75	35	-8.06	35	-382.31	35	0.00	35	-0.07	35
309	-128	-126	Max	0.00	27.59	35	-2.35	43	7.42	35	382.31	35	0.00	35	0.24	35
309	-128	-126	Max	295.00					0.29	35			563.91	35		
309	-128	-126	Max	590.00	27.59	35	-2.35	43	-6.67	43	-315.29	39	0.00	35	0.24	35
309	-128	-126	Min.	0.00	26.98	39	-2.42	35	7.21	43	315.29	39	0.00	35	0.21	39
309	-128	-126	Min.	295.00					0.27	39			465.05	39		
309	-128	-126	Min.	590.00	26.98	39	-2.42	35	-6.84	35	-382.31	35	0.00	39	0.21	39
310	308	314	Max	17.50	141.26	43	-44.96	43	67.09	35	541.67	35	0.00	35	-36.45	39
310	308	314	Max	207.50					-22.93	35			514.59	35		
310	308	314	Max	397.50	141.26	43	-44.96	43	-107.73	43	-493.41	39	0.00	35	-36.45	39
310	308	314	Min.	17.50	133.64	35	-47.38	35	63.11	43	493.41	39	0.00	35	-39.76	35
310	308	314	Min.	207.50					-22.22	39			468.74	39		
310	308	314	Min.	397.50	133.64	35	-47.38	35	-112.95	35	-541.67	35	0.00	35	-39.76	35
310	314	320	Max	12.50	34.56	43	-70.95	39	140.26	35	500.50	35	-242.59	39	-6.27	39
310	314	320	Max	188.06					11.64	35			179.12	35		
310	314	320	Max	397.50	34.56	43	-70.95	39	-137.33	39	-540.07	43	-399.62	43	-6.27	39
310	314	320	Min.	12.50	22.59	35	-73.26	35	135.81	39	458.57	39	-260.21	35	-7.19	35
310	314	320	Min.	189.53					10.34	43			161.95	43		
310	314	320	Min.	397.50	22.59	35	-73.26	35	-141.79	35	-597.10	35	-446.16	35	-7.19	35
310	320	326	Max	12.50	-65.82	43	-34.63	39	99.67	35	794.18	35	-643.00	39	-2.65	39
310	320	326	Max	291.07					0.26	35			403.14	35		
310	320	326	Max	577.50	-65.82	43	-34.63	39	-98.95	39	-742.51	43	-694.57	43	-2.65	39
310	320	326	Min.	12.50	-81.73	35	-35.69	35	96.69	39	724.23	39	-703.03	35	-3.05	35
310	320	326	Min.	291.38					0.12	39			366.88	39		
310	320	326	Min.	577.50	-81.73	35	-35.69	35	-101.95	35	-816.58	35	-766.32	35	-3.05	35
310	326	332	Max	12.50	-133.37	43	-31.49	43	93.19	35	905.22	35	-854.93	39	12.62	35
310	326	332	Max	330.02					-8.55	35			506.89	35		
310	326	332	Max	577.50	-133.37	43	-31.49	43	-86.70	43	-639.38	43	-323.72	43	12.62	35
310	326	332	Min.	12.50	-150.37	35	-32.04	35	91.19	43	827.29	39	-930.25	35	9.96	43
310	326	332	Min.	331.07					-9.14	39			462.82	39		
310	326	332	Min.	577.50	-150.37	35	-32.04	35	-87.84	35	-705.54	35	-366.13	35	9.96	43
311	-148	-147	Max	0.00	16.45	43	-2.24	43	3.53	35	313.79	35	0.00	35	-0.00	43
311	-148	-147	Max	205.00					-1.33	35			321.64	35		
311	-148	-147	Max	410.00	16.45	43	-2.24	43	-5.89	43	-256.39	39	0.00	39	-0.00	43
311	-148	-147	Min.	0.00	16.30	35	-2.37	35	3.31	43	256.39	39	0.00	35	-0.00	39
311	-148	-147	Min.	205.00					-1.29	39			262.80	39		
311	-148	-147	Min.	410.00	16.30	35	-2.37	35	-6.19	35	-313.79	35	0.00	35	-0.00	39
311	-147	-137	Max	0.00	6.29	43	-3.87	43	8.23	35	313.79	35	0.00	35	0.00	35
311	-147	-137	Max	205.00					0.01	35			321.64	35		
311	-147	-137	Max	410.00	6.29	43	-3.87	43	-7.92	43	-256.39	39	0.00	35	0.00	35
311	-147	-137	Min.	0.00	5.07	35	-4.01	35	7.94	43	256.39	39	0.00	35	0.00	39
311	-147	-137	Min.	205.00					0.01	39			262.80	39		
311	-147	-137	Min.	410.00	5.07	35	-4.01	35	-8.21	35	-313.79	35	0.00	35	0.00	39
311	-137	-136	Max	0.00	-7.29	43	-2.32	43	7.17	35	461.32	35	0.00	35	0.00	43
311	-137	-136	Max	295.00					0.12	35			680.45	35		
311	-137	-136	Max	590.00	-7.29	43	-2.32	43	-6.72	43	-378.72	39	0.00	39	0.00	43
311	-137	-136	Min.	0.00	-9.43	35	-2.39	35	6.94	43	378.72	39	0.00	35	0.00	39
311	-137	-136	Min.	295.00					0.11	39			558.62	39		
311	-137	-136	Min.	590.00	-9.43	35	-2.39	35	-6.93	35	-461.32	35	0.00	35	0.00	39
311	-136	-135	Max	0.00	-27.24	43	-1.72	43	5.57	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	-27.24	43	-1.72	43	-4.67	43	-378.72	39	0.00	35	-0.07	43
311	-136	-135	Min.	0.00	-30.45	35	-1.74	35	5.45	43	378.72	39	0.00	35	-0.08	35
311	-136	-135	Min.	295.00					0.39	39			558.62	39		
311	-136	-135	Min.	590.00	-30.45	35	-1.74	35	-4.73	35	-461.32	35	0.00	39	-0.08	35
312	409	415	Max	17.50	485.28	43	-11.86	43	4.02	35	601.42	35	0.00	35	34.32	35
312	409	415	Max	207.50					-23.39	35			571.35	35		
312	409	415	Max	397.50	485.28	43	-11.86	43	-45.07	43	-541.38	39	0.00	35	34.32	35
312	409	415	Min.	17.50	482.86	39	-14.43	35	0.02	43	541.38	39	0.00	35	31.83	43
312	409	415	Min.	207.50					-22.47	39			514.32	39		
312	409	415	Min.	397.50	482.86	39	-14.43	35	-50.80	35	-601.42	35	0.00	39	31.83	43
312	415	421	Max	12.50	319.16	43	-39.75	39	81.41	35	561.65	35	-278.52	39	15.05	35
312	415	421	Max	189.94					6.84	35			200.55	35		
312	415	421	Max	397.50	319.16	43	-39.75	39	-76.08	39	-586.06	43	-423.89	43	15.05	35
312	415	421	Min.	12.50	314.72	35	-42.03	35	76.94	39	510.57	39	-297.74	35	13.61	43
312	415	421	Min.	191.82					5.82	43			178.80	43		
312	415	421	Min.	397.50	314.72	35	-42.03	35	-80.40	35	-657.02	35	-481.33	35	13.61	43
312	421	427	Max	12.50	154.84	43	-18.23	43	53.65	35	884.95	35	-716.37	39	6.17	35
312	421	427	Max	292.07					-0.01	35			447.04	35		
312	421	427	Max	577.50	154.84	43	-18.23	43	-52.05	39	-811.31	43	-752.75	43	6.17	35
312	421	427	Min.	12.50	146.41	35	-19.19	35	50.94	43	798.43	39	-789.99	35	5.60	43
312	421	427	Min.	292.71					-0.13	39			402.28	39		
312	421	427	Min.	577.50	146.41	35	-19.19	35	-54.79	35	-903.50	35	-842.39	35	5.60	43
312	427	433	Max	12.50	19.31	43	-5.75	35	26.91	39	1027.52	35	-969.71	39	-20.45	39
312	427	433	Max	337.11					8.07	35			600.35	35		
312	427	433	Max	577.50	19.31	43	-5.75	35	-5.76	35	-681.23	43	-271.36	43	-20.45	39
312	427	433	Min.	12.50	8.94	35	-6.21	39	26.74	35	928.39	39	-1067.36	35	-21.90	35
312	427	433	Min.	338.32					6.68	39			542.75	39		
312	427	433	Min.	577.50	8.94	35	-6.21	39	-8.17	39	-760.93	35	-314.25	35	-21.90	35
313	-9	-10	Max	0.00	309.68	35	23.92	43	-50.96	39	687.17	35	0.00	35	13.96	43

313	-9	-10	Max	205.00					-4.34	35			704.35	35		
313	-9	-10	Max	410.00	309.68	35	23.92	43	44.72	43	-614.85	39	0.00	39	13.96	43
313	-9	-10	Min.	0.00	302.13	39	22.74	39	-53.34	43	614.85	39	0.00	35	13.63	35
313	-9	-10	Min.	205.00					-4.34	39			630.22	39		
313	-9	-10	Min.	410.00	302.13	39	22.74	39	42.29	39	-687.17	35	0.00	35	13.63	35
313	-10	-11	Max	0.00	143.83	43	18.13	35	-36.66	43	552.91	35	-156.69	39	0.88	43
313	-10	-11	Max	164.95					-6.84	35			284.38	35		
313	-10	-11	Max	410.00	143.83	43	18.13	35	37.64	43	-733.78	43	-644.32	43	0.88	43
313	-10	-11	Min.	0.00	140.14	35	18.12	43	-36.75	35	495.91	39	-171.62	35	0.78	35
313	-10	-11	Min.	165.34					-6.77	39			253.29	39		
313	-10	-11	Min.	410.00	140.14	35	18.12	43	37.58	39	-821.44	35	-722.11	35	0.78	35
313	-11	-41	Max	0.00	-8.96	43	9.14	43	-26.90	39	947.23	35	-740.49	43	-0.01	43
313	-11	-41	Max	176.67	-8.96	43	9.14	43	-10.80	39	355.03	35	323.93	35	-0.01	43
313	-11	-41	Min.	0.00	-22.01	35	9.11	39	-26.98	43	847.87	43	-826.39	35	-0.10	39
313	-11	-41	Min.	176.67	-22.01	35	9.11	39	-10.84	43	318.00	43	289.36	43	-0.10	39
313	-41	-42	Max	0.00	-8.96	43	9.14	43	-10.80	39	355.02	35	323.94	35	-0.01	43
313	-41	-42	Max	105.91					-1.15	35			511.94	35		
313	-41	-42	Max	191.67	-8.96	43	9.14	43	6.67	43	-256.87	39	388.69	35	-0.01	43
313	-41	-42	Min.	0.00	-22.01	35	9.11	39	-10.84	43	317.99	43	289.37	43	-0.10	39
313	-41	-42	Min.	106.02					-1.15	43			457.94	43		
313	-41	-42	Min.	191.67	-22.01	35	9.11	39	6.66	39	-287.46	35	347.94	43	-0.10	39
313	-42	-12	Max	0.00	-8.96	43	9.14	43	6.67	43	-256.85	39	388.71	35	-0.01	43
313	-42	-12	Max	221.67	-8.96	43	9.14	43	26.93	43	-921.68	39	-958.23	39	-0.01	43
313	-42	-12	Min.	0.00	-22.01	35	9.11	39	6.66	39	-287.44	35	347.96	43	-0.10	39
313	-42	-12	Min.	221.67	-22.01	35	9.11	39	26.85	39	-1030.48	35	-1071.98	35	-0.10	39
313	-12	-43	Max	0.00	-114.26	43	10.06	43	-28.44	39	1130.49	35	-1033.09	39	0.04	43
313	-12	-43	Max	161.67	-114.26	43	10.06	43	-12.33	39	588.58	35	237.48	35	0.04	43
313	-12	-43	Min.	0.00	-131.87	35	9.97	39	-28.70	43	1012.64	39	-1152.10	35	-0.48	39
313	-12	-43	Min.	161.67	-131.87	35	9.97	39	-12.44	43	527.76	39	212.04	43	-0.48	39
313	-43	-44	Max	0.00	-114.26	43	10.06	43	-12.33	39	588.57	35	237.50	35	0.04	43
313	-43	-44	Max	175.58					5.18	35			754.21	35		
313	-43	-44	Max	191.67	-114.26	43	10.06	43	6.83	43	-47.09	43	749.88	35	0.04	43
313	-43	-44	Min.	0.00	-131.87	35	9.97	39	-12.44	43	527.75	39	212.06	43	-0.48	39
313	-43	-44	Min.	175.96					5.21	39			676.39	39		
313	-43	-44	Min.	191.67	-131.87	35	9.97	39	6.78	39	-53.91	35	672.69	39	-0.48	39
313	-44	-13	Max	0.00	-114.26	43	10.06	43	6.83	43	-47.07	43	749.88	35	0.04	43
313	-44	-13	Max	236.67	-114.26	43	10.06	43	30.63	43	-756.90	43	-278.67	43	0.04	43
313	-44	-13	Min.	0.00	-131.87	35	9.97	39	6.78	39	-53.89	35	672.70	39	-0.48	39
313	-44	-13	Min.	236.67	-131.87	35	9.97	39	30.37	39	-847.21	35	-316.42	35	-0.48	39
314	410	416	Max	17.50	-20.94	35	19.56	43	-11.80	39	601.42	35	0.00	35	-33.59	39
314	410	416	Max	207.50					23.61	35			571.35	35		
314	410	416	Max	397.50	-20.94	35	19.56	43	60.27	35	-541.38	39	0.00	35	-33.59	39
314	410	416	Min.	17.50	-24.31	43	18.15	39	-14.53	43	541.38	39	0.00	35	-35.14	35
314	410	416	Min.	207.50					22.69	39			514.32	39		
314	410	416	Min.	397.50	-24.31	43	18.15	39	57.19	39	-601.42	35	0.00	39	-35.14	35
314	416	422	Max	12.50	-32.52	39	52.18	35	-96.47	43	553.61	35	-260.79	43	-13.83	39
314	416	422	Max	187.40					-10.06	35			203.34	35		
314	416	422	Max	397.50	-32.52	39	52.18	35	99.57	35	-594.48	39	-438.57	39	-13.83	39
314	416	422	Min.	12.50	-35.53	35	49.76	43	-101.32	35	502.16	43	-280.78	35	-15.14	35
314	416	422	Min.	188.87					-8.85	39			181.57	39		
314	416	422	Min.	397.50	-35.53	35	49.76	43	95.11	43	-665.06	35	-495.33	35	-15.14	35
314	422	428	Max	12.50	-63.64	39	23.98	35	-64.25	39	881.87	35	-707.23	43	-5.51	39
314	422	428	Max	291.10					-0.14	35			447.12	35		
314	422	428	Max	577.50	-63.64	39	23.98	35	68.54	35	-814.56	39	-761.94	39	-5.51	39
314	422	428	Min.	12.50	-71.14	35	23.02	39	-66.94	35	795.19	43	-781.30	35	-5.93	35
314	422	428	Min.	291.57					-0.02	43			402.34	43		
314	422	428	Min.	577.50	-71.14	35	23.02	39	65.80	43	-906.58	35	-851.12	35	-5.93	35
314	428	434	Max	12.50	-81.61	39	11.33	43	-40.82	35	1022.45	35	-956.68	43	23.79	35
314	428	434	Max	335.51					-5.91	35			596.36	35		
314	428	434	Max	577.50	-81.61	39	11.33	43	22.84	43	-686.59	39	-288.50	39	23.79	35
314	428	434	Min.	12.50	-91.51	35	10.81	35	-41.16	43	923.07	43	-1054.93	35	21.36	43
314	428	434	Min.	336.45					-4.46	43			538.48	43		
314	428	434	Min.	577.50	-91.51	35	10.81	35	20.24	35	-766.00	35	-330.46	35	21.36	43
315	-150	-149	Max	0.00	34.35	39	0.98	35	-0.61	39	313.79	35	0.00	35	-0.12	43
315	-150	-149	Max	205.00					1.28	35			321.64	35		
315	-150	-149	Max	410.00	34.35	39	0.98	35	3.29	35	-256.39	39	0.00	35	-0.12	43
315	-150	-149	Min.	0.00	34.21	43	0.90	39	-0.72	35	256.39	39	0.00	35	-0.12	35
315	-150	-149	Min.	205.00					1.24	39			262.80	39		
315	-150	-149	Min.	410.00	34.21	43	0.90	39	3.09	39	-313.79	35	0.00	35	-0.12	35
315	-149	-140	Max	0.00	9.60	39	2.73	35	-5.29	39	313.79	35	0.00	35	-0.00	43
315	-149	-140	Max	205.00					0.03	35			321.64	35		
315	-149	-140	Max	410.00	9.60	39	2.73	35	5.63	35	-256.39	39	0.00	35	-0.00	43
315	-149	-140	Min.	0.00	8.56	35	2.60	39	-5.57	35	256.39	39	0.00	35	-0.00	35
315	-149	-140	Min.	205.00					0.03	39			262.80	39		
315	-149	-140	Min.	410.00	8.56	35	2.60	39	5.35	39	-313.79	35	0.00	39	-0.00	35
315	-140	-139	Max	0.00	-6.97	39	1.65	35	-4.73	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	-6.97	39	1.65	35	4.77	35	-378.72	39	0.00	39	-0.00	43
315	-140	-139	Min.	0.00	-8.88	35	1.58	39	-4.95	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	-8.88	35	1.58	39	4.57	39	-461.32	35	0.00	35	-0.00	35
315	-139	-138	Max	0.00	-25.51	39	1.05	35	-3.38	39	461.32	35	0.00	35	0.07	43
315	-139	-138	Max	295.00					-0.40	35			680.45	35		
315	-139	-138	Max	590.00	-25.51	39	1.05	35	2.69	35	-378.72	39	0.00	35	0.07	43
315	-139	-138	Min.	0.00	-28.59	35	1.02	39	-3.49	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	-28.59	35	1.02	39	2.65	39	-461.32	35	0.00	39	0.06	39
316	311	317	Max	17.50	302.56	39	37.31	35	-48.99	39	543.99	35	0.00	35	39.24	35
316	311	317	Max	207.50					20.22	35			516.79	35		
316	311	317	Max	397.50	302.56	39	37.31	35	91.10	35	-495.27	39	0.00	35	39.24	35

316	311	317	Min.	17.50	296.66	43	36.05	39	-51.16	43	495.27	39	0.00	35	35.68	43
316	311	317	Min.	207.50					19.51	39			470.50	39		
316	311	317	Min.	397.50	296.66	43	36.05	39	88.01	39	-543.98	35	0.00	39	35.68	43
316	317	323	Max	12.50	153.27	39	61.65	35	-113.66	43	502.18	35	-240.10	43	7.28	35
316	317	323	Max	187.90					-10.34	35			180.15	35		
316	317	323	Max	397.50	153.27	39	61.65	35	118.87	35	-543.70	39	-403.87	39	7.28	35
316	317	323	Min.	12.50	145.70	35	59.19	43	-118.48	35	458.71	43	-260.26	35	6.25	43
316	317	323	Min.	188.92					-9.35	39			163.15	39		
316	317	323	Min.	397.50	145.70	35	59.19	43	114.23	43	-600.11	35	-448.77	35	6.25	43
316	323	329	Max	12.50	11.72	39	29.63	35	-79.83	43	797.42	35	-643.72	43	3.10	35
316	323	329	Max	291.02					-0.31	35			404.85	35		
316	323	329	Max	577.50	11.72	39	29.63	35	84.58	35	-745.96	39	-699.10	39	3.10	35
316	323	329	Min.	12.50	-1.48	35	28.56	43	-82.84	35	726.33	43	-705.62	35	2.65	43
316	323	329	Min.	291.14					-0.25	43			368.22	43		
316	323	329	Min.	577.50	-1.48	35	28.56	43	81.54	43	-820.22	35	-770.04	35	2.65	43
316	329	335	Max	12.50	-94.00	39	24.91	35	-71.76	39	908.59	35	-855.08	43	-8.64	39
316	329	335	Max	329.85					5.34	35			509.01	35		
316	329	335	Max	577.50	-94.00	39	24.91	35	67.04	35	-642.84	39	-328.11	39	-8.64	39
316	329	335	Min.	12.50	-109.57	35	24.38	39	-73.72	35	829.26	43	-932.68	35	-10.10	35
316	329	335	Min.	330.63					5.83	43			463.98	43		
316	329	335	Min.	577.50	-109.57	35	24.38	39	65.99	39	-709.05	35	-368.97	35	-10.10	35
317	-153	-151	Max	0.00	-58.70	39	2.90	35	-4.82	39	261.38	35	0.00	35	0.47	35
317	-153	-151	Max	205.00					1.02	35			267.92	35		
317	-153	-151	Max	410.00	-58.70	39	2.90	35	6.97	35	-214.31	39	0.00	35	0.47	35
317	-153	-151	Min.	0.00	-60.70	35	2.84	39	-4.93	35	214.31	39	0.00	35	0.43	43
317	-153	-151	Min.	205.00					0.99	39			219.67	39		
317	-153	-151	Min.	410.00	-60.70	35	2.84	39	6.81	39	-261.38	35	0.00	39	0.43	43
317	-151	-145	Max	0.00	-6.79	43	4.34	35	-8.64	39	261.38	35	0.00	35	0.05	35
317	-151	-145	Max	205.00					0.00	35			267.92	35		
317	-151	-145	Max	410.00	-6.79	43	4.34	35	8.89	35	-214.31	39	0.00	35	0.05	35
317	-151	-145	Min.	0.00	-7.61	35	4.21	39	-8.89	35	214.31	39	0.00	35	0.04	39
317	-151	-145	Min.	205.00					0.00	39			219.67	39		
317	-151	-145	Min.	410.00	-7.61	35	4.21	39	8.64	39	-261.38	35	0.00	39	0.04	39
317	-145	-143	Max	0.00	17.13	35	2.70	35	-7.79	39	385.91	35	0.00	35	0.06	35
317	-145	-143	Max	295.00					-0.07	35			569.21	35		
317	-145	-143	Max	590.00	17.13	35	2.70	35	7.89	35	-318.17	39	0.00	39	0.06	35
317	-145	-143	Min.	0.00	16.81	43	2.62	39	-8.02	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	16.81	43	2.62	39	7.67	39	-385.91	35	0.00	35	0.05	39
317	-143	-141	Max	0.00	24.62	35	2.35	35	-7.03	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	24.62	35	2.35	35	6.65	35	-318.17	39	0.00	35	-0.21	43
317	-143	-141	Min.	0.00	23.89	43	2.29	39	-7.23	35	318.17	39	0.00	35	-0.24	35
317	-143	-141	Min.	295.00					-0.27	39			469.31	39		
317	-143	-141	Min.	590.00	23.89	43	2.29	39	6.49	39	-385.90	35	0.00	39	-0.24	35
318	-154	-152	Max	0.00	66.35	35	2.48	35	-4.19	39	258.89	35	0.00	35	0.13	43
318	-154	-152	Max	205.00					0.81	35			265.36	35		
318	-154	-152	Max	410.00	66.35	35	2.48	35	5.88	35	-212.31	39	0.00	39	0.13	43
318	-154	-152	Min.	0.00	64.21	43	2.42	39	-4.27	35	212.31	39	0.00	35	0.11	35
318	-154	-152	Min.	205.00					0.78	39			217.62	39		
318	-154	-152	Min.	410.00	64.21	43	2.42	39	5.75	39	-258.89	35	0.00	35	0.11	35
318	-152	-146	Max	0.00	17.00	35	3.68	35	-7.34	39	258.89	35	0.00	35	-0.09	43
318	-152	-146	Max	205.00					0.01	35			265.36	35		
318	-152	-146	Max	410.00	17.00	35	3.68	35	7.56	35	-212.31	39	0.00	39	-0.09	43
318	-152	-146	Min.	0.00	16.44	43	3.58	39	-7.54	35	212.31	39	0.00	35	-0.10	35
318	-152	-146	Min.	205.00					0.01	39			217.62	39		
318	-152	-146	Min.	410.00	16.44	43	3.58	39	7.35	39	-258.89	35	0.00	35	-0.10	35
318	-146	-144	Max	0.00	-4.80	43	2.30	35	-6.65	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	-4.80	43	2.30	35	6.75	35	-315.29	39	0.00	39	-0.06	39
318	-146	-144	Min.	0.00	-5.46	35	2.24	39	-6.84	35	315.29	39	0.00	35	-0.07	35
318	-146	-144	Min.	295.00					-0.04	39			465.05	39		
318	-146	-144	Min.	590.00	-5.46	35	2.24	39	6.57	39	-382.31	35	0.00	35	-0.07	35
318	-144	-142	Max	0.00	-22.48	43	2.04	35	-6.10	39	382.31	35	0.00	35	0.22	35
318	-144	-142	Max	295.00					-0.27	35			563.91	35		
318	-144	-142	Max	590.00	-22.48	43	2.04	35	5.74	35	-315.29	39	0.00	35	0.22	35
318	-144	-142	Min.	0.00	-24.44	35	1.98	39	-6.27	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	-24.44	35	1.98	39	5.61	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	78.56	43	-85.05	39	524.34	35
501	1	2	Max	26.10									-85.10	39		
501	1	2	Max	416.50	0.00	35	0.00	35	0.00	35	402.48	43	449.50	43	524.34	35
501	1	2	Min.	12.50	0.00	35	0.00	35	0.00	35	-9.86	35	-289.68	43	509.10	43
501	1	2	Min.	64.22									-96.61	35		
501	1	2	Min.	416.50	0.00	35	0.00	35	0.00	35	336.72	39	361.77	39	509.10	43
501	2	3	Max	12.50	0.00	35	0.00	35	0.00	35	-330.54	43	415.10	35	106.42	35
501	2	3	Max	194.94									48.61	43		
501	2	3	Max	337.50	0.00	35	0.00	35	0.00	35	264.38	43	237.65	43	106.42	35
501	2	3	Min.	12.50	0.00	35	0.00	35	0.00	35	-384.91	35	354.42	43	100.21	43
501	2	3	Min.	209.62									31.22	35		
501	2	3	Min.	337.50	0.00	35	0.00	35	0.00	35	233.54	39	179.30	39	100.21	43
501	3	4	Max	12.50	0.00	35	0.00	35	0.00	35	-375.22	43	336.34	35	-60.18	39
501	3	4	Max	247.37									-170.96	43		
501	3	4	Max	428.50	0.00	35	0.00	35	0.00	35	264.12	43	65.56	43	-60.18	39
501	3	4	Min.	12.50	0.00	35	0.00	35	0.00	35	-436.29	35	252.22	43	-63.29	43
501	3	4	Min.	265.56									-192.33	35		
501	3	4	Min.	428.50	0.00	35	0.00	35	0.00	35	229.37	39	-2.02	39	-63.29	43
501	4	5	Max	12.50	0.00	35	0.00	35	0.00	35	-157.70	43	149.55	35	-38.99	39
501	4	5	Max	132.90									18.91	39		
501	4	5	Max	337.50	0.00	35	0.00	35	0.00	35	374.75	43	417.11	43	-38.99	39

501	4	5	Min.	12.50	0.00	35	0.00	35	0.00	35	-211.46	35	76.01	43	-42.21	35
501	4	5	Min.	112.14										-3.21	43	
501	4	5	Min.	337.50	0.00	35	0.00	35	0.00	35	340.33	39	366.95	39	-42.21	35
501	5	6	Max	12.50	0.00	35	0.00	35	0.00	35	-411.95	43	593.60	35	-491.65	39
501	5	6	Max	416.50	0.00	35	0.00	35	0.00	35	-90.12	43	-297.04	43	-491.65	39
501	5	6	Min.	12.50	0.00	35	0.00	35	0.00	35	-495.73	35	491.27	43	-505.25	35
501	5	6	Min.	416.50	0.00	35	0.00	35	0.00	35	-150.18	39	-459.49	35	-505.25	35
506	31	32	Max	12.50	0.00	35	0.00	35	0.00	35	395.60	43	-78.10	39	-62.59	43
506	31	32	Max	416.50	0.00	35	0.00	35	0.00	35	-307.56	43	-170.01	43	-62.59	43
506	31	32	Min.	12.50	0.00	35	0.00	35	0.00	35	310.12	35	-296.76	43	-73.18	35
506	31	32	Min.	416.50	0.00	35	0.00	35	0.00	35	-371.89	39	-252.63	39	-73.18	35
506	32	33	Max	12.50	0.00	35	0.00	35	0.00	35	341.38	43	-30.70	35	-0.89	39
506	32	33	Max	337.50	0.00	35	0.00	35	0.00	35	-201.96	43	174.16	43	-0.89	39
506	32	33	Min.	12.50	0.00	35	0.00	35	0.00	35	295.76	35	-87.99	43	-4.68	35
506	32	33	Min.	337.50	0.00	35	0.00	35	0.00	35	-223.68	39	129.99	39	-4.68	35
506	33	-6	Max	12.50	0.00	35	0.00	35	0.00	35	-246.76	43	238.66	35	0.72	35
506	33	-6	Max	220.50	0.00	35	0.00	35	0.00	35	-790.87	43	-881.66	43	0.72	35
506	33	-6	Min.	12.50	0.00	35	0.00	35	0.00	35	-311.94	35	167.55	43	-4.11	43
506	33	-6	Min.	220.50	0.00	35	0.00	35	0.00	35	-840.35	35	-927.59	35	-4.11	43
506	-6	34	Max	0.00	0.00	35	0.00	35	0.00	35	794.78	35	-880.55	39	-16.92	39
506	-6	34	Max	208.00	0.00	35	0.00	35	0.00	35	261.67	35	169.58	43	-16.92	39
506	-6	34	Min.	0.00	0.00	35	0.00	35	0.00	35	768.68	39	-925.94	35	-20.48	35
506	-6	34	Min.	208.00	0.00	35	0.00	35	0.00	35	222.39	39	120.64	39	-20.48	35
506	34	35	Max	12.50	0.00	35	0.00	35	0.00	35	200.62	43	242.09	35	12.98	35
506	34	35	Max	337.50	0.00	35	0.00	35	0.00	35	-342.15	43	-89.14	43	12.98	35
506	34	35	Min.	12.50	0.00	35	0.00	35	0.00	35	160.58	35	176.19	43	8.58	43
506	34	35	Min.	337.50	0.00	35	0.00	35	0.00	35	-368.86	39	-126.03	39	8.58	43
506	35	36	Max	12.50	0.00	35	0.00	35	0.00	35	307.34	43	-73.24	35	72.91	35
506	35	36	Max	416.50	0.00	35	0.00	35	0.00	35	-395.73	43	-297.98	43	72.91	35
506	35	36	Min.	12.50	0.00	35	0.00	35	0.00	35	223.81	35	-170.28	43	65.02	39
506	35	36	Min.	416.50	0.00	35	0.00	35	0.00	35	-460.75	39	-493.20	35	65.02	39
507	1	7	Max	17.50	0.00	35	0.00	35	0.00	35	445.24	39	-1134.87	39	-39.12	39
507	1	7	Max	617.50	0.00	35	0.00	35	0.00	35	31.76	35	-1.85	35	-39.12	39
507	1	7	Min.	17.50	0.00	35	0.00	35	0.00	35	437.46	43	-1163.23	35	-84.10	43
507	1	7	Min.	617.50	0.00	35	0.00	35	0.00	35	5.27	39	-25.09	39	-84.10	43
507	7	13	Max	17.50	0.00	35	0.00	35	0.00	35	-500.67	43	1239.43	35	-18.40	39
507	7	13	Max	397.50	0.00	35	0.00	35	0.00	35	-653.07	35	-755.20	43	-18.40	39
507	7	13	Min.	17.50	0.00	35	0.00	35	0.00	35	-540.25	35	1181.10	43	-36.83	43
507	7	13	Min.	397.50	0.00	35	0.00	35	0.00	35	-659.84	39	-763.61	35	-36.83	43
507	13	19	Max	12.50	0.00	35	0.00	35	0.00	35	468.44	43	-629.54	39	-16.11	39
507	13	19	Max	397.50	0.00	35	0.00	35	0.00	35	-191.37	35	-150.05	35	-16.11	39
507	13	19	Min.	12.50	0.00	35	0.00	35	0.00	35	452.74	35	-636.20	43	-20.83	35
507	13	19	Min.	397.50	0.00	35	0.00	35	0.00	35	-217.37	39	-172.80	39	-20.83	35
507	19	25	Max	12.50	0.00	35	0.00	35	0.00	35	338.37	43	-208.24	35	11.11	43
507	19	25	Max	577.50	0.00	35	0.00	35	0.00	35	-294.45	35	-250.07	35	11.11	43
507	19	25	Min.	12.50	0.00	35	0.00	35	0.00	35	309.71	35	-234.06	43	1.78	39
507	19	25	Min.	577.50	0.00	35	0.00	35	0.00	35	-328.78	39	-287.23	39	1.78	39
507	25	31	Max	12.50	0.00	35	0.00	35	0.00	35	327.52	43	-200.08	35	103.39	43
507	25	31	Max	577.50	0.00	35	0.00	35	0.00	35	-440.22	43	-366.36	43	103.39	43
507	25	31	Min.	12.50	0.00	35	0.00	35	0.00	35	292.28	35	-248.05	43	51.69	39
507	25	31	Min.	577.50	0.00	35	0.00	35	0.00	35	-454.91	39	-398.94	35	51.69	39
519	6	12	Max	17.50	0.00	35	0.00	35	0.00	35	431.33	43	-1127.66	43	126.03	35
519	6	12	Max	617.50	0.00	35	0.00	35	0.00	35	51.52	35	24.34	35	126.03	35
519	6	12	Min.	17.50	0.00	35	0.00	35	0.00	35	421.96	35	-1163.82	35	85.60	43
519	6	12	Min.	617.50	0.00	35	0.00	35	0.00	35	14.65	43	-14.01	43	85.60	43
519	12	18	Max	17.50	0.00	35	0.00	35	0.00	35	-500.38	39	1226.07	35	57.58	35
519	12	18	Max	397.50	0.00	35	0.00	35	0.00	35	-645.18	35	-750.80	39	57.58	35
519	12	18	Min.	17.50	0.00	35	0.00	35	0.00	35	-537.33	35	1175.71	39	37.01	43
519	12	18	Min.	397.50	0.00	35	0.00	35	0.00	35	-656.59	43	-756.51	43	37.01	43
519	18	24	Max	12.50	0.00	35	0.00	35	0.00	35	470.35	39	-635.14	43	27.47	35
519	18	24	Max	397.50	0.00	35	0.00	35	0.00	35	-184.76	35	-138.40	35	27.47	35
519	18	24	Min.	12.50	0.00	35	0.00	35	0.00	35	458.36	35	-643.29	35	19.78	43
519	18	24	Min.	397.50	0.00	35	0.00	35	0.00	35	-214.78	43	-167.94	43	19.78	43
519	24	30	Max	12.50	0.00	35	0.00	35	0.00	35	338.92	39	-216.90	35	-11.57	43
519	24	30	Max	577.50	0.00	35	0.00	35	0.00	35	-289.33	35	-240.19	35	-11.57	43
519	24	30	Min.	12.50	0.00	35	0.00	35	0.00	35	312.66	35	-237.33	39	-18.30	35
519	24	30	Min.	577.50	0.00	35	0.00	35	0.00	35	-326.90	43	-283.20	43	-18.30	35
519	30	36	Max	12.50	0.00	35	0.00	35	0.00	35	326.50	43	-213.02	35	-104.19	43
519	30	36	Max	577.50	0.00	35	0.00	35	0.00	35	-420.44	35	-355.92	39	-104.19	43
519	30	36	Min.	12.50	0.00	35	0.00	35	0.00	35	291.51	35	-252.65	39	-155.10	35
519	30	36	Min.	577.50	0.00	35	0.00	35	0.00	35	-441.51	43	-372.48	35	-155.10	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	-4345.70	36	1154.91	36	-634.16	36	-153.14	36	178.19	36	0.10	36
1	1	101	Max	310.50	-3703.66	36	1154.91	36	2755.52	36	-153.14	36	-271.27	36	0.10	36
1	1	101	Min.	17.00	-4345.70	36	1154.91	36	-634.16	36	-153.14	36	178.19	36	0.10	36
1	1	101	Min.	310.50	-3703.66	36	1154.91	36	2755.52	36	-153.14	36	-271.27	36	0.10	36
2	2	302	Max	17.00	-7473.95	36	1949.18	36	-441.84	36	-31.54	36	75.49	36	0.10	36
2	2	302	Max	310.50	-6831.92	36	1949.18	36	5279.00	36	-31.54	36	-17.09	36	0.10	36
2	2	302	Min.	17.00	-7473.95	36	1949.18	36	-441.84	36	-31.54	36	75.49	36	0.10	36
2	2	302	Min.	310.50	-6831.92	36	1949.18	36	5279.00	36	-31.54	36	-17.09	36	0.10	36
3	3	403	Max	17.00	-7540.17	36	1903.79	36	-243.59	36	-5.18	36	-18.37	36	0.10	36
3	3	403	Max	310.50	-6898.14	36	1903.79	36	5344.03	36	-5.18	36	-33.57	36	0.10	36
3	3	403	Min.	17.00	-7540.17	36	1903.79	36	-243.59	36	-5.18	36	-18.37	36	0.10	36
3	3	403	Min.	310.50	-6898.14	36	1903.79	36	5344.03	36	-5.18	36	-33.57	36	0.10	36
4	4	404	Max	17.00	-7009.77	36	1607.46	36	-77.17	36	17.27	36	-2.44	36	0.10	36
4	4	404	Max	310.50	-6367.74	36	1607.46	36	4640.73	36	17.27	36	48.25	36	0.10	36

4	4	404Min.	17.00	-7009.77	36	1607.46	36	-77.17	36	17.27	36	-2.44	36	0.10	36
4	4	404Min.	310.50	-6367.74	36	1607.46	36	4640.73	36	17.27	36	48.25	36	0.10	36
5	5	305Max	17.00	-7456.52	36	1949.18	36	-475.19	36	20.91	36	-57.55	36	0.10	36
5	5	305Max	310.50	-6814.49	36	1949.18	36	5245.66	36	20.91	36	3.83	36	0.10	36
5	5	305Min.	17.00	-7456.52	36	1949.18	36	-475.19	36	20.91	36	-57.55	36	0.10	36
5	5	305Min.	310.50	-6814.49	36	1949.18	36	5245.66	36	20.91	36	3.83	36	0.10	36
6	6	106Max	17.00	-4346.66	36	1153.83	36	-634.86	36	156.43	36	-184.94	36	0.10	36
6	6	106Max	310.50	-3704.63	36	1153.83	36	2751.64	36	156.43	36	274.18	36	0.10	36
6	6	106Min.	17.00	-4346.66	36	1153.83	36	-634.86	36	156.43	36	-184.94	36	0.10	36
6	6	106Min.	310.50	-3704.63	36	1153.83	36	2751.64	36	156.43	36	274.18	36	0.10	36
7	7	107Max	17.00	-5480.98	36	-1238.62	36	1106.04	36	-162.19	36	66.24	36	0.10	36
7	7	107Max	310.53	-4838.88	36	-1238.62	36	-2529.70	36	-162.19	36	-409.84	36	0.10	36
7	7	107Min.	17.00	-5480.98	36	-1238.62	36	1106.04	36	-162.19	36	66.24	36	0.10	36
7	7	107Min.	310.53	-4838.88	36	-1238.62	36	-2529.70	36	-162.19	36	-409.84	36	0.10	36
8	8	-155Max	0.00	-9337.89	36	-1926.15	36	454.44	36	-24.90	36	8.95	36	0.10	36
8	8	-155Max	305.50	-8669.61	36	-1926.15	36	-5429.94	36	-24.90	36	-67.14	36	0.10	36
8	8	-155Min.	0.00	-9337.89	36	-1926.15	36	454.44	36	-24.90	36	8.95	36	0.10	36
8	8	-155Min.	305.50	-8669.61	36	-1926.15	36	-5429.94	36	-24.90	36	-67.14	36	0.10	36
8	-155	308Max	17.50	-1427.73	36	-139.02	36	307.20	36	799.30	36	54.46	36	11.76	36
8	-155	308Max	17.58	-1427.56	36	-139.02	36	307.09	36	799.30	36	55.06	36	11.76	36
8	-155	308Min.	17.50	-1427.73	36	-139.02	36	307.20	36	799.30	36	54.46	36	11.76	36
8	-155	308Min.	17.58	-1427.56	36	-139.02	36	307.09	36	799.30	36	55.06	36	11.76	36
9	9	-15Max	0.00	-9634.43	36	-1910.73	36	450.96	36	3.17	36	-1.64	36	0.10	36
9	9	-15Max	305.50	-8966.15	36	-1910.73	36	-5386.33	36	3.17	36	8.04	36	0.10	36
9	9	-15Min.	0.00	-9634.43	36	-1910.73	36	450.96	36	3.17	36	-1.64	36	0.10	36
9	9	-15Min.	305.50	-8966.15	36	-1910.73	36	-5386.33	36	3.17	36	8.04	36	0.10	36
9	-15	409Max	17.50	-1616.42	36	-707.42	36	418.10	36	-282.29	36	-32.45	36	176.90	36
9	-15	409Max	42.09	-1562.63	36	-707.41	36	244.16	36	-282.29	36	-101.86	36	176.90	36
9	-15	409Min.	17.50	-1616.42	36	-707.42	36	418.10	36	-282.29	36	-32.45	36	176.90	36
9	-15	409Min.	42.09	-1562.63	36	-707.41	36	244.16	36	-282.29	36	-101.86	36	176.90	36
10	10	-16Max	0.00	-8280.67	36	-1612.09	36	382.08	36	-16.54	36	5.79	36	0.10	36
10	10	-16Max	305.50	-7612.39	36	-1612.09	36	-4542.85	36	-16.54	36	-44.74	36	0.10	36
10	10	-16Min.	0.00	-8280.67	36	-1612.09	36	382.08	36	-16.54	36	5.79	36	0.10	36
10	10	-16Min.	305.50	-7612.39	36	-1612.09	36	-4542.85	36	-16.54	36	-44.74	36	0.10	36
10	-16	410Max	17.50	-1800.77	36	-79.29	36	49.48	36	571.30	36	37.82	36	-122.12	36
10	-16	410Max	42.09	-1746.98	36	-79.29	36	29.98	36	571.29	36	178.29	36	-122.12	36
10	-16	410Min.	17.50	-1800.77	36	-79.29	36	49.48	36	571.30	36	37.82	36	-122.12	36
10	-16	410Min.	42.09	-1746.98	36	-79.29	36	29.98	36	571.29	36	178.29	36	-122.12	36
11	11	-7Max	0.00	-9256.79	36	-1900.57	36	448.81	36	23.15	36	-9.17	36	0.10	36
11	11	-7Max	305.50	-8588.51	36	-1900.57	36	-5357.45	36	23.15	36	61.55	36	0.10	36
11	11	-7Min.	0.00	-9256.79	36	-1900.57	36	448.81	36	23.15	36	-9.17	36	0.10	36
11	11	-7Min.	305.50	-8588.51	36	-1900.57	36	-5357.45	36	23.15	36	61.55	36	0.10	36
11	-7	311Max	17.50	-1342.24	36	-341.57	36	382.52	36	-1117.47	36	-116.14	36	-76.93	36
11	-7	311Max	17.58	-1342.08	36	-341.57	36	382.26	36	-1117.47	36	-116.98	36	-76.93	36
11	-7	311Min.	17.50	-1342.24	36	-341.57	36	382.52	36	-1117.47	36	-116.14	36	-76.93	36
11	-7	311Min.	17.58	-1342.08	36	-341.57	36	382.26	36	-1117.47	36	-116.98	36	-76.93	36
12	12	112Max	17.00	-5486.79	36	-1240.81	36	1110.55	36	163.78	36	-68.37	36	0.10	36
12	12	112Max	310.53	-4844.69	36	-1240.81	36	-2531.60	36	163.78	36	412.37	36	0.10	36
12	12	112Min.	17.00	-5486.79	36	-1240.81	36	1110.55	36	163.78	36	-68.37	36	0.10	36
12	12	112Min.	310.53	-4844.69	36	-1240.81	36	-2531.60	36	163.78	36	412.37	36	0.10	36
13	13	113Max	17.00	-1832.12	36	-30.66	36	100.04	36	-147.95	36	55.14	36	0.05	36
13	13	113Max	310.53	-1373.48	36	-30.66	36	10.04	36	-147.95	36	-379.14	36	0.05	36
13	13	113Min.	17.00	-1832.12	36	-30.66	36	100.04	36	-147.95	36	55.14	36	0.05	36
13	13	113Min.	310.53	-1373.48	36	-30.66	36	10.04	36	-147.95	36	-379.14	36	0.05	36
14	14	314Max	0.00	-2925.47	36	86.60	36	-81.38	36	53.97	36	-27.27	36	-16.48	36
14	14	314Max	340.58	-2393.32	36	86.60	36	213.56	36	53.97	36	156.55	36	-16.48	36
14	14	314Min.	0.00	-2925.47	36	86.60	36	-81.38	36	53.97	36	-27.27	36	-16.48	36
14	14	314Min.	340.58	-2393.32	36	86.60	36	213.56	36	53.97	36	156.55	36	-16.48	36
15	15	415Max	0.00	-3080.23	36	124.98	36	-134.73	36	-61.13	36	38.54	36	-8.56	36
15	15	415Max	365.09	-2509.78	36	124.98	36	321.55	36	-61.13	36	-184.63	36	-8.56	36
15	15	415Min.	0.00	-3080.23	36	124.98	36	-134.73	36	-61.13	36	38.54	36	-8.56	36
15	15	415Min.	365.09	-2509.78	36	124.98	36	321.55	36	-61.13	36	-184.63	36	-8.56	36
16	16	416Max	0.00	-3064.10	36	113.06	36	-118.22	36	61.12	36	-39.04	36	10.90	36
16	16	416Max	365.09	-2493.65	36	113.06	36	294.55	36	61.12	36	184.11	36	10.90	36
16	16	416Min.	0.00	-3064.10	36	113.06	36	-118.22	36	61.12	36	-39.04	36	10.90	36
16	16	416Min.	365.09	-2493.65	36	113.06	36	294.55	36	61.12	36	184.11	36	10.90	36
17	17	317Max	0.00	-2921.74	36	86.28	36	-80.20	36	-52.97	36	26.19	36	13.86	36
17	17	317Max	340.58	-2389.59	36	86.28	36	213.66	36	-52.97	36	-154.21	36	13.86	36
17	17	317Min.	0.00	-2921.74	36	86.28	36	-80.20	36	-52.97	36	26.19	36	13.86	36
17	17	317Min.	340.58	-2389.59	36	86.28	36	213.66	36	-52.97	36	-154.21	36	13.86	36
18	18	118Max	17.00	-1834.30	36	-32.12	36	102.33	36	149.40	36	-56.48	36	0.05	36
18	18	118Max	310.53	-1375.66	36	-32.12	36	8.06	36	149.40	36	382.03	36	0.05	36
18	18	118Min.	17.00	-1834.30	36	-32.12	36	102.33	36	149.40	36	-56.48	36	0.05	36
18	18	118Min.	310.53	-1375.66	36	-32.12	36	8.06	36	149.40	36	382.03	36	0.05	36
19	19	119Max	17.00	-2449.32	36	50.53	36	-57.10	36	-179.69	36	73.40	36	0.05	36
19	19	119Max	310.53	-1990.68	36	50.53	36	91.24	36	-179.69	36	-454.05	36	0.05	36
19	19	119Min.	17.00	-2449.32	36	50.53	36	-57.10	36	-179.69	36	73.40	36	0.05	36
19	19	119Min.	310.53	-1990.68	36	50.53	36	91.24	36	-179.69	36	-454.05	36	0.05	36
20	20	320Max	0.00	-3388.93	36	94.12	36	-85.33	36	65.89	36	-33.22	36	-16.98	36
20	20	320Max	340.58	-2856.78	36	94.12	36	235.21	36	65.89	36	191.19	36	-16.98	36
20	20	320Min.	0.00	-3388.93	36	94.12	36	-85.33	36	65.89	36	-33.22	36	-16.98	36
20	20	320Min.	340.58	-2856.78	36	94.12	36	235.21	36	65.89	36	191.19	36	-16.98	36
21	21	421Max	0.00	-3686.33	36	129.20	36	-136.79	36	-86.14	36	54.14	36	-8.16	36
21	21	421Max	365.09	-3115.88	36	129.20	36	334.89	36	-86.14	36	-260.36	36	-8.16	36
21	21	421Min.	0.00	-3686.33	36	129.20	36	-136.79	36	-86.14	36	54.14	36	-8.16	36
21	21	421Min.	365.09	-3115.88	36	129.20	36	334.89	36	-86.14	36	-260.36	36	-8.16	36

23	23	323	Max	0.00	-3388.33	36	92.84	36	-83.48	36	-64.81	36	32.23	36	14.08	36
23	23	323	Max	340.58	-2856.18	36	92.84	36	232.72	36	-64.81	36	-188.50	36	14.08	36
23	23	323	Min.	0.00	-3388.33	36	92.84	36	-83.48	36	-64.81	36	32.23	36	14.08	36
23	23	323	Min.	340.58	-2856.18	36	92.84	36	232.72	36	-64.81	36	-188.50	36	14.08	36
24	24	124	Max	17.00	-2451.14	36	48.95	36	-54.76	36	181.03	36	-74.45	36	0.05	36
24	24	124	Max	310.53	-1992.50	36	48.95	36	88.94	36	181.03	36	456.95	36	0.05	36
24	24	124	Min.	17.00	-2451.14	36	48.95	36	-54.76	36	181.03	36	-74.45	36	0.05	36
24	24	124	Min.	310.53	-1992.50	36	48.95	36	88.94	36	181.03	36	456.95	36	0.05	36
25	25	125	Max	17.00	-2759.33	36	-13.45	36	31.53	36	-216.45	36	120.70	36	0.05	36
25	25	125	Max	310.53	-2300.69	36	-13.45	36	-7.94	36	-216.45	36	-514.65	36	0.05	36
25	25	125	Min.	17.00	-2759.33	36	-13.45	36	31.53	36	-216.45	36	120.70	36	0.05	36
25	25	125	Min.	310.53	-2300.69	36	-13.45	36	-7.94	36	-216.45	36	-514.65	36	0.05	36
26	26	326	Max	0.00	-3852.60	36	64.83	36	-69.87	36	72.59	36	-36.26	36	-18.25	36
26	26	326	Max	340.58	-3320.45	36	64.83	36	150.93	36	72.59	36	210.96	36	-18.25	36
26	26	326	Min.	0.00	-3852.60	36	64.83	36	-69.87	36	72.59	36	-36.26	36	-18.25	36
26	26	326	Min.	340.58	-3320.45	36	64.83	36	150.93	36	72.59	36	210.96	36	-18.25	36
27	27	427	Max	0.00	-4266.06	36	100.55	36	-119.55	36	-101.54	36	63.94	36	-8.74	36
27	27	427	Max	365.09	-3695.61	36	100.55	36	247.55	36	-101.54	36	-306.78	36	-8.74	36
27	27	427	Min.	0.00	-4266.06	36	100.55	36	-119.55	36	-101.54	36	63.94	36	-8.74	36
27	27	427	Min.	365.09	-3695.61	36	100.55	36	247.55	36	-101.54	36	-306.78	36	-8.74	36
28	28	428	Max	0.00	-4264.51	36	88.42	36	-103.82	36	101.83	36	-64.33	36	11.21	36
28	28	428	Max	365.09	-3694.06	36	88.42	36	218.97	36	101.83	36	307.42	36	11.21	36
28	28	428	Min.	0.00	-4264.51	36	88.42	36	-103.82	36	101.83	36	-64.33	36	11.21	36
28	28	428	Min.	365.09	-3694.06	36	88.42	36	218.97	36	101.83	36	307.42	36	11.21	36
29	29	329	Max	0.00	-3849.62	36	63.40	36	-67.77	36	-71.78	36	35.58	36	15.04	36
29	29	329	Max	340.58	-3317.47	36	63.40	36	148.17	36	-71.78	36	-208.89	36	15.04	36
29	29	329	Min.	0.00	-3849.62	36	63.40	36	-67.77	36	-71.78	36	35.58	36	15.04	36
29	29	329	Min.	340.58	-3317.47	36	63.40	36	148.17	36	-71.78	36	-208.89	36	15.04	36
30	30	130	Max	17.00	-2761.55	36	-14.79	36	33.69	36	217.67	36	-121.56	36	0.05	36
30	30	130	Max	310.53	-2302.91	36	-14.79	36	-9.71	36	217.67	36	517.38	36	0.05	36
30	30	130	Min.	17.00	-2761.55	36	-14.79	36	33.69	36	217.67	36	-121.56	36	0.05	36
30	30	130	Min.	310.53	-2302.91	36	-14.79	36	-9.71	36	217.67	36	517.38	36	0.05	36
31	31	231	Max	17.00	-1711.79	36	-260.66	36	299.79	36	-201.46	36	206.45	36	0.05	36
31	31	231	Max	310.53	-1253.15	36	-260.66	36	-465.33	36	-201.46	36	-384.89	36	0.05	36
31	31	231	Min.	17.00	-1711.79	36	-260.66	36	299.79	36	-201.46	36	206.45	36	0.05	36
31	31	231	Min.	310.53	-1253.15	36	-260.66	36	-465.33	36	-201.46	36	-384.89	36	0.05	36
32	32	332	Max	17.00	-2319.27	36	-138.56	36	50.18	36	72.48	36	-70.54	36	-16.39	36
32	32	332	Max	340.58	-1813.68	36	-138.56	36	-398.16	36	72.48	36	164.00	36	-16.39	36
32	32	332	Min.	17.00	-2319.27	36	-138.56	36	50.18	36	72.48	36	-70.54	36	-16.39	36
32	32	332	Min.	340.58	-1813.68	36	-138.56	36	-398.16	36	72.48	36	164.00	36	-16.39	36
33	33	433	Max	17.00	-2444.63	36	-121.33	36	-10.26	36	-29.88	36	-11.79	36	1.07	36
33	33	433	Max	365.09	-1900.74	36	-121.33	36	-432.58	36	-29.88	36	-115.81	36	1.07	36
33	33	433	Min.	17.00	-2444.63	36	-121.33	36	-10.26	36	-29.88	36	-11.79	36	1.07	36
33	33	433	Min.	365.09	-1900.74	36	-121.33	36	-432.58	36	-29.88	36	-115.81	36	1.07	36
34	34	434	Max	17.00	-2450.46	36	-138.41	36	21.98	36	29.88	36	11.76	36	1.73	36
34	34	434	Max	365.09	-1906.57	36	-138.41	36	-459.80	36	29.88	36	115.78	36	1.73	36
34	34	434	Min.	17.00	-2450.46	36	-138.41	36	21.98	36	29.88	36	11.76	36	1.73	36
34	34	434	Min.	365.09	-1906.57	36	-138.41	36	-459.80	36	29.88	36	115.78	36	1.73	36
35	35	335	Max	17.00	-2318.92	36	-139.10	36	50.54	36	-71.87	36	69.69	36	12.32	36
35	35	335	Max	340.58	-1813.33	36	-139.10	36	-399.55	36	-71.87	36	-162.85	36	12.32	36
35	35	335	Min.	17.00	-2318.92	36	-139.10	36	50.54	36	-71.87	36	69.69	36	12.32	36
35	35	335	Min.	340.58	-1813.33	36	-139.10	36	-399.55	36	-71.87	36	-162.85	36	12.32	36
36	36	136	Max	17.00	-1712.99	36	-260.33	36	299.73	36	202.08	36	-206.97	36	0.05	36
36	36	136	Max	310.53	-1254.35	36	-260.33	36	-464.41	36	202.08	36	386.19	36	0.05	36
36	36	136	Min.	17.00	-1712.99	36	-260.33	36	299.73	36	202.08	36	-206.97	36	0.05	36
36	36	136	Min.	310.53	-1254.35	36	-260.33	36	-464.41	36	202.08	36	386.19	36	0.05	36
101	101	302	Max	12.50	0.00	36	0.00	36	0.00	36	335.45	36	-215.07	36	-157.08	36
101	101	302	Max	227.19									145.02	36		
101	101	302	Max	416.50	0.00	36	0.00	36	0.00	36	-295.80	36	-134.98	36	-157.08	36
101	101	302	Min.	12.50	0.00	36	0.00	36	0.00	36	335.45	36	-215.07	36	-157.08	36
101	101	302	Min.	227.19									145.02	36		
101	101	302	Min.	416.50	0.00	36	0.00	36	0.00	36	-295.80	36	-134.98	36	-157.08	36
101	302	403	Max	12.50	0.00	36	0.00	36	0.00	36	252.67	36	-147.48	36	-12.45	36
101	302	403	Max	174.21									56.81	36		
101	302	403	Max	337.50	0.00	36	0.00	36	0.00	36	-255.14	36	-151.50	36	-12.45	36
101	302	403	Min.	12.50	0.00	36	0.00	36	0.00	36	252.67	36	-147.48	36	-12.45	36
101	302	403	Min.	174.21									56.81	36		
101	302	403	Min.	337.50	0.00	36	0.00	36	0.00	36	-255.14	36	-151.50	36	-12.45	36
101	403	-8	Max	12.50	0.00	36	0.00	36	0.00	36	315.00	36	-186.59	36	35.88	36
101	403	-8	Max	214.10									130.92	36		
101	403	-8	Max	220.50	0.00	36	0.00	36	0.00	36	-10.00	36	130.60	36	35.88	36
101	403	-8	Min.	12.50	0.00	36	0.00	36	0.00	36	315.00	36	-186.59	36	35.88	36
101	403	-8	Min.	214.10									130.92	36		
101	403	-8	Min.	220.50	0.00	36	0.00	36	0.00	36	-10.00	36	130.60	36	35.88	36
101	-8	404	Max	0.00	0.00	36	0.00	36	0.00	36	-10.00	36	130.60	36	35.88	36
101	-8	404	Max	208.00	0.00	36	0.00	36	0.00	36	-335.00	36	-228.21	36	35.88	36
101	-8	404	Min.	0.00	0.00	36	0.00	36	0.00	36	-10.00	36	130.60	36	35.88	36
101	-8	404	Min.	208.00	0.00	36	0.00	36	0.00	36	-335.00	36	-228.21	36	35.88	36
101	404	305	Max	12.50	0.00	36	0.00	36	0.00	36	266.62	36	-171.82	36	-29.72	36
101	404	305	Max	183.14									55.66	36		
101	404	305	Max	337.50	0.00	36	0.00	36	0.00	36	-241.19	36	-130.49	36	-29.72	36
101	404	305	Min.	12.50	0.00	36	0.00	36	0.00	36	266.62	36	-171.82	36	-29.72	36
101	404	305	Min.	183.14									55.66	36		
101	404	305	Min.	337.50	0.00	36	0.00	36	0.00	36	-241.19	36	-130.49	36	-29.72	36
101	305	106	Max	12.50	0.00	36	0.00	36	0.00	36	294.23	36	-131.24	36	154.22	36
101	305	106	Max	200.81									145.79	36		
101	305	106	Max													

107	101	-120	Max	17.50	0.00	36	0.00	36	0.00	36	3132.91	36	-2178.05	36	32.19	36
107	101	-120	Max	105.83	0.00	36	0.00	36	0.00	36	2181.78	36	169.27	36	32.19	36
107	101	-120	Min.	17.50	0.00	36	0.00	36	0.00	36	3132.91	36	-2178.05	36	32.19	36
107	101	-120	Min.	105.83	0.00	36	0.00	36	0.00	36	2181.78	36	169.27	36	32.19	36
107	-120	-121	Max	0.00	0.00	36	0.00	36	0.00	36	2181.78	36	169.27	36	32.19	36
107	-120	-121	Max	122.83	0.00	36	0.00	36	0.00	36	859.17	36	2036.92	36	32.19	36
107	-120	-121	Min.	0.00	0.00	36	0.00	36	0.00	36	2181.78	36	169.27	36	32.19	36
107	-120	-121	Min.	122.83	0.00	36	0.00	36	0.00	36	859.17	36	2036.92	36	32.19	36
107	-121	-122	Max	0.00	0.00	36	0.00	36	0.00	36	859.17	36	2036.92	36	32.19	36
107	-121	-122	Max	79.79									2379.70	36		
107	-121	-122	Max	105.83	0.00	36	0.00	36	0.00	36	-280.39	36	2343.19	36	32.19	36
107	-121	-122	Min.	0.00	0.00	36	0.00	36	0.00	36	859.17	36	2036.92	36	32.19	36
107	-121	-122	Min.	79.79									2379.70	36		
107	-121	-122	Min.	105.83	0.00	36	0.00	36	0.00	36	-280.39	36	2343.19	36	32.19	36
107	-122	-123	Max	0.00	0.00	36	0.00	36	0.00	36	-280.39	36	2343.19	36	32.19	36
107	-122	-123	Max	105.83	0.00	36	0.00	36	0.00	36	-1419.95	36	1443.43	36	32.19	36
107	-122	-123	Min.	0.00	0.00	36	0.00	36	0.00	36	-280.39	36	2343.19	36	32.19	36
107	-122	-123	Min.	105.83	0.00	36	0.00	36	0.00	36	-1419.95	36	1443.43	36	32.19	36
107	-123	-124	Max	0.00	0.00	36	0.00	36	0.00	36	-1419.95	36	1443.44	36	32.19	36
107	-123	-124	Max	105.83	0.00	36	0.00	36	0.00	36	-2559.51	36	-662.36	36	32.19	36
107	-123	-124	Min.	0.00	0.00	36	0.00	36	0.00	36	-1419.95	36	1443.44	36	32.19	36
107	-123	-124	Min.	105.83	0.00	36	0.00	36	0.00	36	-2559.51	36	-662.36	36	32.19	36
107	-124	107	Max	0.00	0.00	36	0.00	36	0.00	36	-2559.51	36	-662.37	36	32.19	36
107	-124	107	Max	71.33	0.00	36	0.00	36	0.00	36	-3327.59	36	-2762.11	36	32.19	36
107	-124	107	Min.	0.00	0.00	36	0.00	36	0.00	36	-2559.51	36	-662.37	36	32.19	36
107	-124	107	Min.	71.33	0.00	36	0.00	36	0.00	36	-3327.59	36	-2762.11	36	32.19	36
110	302	-115	Max	17.50	0.00	36	0.00	36	0.00	36	5906.12	36	-4606.50	36	13.92	36
110	302	-115	Max	105.83	0.00	36	0.00	36	0.00	36	4336.65	36	-82.61	36	13.92	36
110	302	-115	Min.	17.50	0.00	36	0.00	36	0.00	36	5906.12	36	-4606.50	36	13.92	36
110	302	-115	Min.	105.83	0.00	36	0.00	36	0.00	36	4336.65	36	-82.61	36	13.92	36
110	-115	-116	Max	0.00	0.00	36	0.00	36	0.00	36	4336.65	36	-82.62	36	13.92	36
110	-115	-116	Max	122.83	0.00	36	0.00	36	0.00	36	2154.21	36	3903.86	36	13.92	36
110	-115	-116	Min.	0.00	0.00	36	0.00	36	0.00	36	4336.65	36	-82.62	36	13.92	36
110	-115	-116	Min.	122.83	0.00	36	0.00	36	0.00	36	2154.21	36	3903.86	36	13.92	36
110	-116	-117	Max	0.00	0.00	36	0.00	36	0.00	36	2154.20	36	3903.86	36	13.92	36
110	-116	-117	Max	105.83	0.00	36	0.00	36	0.00	36	273.81	36	5188.69	36	13.92	36
110	-116	-117	Min.	0.00	0.00	36	0.00	36	0.00	36	2154.20	36	3903.86	36	13.92	36
110	-116	-117	Min.	105.83	0.00	36	0.00	36	0.00	36	273.81	36	5188.69	36	13.92	36
110	-117	-118	Max	0.00	0.00	36	0.00	36	0.00	36	-426.18	36	5188.69	36	13.92	36
110	-117	-118	Max	105.83	0.00	36	0.00	36	0.00	36	-2306.58	36	3742.60	36	13.92	36
110	-117	-118	Min.	0.00	0.00	36	0.00	36	0.00	36	-426.18	36	5188.69	36	13.92	36
110	-117	-118	Min.	105.83	0.00	36	0.00	36	0.00	36	-2306.58	36	3742.60	36	13.92	36
110	-118	-119	Max	0.00	0.00	36	0.00	36	0.00	36	-3006.57	36	3742.61	36	13.92	36
110	-118	-119	Max	105.83	0.00	36	0.00	36	0.00	36	-4886.97	36	-434.39	36	13.92	36
110	-118	-119	Min.	0.00	0.00	36	0.00	36	0.00	36	-3006.57	36	3742.61	36	13.92	36
110	-118	-119	Min.	105.83	0.00	36	0.00	36	0.00	36	-4886.97	36	-434.39	36	13.92	36
110	-119	-155	Max	0.00	0.00	36	0.00	36	0.00	36	-5586.98	36	-434.42	36	13.92	36
110	-119	-155	Max	71.33	0.00	36	0.00	36	0.00	36	-6854.39	36	-4871.84	36	13.92	36
110	-119	-155	Min.	0.00	0.00	36	0.00	36	0.00	36	-5586.98	36	-434.42	36	13.92	36
110	-119	-155	Min.	71.33	0.00	36	0.00	36	0.00	36	-6854.39	36	-4871.84	36	13.92	36
112	403	-95	Max	17.50	0.00	36	0.00	36	0.00	36	5946.46	36	-4562.13	36	-8.36	36
112	403	-95	Max	105.83	0.00	36	0.00	36	0.00	36	4355.80	36	-11.97	36	-8.36	36
112	403	-95	Min.	17.50	0.00	36	0.00	36	0.00	36	5946.46	36	-4562.13	36	-8.36	36
112	403	-95	Min.	105.83	0.00	36	0.00	36	0.00	36	4355.80	36	-11.97	36	-8.36	36
112	-95	-96	Max	0.00	0.00	36	0.00	36	0.00	36	4355.80	36	-11.97	36	-8.36	36
112	-95	-96	Max	122.83	0.00	36	0.00	36	0.00	36	2143.88	36	3979.91	36	-8.36	36
112	-95	-96	Min.	0.00	0.00	36	0.00	36	0.00	36	4355.80	36	-11.97	36	-8.36	36
112	-95	-96	Min.	122.83	0.00	36	0.00	36	0.00	36	2143.88	36	3979.91	36	-8.36	36
112	-96	-97	Max	0.00	0.00	36	0.00	36	0.00	36	2143.87	36	3979.92	36	-8.36	36
112	-96	-97	Max	105.83	0.00	36	0.00	36	0.00	36	238.08	36	5240.37	36	-8.36	36
112	-96	-97	Min.	0.00	0.00	36	0.00	36	0.00	36	2143.87	36	3979.92	36	-8.36	36
112	-96	-97	Min.	105.83	0.00	36	0.00	36	0.00	36	238.08	36	5240.37	36	-8.36	36
112	-97	-98	Max	0.00	0.00	36	0.00	36	0.00	36	-461.92	36	5240.37	36	-8.36	36
112	-97	-98	Max	105.83	0.00	36	0.00	36	0.00	36	-2367.71	36	3743.02	36	-8.36	36
112	-97	-98	Min.	0.00	0.00	36	0.00	36	0.00	36	-461.92	36	5240.37	36	-8.36	36
112	-97	-98	Min.	105.83	0.00	36	0.00	36	0.00	36	-2367.71	36	3743.02	36	-8.36	36
112	-98	-99	Max	0.00	0.00	36	0.00	36	0.00	36	-3067.70	36	3743.03	36	-8.36	36
112	-98	-99	Max	105.83	0.00	36	0.00	36	0.00	36	-4973.50	36	-512.10	36	-8.36	36
112	-98	-99	Min.	0.00	0.00	36	0.00	36	0.00	36	-3067.70	36	3743.03	36	-8.36	36
112	-98	-99	Min.	105.83	0.00	36	0.00	36	0.00	36	-4973.50	36	-512.10	36	-8.36	36
112	-99	-15	Max	0.00	0.00	36	0.00	36	0.00	36	-5673.51	36	-512.14	36	-8.36	36
112	-99	-15	Max	71.33	0.00	36	0.00	36	0.00	36	-6958.05	36	-5017.40	36	-8.36	36
112	-99	-15	Min.	0.00	0.00	36	0.00	36	0.00	36	-5673.51	36	-512.14	36	-8.36	36
112	-99	-15	Min.	71.33	0.00	36	0.00	36	0.00	36	-6958.05	36	-5017.40	36	-8.36	36
114	404	-100	Max	17.50	0.00	36	0.00	36	0.00	36	5384.57	36	-3806.19	36	14.52	36
114	404	-100	Max	105.83	0.00	36	0.00	36	0.00	36	3793.91	36	247.64	36	14.52	36
114	404	-100	Min.	17.50	0.00	36	0.00	36	0.00	36	5384.57	36	-3806.19	36	14.52	36
114	404	-100	Min.	105.83	0.00	36	0.00	36	0.00	36	3793.91	36	247.64	36	14.52	36
114	-100	-101	Max	0.00	0.00	36	0.00	36	0.00	36	3793.91	36	247.64	36	14.52	36
114	-100	-101	Max	122.83	0.00	36	0.00	36	0.00	36	1581.99	36	3549.34	36	14.52	36
114	-100	-101	Min.	0.00	0.00	36	0.00	36	0.00	36	3793.91	36	247.64	36	14.52	36
114	-100	-101	Min.	122.83	0.00	36	0.00	36	0.00	36	1581.99	36	3549.34	36	14.52	36
114	-101	-102	Max	0.00	0.00	36	0.00	36	0.00	36	1581.98	36	3549.34	36	14.52	36
114	-101	-102	Max	87.85									4244.24	36		
114	-101	-102	Max	105.83	0.00	36	0.00	36	0.00	36	-323.81	36	4215.13	36	14.52	36
114	-101	-102														

114	-102	-103	Min.	0.00	0.00	36	0.00	36	0.00	36	-323.81	36	4215.13	36	14.52	36
114	-102	-103	Min.	105.83	0.00	36	0.00	36	0.00	36	-2229.60	36	2863.95	36	14.52	36
114	-103	-104	Max	0.00	0.00	36	0.00	36	0.00	36	-2229.59	36	2863.96	36	14.52	36
114	-103	-104	Max	105.83	0.00	36	0.00	36	0.00	36	-4135.39	36	-504.17	36	14.52	36
114	-103	-104	Min.	0.00	0.00	36	0.00	36	0.00	36	-2229.59	36	2863.96	36	14.52	36
114	-103	-104	Min.	105.83	0.00	36	0.00	36	0.00	36	-4135.39	36	-504.17	36	14.52	36
114	-104	-16	Max	0.00	0.00	36	0.00	36	0.00	36	-4135.40	36	-504.20	36	14.52	36
114	-104	-16	Max	71.33	0.00	36	0.00	36	0.00	36	-5419.93	36	-3912.27	36	14.52	36
114	-104	-16	Min.	0.00	0.00	36	0.00	36	0.00	36	-4135.40	36	-504.20	36	14.52	36
114	-104	-16	Min.	71.33	0.00	36	0.00	36	0.00	36	-5419.93	36	-3912.27	36	14.52	36
116	305	-105	Max	17.50	0.00	36	0.00	36	0.00	36	5901.73	36	-4613.23	36	-13.82	36
116	305	-105	Max	105.83	0.00	36	0.00	36	0.00	36	4332.27	36	-93.22	36	-13.82	36
116	305	-105	Min.	17.50	0.00	36	0.00	36	0.00	36	5901.73	36	-4613.23	36	-13.82	36
116	305	-105	Min.	105.83	0.00	36	0.00	36	0.00	36	4332.27	36	-93.22	36	-13.82	36
116	-105	-106	Max	0.00	0.00	36	0.00	36	0.00	36	4332.27	36	-93.22	36	-13.82	36
116	-105	-106	Max	122.83	0.00	36	0.00	36	0.00	36	2149.83	36	3887.87	36	-13.82	36
116	-105	-106	Min.	0.00	0.00	36	0.00	36	0.00	36	4332.27	36	-93.22	36	-13.82	36
116	-105	-106	Min.	122.83	0.00	36	0.00	36	0.00	36	2149.83	36	3887.87	36	-13.82	36
116	-106	-107	Max	0.00	0.00	36	0.00	36	0.00	36	2149.82	36	3887.88	36	-13.82	36
116	-106	-107	Max	105.83	0.00	36	0.00	36	0.00	36	269.43	36	5168.06	36	-13.82	36
116	-106	-107	Min.	0.00	0.00	36	0.00	36	0.00	36	2149.82	36	3887.88	36	-13.82	36
116	-106	-107	Min.	105.83	0.00	36	0.00	36	0.00	36	269.43	36	5168.06	36	-13.82	36
116	-107	-108	Max	0.00	0.00	36	0.00	36	0.00	36	-430.57	36	5168.06	36	-13.82	36
116	-107	-108	Max	105.83	0.00	36	0.00	36	0.00	36	-2310.96	36	3717.34	36	-13.82	36
116	-107	-108	Min.	0.00	0.00	36	0.00	36	0.00	36	-430.57	36	5168.06	36	-13.82	36
116	-107	-108	Min.	105.83	0.00	36	0.00	36	0.00	36	-2310.96	36	3717.34	36	-13.82	36
116	-108	-109	Max	0.00	0.00	36	0.00	36	0.00	36	-3010.96	36	3717.34	36	-13.82	36
116	-108	-109	Max	105.83	0.00	36	0.00	36	0.00	36	-4891.35	36	-464.29	36	-13.82	36
116	-108	-109	Min.	0.00	0.00	36	0.00	36	0.00	36	-3010.96	36	3717.34	36	-13.82	36
116	-108	-109	Min.	105.83	0.00	36	0.00	36	0.00	36	-4891.35	36	-464.29	36	-13.82	36
116	-109	-7	Max	0.00	0.00	36	0.00	36	0.00	36	-5591.36	36	-464.32	36	-13.82	36
116	-109	-7	Max	71.33	0.00	36	0.00	36	0.00	36	-6858.78	36	-4904.87	36	-13.82	36
116	-109	-7	Min.	0.00	0.00	36	0.00	36	0.00	36	-5591.36	36	-464.32	36	-13.82	36
116	-109	-7	Min.	71.33	0.00	36	0.00	36	0.00	36	-6858.78	36	-4904.87	36	-13.82	36
119	106	-110	Max	17.50	0.00	36	0.00	36	0.00	36	3132.31	36	-2177.01	36	-32.72	36
119	106	-110	Max	105.83	0.00	36	0.00	36	0.00	36	2181.18	36	169.78	36	-32.72	36
119	106	-110	Min.	17.50	0.00	36	0.00	36	0.00	36	3132.31	36	-2177.01	36	-32.72	36
119	106	-110	Min.	105.83	0.00	36	0.00	36	0.00	36	2181.18	36	169.78	36	-32.72	36
119	-110	-111	Max	0.00	0.00	36	0.00	36	0.00	36	2181.18	36	169.78	36	-32.72	36
119	-110	-111	Max	122.83	0.00	36	0.00	36	0.00	36	858.57	36	2036.69	36	-32.72	36
119	-110	-111	Min.	0.00	0.00	36	0.00	36	0.00	36	2181.18	36	169.78	36	-32.72	36
119	-110	-111	Min.	122.83	0.00	36	0.00	36	0.00	36	858.57	36	2036.69	36	-32.72	36
119	-111	-112	Max	0.00	0.00	36	0.00	36	0.00	36	858.57	36	2036.69	36	-32.72	36
119	-111	-112	Max	79.74									2378.99	36		
119	-111	-112	Max	105.83	0.00	36	0.00	36	0.00	36	-281.00	36	2342.32	36	-32.72	36
119	-111	-112	Min.	0.00	0.00	36	0.00	36	0.00	36	858.57	36	2036.69	36	-32.72	36
119	-111	-112	Min.	79.74									2378.99	36		
119	-111	-112	Min.	105.83	0.00	36	0.00	36	0.00	36	-281.00	36	2342.32	36	-32.72	36
119	-112	-113	Max	0.00	0.00	36	0.00	36	0.00	36	-280.99	36	2342.32	36	-32.72	36
119	-112	-113	Max	105.83	0.00	36	0.00	36	0.00	36	-1420.55	36	1441.92	36	-32.72	36
119	-112	-113	Min.	0.00	0.00	36	0.00	36	0.00	36	-280.99	36	2342.32	36	-32.72	36
119	-112	-113	Min.	105.83	0.00	36	0.00	36	0.00	36	-1420.55	36	1441.92	36	-32.72	36
119	-113	-114	Max	0.00	0.00	36	0.00	36	0.00	36	-1420.55	36	1441.93	36	-32.72	36
119	-113	-114	Max	105.83	0.00	36	0.00	36	0.00	36	-2560.11	36	-664.50	36	-32.72	36
119	-113	-114	Min.	0.00	0.00	36	0.00	36	0.00	36	-1420.55	36	1441.93	36	-32.72	36
119	-113	-114	Min.	105.83	0.00	36	0.00	36	0.00	36	-2560.11	36	-664.50	36	-32.72	36
119	-114	112	Max	0.00	0.00	36	0.00	36	0.00	36	-2560.12	36	-664.52	36	-32.72	36
119	-114	112	Max	71.33	0.00	36	0.00	36	0.00	36	-3328.20	36	-2764.69	36	-32.72	36
119	-114	112	Min.	0.00	0.00	36	0.00	36	0.00	36	-2560.12	36	-664.52	36	-32.72	36
119	-114	112	Min.	71.33	0.00	36	0.00	36	0.00	36	-3328.20	36	-2764.69	36	-32.72	36
207	107	113	Max	17.50	0.00	36	0.00	36	0.00	36	562.04	36	-774.25	36	14.23	36
207	107	113	Max	293.70									1.91	36		
207	107	113	Max	397.50	0.00	36	0.00	36	0.00	36	-211.23	36	-107.72	36	14.23	36
207	107	113	Min.	17.50	0.00	36	0.00	36	0.00	36	562.04	36	-774.25	36	14.23	36
207	107	113	Min.	293.70									1.91	36		
207	107	113	Min.	397.50	0.00	36	0.00	36	0.00	36	-211.23	36	-107.72	36	14.23	36
207	113	119	Max	12.50	0.00	36	0.00	36	0.00	36	324.12	36	-117.74	36	11.17	36
207	113	119	Max	171.78									140.39	36		
207	113	119	Max	397.50	0.00	36	0.00	36	0.00	36	-459.32	36	-378.00	36	11.17	36
207	113	119	Min.	12.50	0.00	36	0.00	36	0.00	36	324.12	36	-117.74	36	11.17	36
207	113	119	Min.	171.78									140.39	36		
207	113	119	Min.	397.50	0.00	36	0.00	36	0.00	36	-459.32	36	-378.00	36	11.17	36
207	119	125	Max	12.50	0.00	36	0.00	36	0.00	36	557.01	36	-476.85	36	4.17	36
207	119	125	Max	286.23									285.50	36		
207	119	125	Max	577.50	0.00	36	0.00	36	0.00	36	-592.71	36	-577.70	36	4.17	36
207	119	125	Min.	12.50	0.00	36	0.00	36	0.00	36	557.01	36	-476.85	36	4.17	36
207	119	125	Min.	286.23									285.50	36		
207	119	125	Min.	577.50	0.00	36	0.00	36	0.00	36	-592.71	36	-577.70	36	4.17	36
207	125	231	Max	12.50	0.00	36	0.00	36	0.00	36	611.32	36	-584.10	36	-20.53	36
207	125	231	Max	312.92									334.15	36		
207	125	231	Max	577.50	0.00	36	0.00	36	0.00	36	-538.40	36	-378.11	36	-20.53	36
207	125	231	Min.	12.50	0.00	36	0.00	36	0.00	36	611.32	36	-584.10	36	-20.53	36
207	125	231	Min.	312.92									334.15	36		
207	125	231	Min.	577.50	0.00	36	0.00	36	0.00	36	-538.40	36	-378.11	36	-20.53	36
219	112	118	Max	17.50	0.00	36	0.00	36	0.00	36	559.23	36	-771.05	36	-14.52	36
219	112	118	Max	293.64									1.09	36		
219	112	118	Max	397.50	-0.00	36	0.00	36	0.00	36	-210.32	36	-108.12	36	-14.52	36
219	112	118	Min.	17.50	0.00											

219	118	124	Max	12.50	0.00	36	0.00	36	0.00	36	321.92	36	-115.86	36	-11.29	36
219	118	124	Max	171.46									140.01	36		
219	118	124	Max	397.50	0.00	36	0.00	36	0.00	36	-457.76	36	-377.35	36	-11.29	36
219	118	124	Min.	12.50	0.00	36	0.00	36	0.00	36	321.92	36	-115.86	36	-11.29	36
219	118	124	Min.	171.46									140.01	36		
219	118	124	Min.	397.50	0.00	36	0.00	36	0.00	36	-457.76	36	-377.35	36	-11.29	36
219	124	130	Max	12.50	0.00	36	0.00	36	0.00	36	554.08	36	-473.86	36	-4.26	36
219	124	130	Max	286.10									284.12	36		
219	124	130	Max	577.50	0.00	36	0.00	36	0.00	36	-590.12	36	-575.69	36	-4.26	36
219	124	130	Min.	12.50	0.00	36	0.00	36	0.00	36	554.08	36	-473.86	36	-4.26	36
219	124	130	Min.	286.10									284.12	36		
219	124	130	Min.	577.50	0.00	36	0.00	36	0.00	36	-590.12	36	-575.69	36	-4.26	36
219	130	136	Max	12.50	0.00	36	0.00	36	0.00	36	608.03	36	-580.29	36	20.59	36
219	130	136	Max	312.74									332.48	36		
219	130	136	Max	577.50	0.00	36	0.00	36	0.00	36	-536.17	36	-377.30	36	20.59	36
219	130	136	Min.	12.50	0.00	36	0.00	36	0.00	36	608.03	36	-580.29	36	20.59	36
219	130	136	Min.	312.74									332.48	36		
219	130	136	Min.	577.50	0.00	36	0.00	36	0.00	36	-536.17	36	-377.30	36	20.59	36
302	107	-133	Max	12.47	-1925.83	36	0.21	36	-62.95	36	545.24	36	-378.83	36	195.04	36
302	107	-133	Max	145.35	-1911.32	36	0.21	36	-62.68	36	338.12	36	208.10	36	195.04	36
302	107	-133	Min.	12.47	-1925.83	36	0.21	36	-62.95	36	545.24	36	-378.83	36	195.04	36
302	107	-133	Min.	145.35	-1911.32	36	0.21	36	-62.68	36	338.12	36	208.10	36	195.04	36
302	-133	-134	Max	0.00	-1893.90	36	63.72	36	-66.92	36	124.50	36	207.96	36	194.74	36
302	-133	-134	Max	79.87					-16.02	36			257.68	36		
302	-133	-134	Max	142.35	-1878.36	36	63.72	36	23.79	36	-97.38	36	227.26	36	194.74	36
302	-133	-134	Min.	0.00	-1893.90	36	63.72	36	-66.92	36	124.50	36	207.96	36	194.74	36
302	-133	-134	Min.	79.87					-16.02	36			257.68	36		
302	-133	-134	Min.	142.35	-1878.36	36	63.72	36	23.79	36	-97.38	36	227.26	36	194.74	36
302	-134	308	Max	0.00	-1860.62	36	9.36	36	18.82	36	-308.97	36	226.82	36	194.39	36
302	-134	308	Max	129.88	-1846.44	36	9.36	36	30.98	36	-511.41	36	-305.93	36	194.39	36
302	-134	308	Min.	0.00	-1860.62	36	9.36	36	18.82	36	-308.97	36	226.82	36	194.39	36
302	-134	308	Min.	129.88	-1846.44	36	9.36	36	30.98	36	-511.41	36	-305.93	36	194.39	36
302	308	-148	Max	12.47	-1061.70	36	11.60	36	-11.55	36	368.03	36	-206.43	36	-8.69	36
302	308	-148	Max	175.93	-1043.86	36	11.60	36	7.41	36	113.25	36	186.92	36	-8.69	36
302	308	-148	Min.	12.47	-1061.70	36	11.60	36	-11.55	36	368.03	36	-206.43	36	-8.69	36
302	308	-148	Min.	175.93	-1043.86	36	11.60	36	7.41	36	113.25	36	186.92	36	-8.69	36
302	-148	409	Max	0.00	-1023.71	36	28.05	36	4.11	36	-142.36	36	186.92	36	-8.92	36
302	-148	409	Max	162.46	-1005.97	36	28.05	36	49.67	36	-395.58	36	-250.04	36	-8.92	36
302	-148	409	Min.	0.00	-1023.71	36	28.05	36	4.11	36	-142.36	36	186.92	36	-8.92	36
302	-148	409	Min.	162.46	-1005.97	36	28.05	36	49.67	36	-395.58	36	-250.04	36	-8.92	36
302	409	-9	Max	12.47	-1338.97	36	-194.10	36	207.31	36	488.45	36	-343.69	36	-53.41	36
302	409	-9	Max	221.04	-1316.20	36	-194.10	36	-197.52	36	163.36	36	336.05	36	-53.41	36
302	409	-9	Min.	12.47	-1338.97	36	-194.10	36	207.31	36	488.45	36	-343.69	36	-53.41	36
302	409	-9	Min.	221.04	-1316.20	36	-194.10	36	-197.52	36	163.36	36	336.05	36	-53.41	36
302	-9	410	Max	0.00	-1347.40	36	108.04	36	-149.83	36	-266.45	36	350.00	36	-29.08	36
302	-9	410	Max	208.57	-1370.17	36	108.04	36	75.52	36	-591.54	36	-544.76	36	-29.08	36
302	-9	410	Min.	0.00	-1347.40	36	108.04	36	-149.83	36	-266.45	36	350.00	36	-29.08	36
302	-9	410	Min.	208.57	-1370.17	36	108.04	36	75.52	36	-591.54	36	-544.76	36	-29.08	36
302	410	-150	Max	12.47	-743.66	36	4.45	36	-8.84	36	456.74	36	-346.72	36	57.01	36
302	410	-150	Max	174.93	-761.40	36	4.45	36	-1.61	36	203.51	36	189.59	36	57.01	36
302	410	-150	Min.	12.47	-743.66	36	4.45	36	-8.84	36	456.74	36	-346.72	36	57.01	36
302	410	-150	Min.	174.93	-761.40	36	4.45	36	-1.61	36	203.51	36	189.59	36	57.01	36
302	-150	311	Max	0.00	-780.26	36	38.66	36	-0.90	36	-52.18	36	189.47	36	56.96	36
302	-150	311	Max	163.46	-798.10	36	38.66	36	62.29	36	-306.97	36	-104.06	36	56.96	36
302	-150	311	Min.	0.00	-780.26	36	38.66	36	-0.90	36	-52.18	36	189.47	36	56.96	36
302	-150	311	Min.	163.46	-798.10	36	38.66	36	62.29	36	-306.97	36	-104.06	36	56.96	36
302	311	-153	Max	12.47	-1898.56	36	-6.25	36	29.71	36	506.85	36	-299.79	36	-190.09	36
302	311	-153	Max	145.35	-1913.06	36	-6.25	36	21.41	36	299.73	36	236.13	36	-190.09	36
302	311	-153	Min.	12.47	-1898.56	36	-6.25	36	29.71	36	506.85	36	-299.79	36	-190.09	36
302	311	-153	Min.	145.35	-1913.06	36	-6.25	36	21.41	36	299.73	36	236.13	36	-190.09	36
302	-153	-154	Max	0.00	-1930.89	36	-65.37	36	26.28	36	86.14	36	236.56	36	-190.43	36
302	-153	-154	Max	55.26					-9.85	36			260.36	36		
302	-153	-154	Max	142.35	-1946.43	36	-65.37	36	-66.78	36	-135.74	36	201.26	36	-190.43	36
302	-153	-154	Min.	0.00	-1930.89	36	-65.37	36	26.28	36	86.14	36	236.56	36	-190.43	36
302	-153	-154	Min.	55.26					-9.85	36			260.36	36		
302	-153	-154	Min.	142.35	-1946.43	36	-65.37	36	-66.78	36	-135.74	36	201.26	36	-190.43	36
302	-154	112	Max	0.00	-1963.70	36	-1.16	36	-62.56	36	-347.36	36	201.39	36	-190.73	36
302	-154	112	Max	129.88	-1977.88	36	-1.16	36	-64.07	36	-549.80	36	-381.21	36	-190.73	36
302	-154	112	Min.	0.00	-1963.70	36	-1.16	36	-62.56	36	-347.36	36	201.39	36	-190.73	36
302	-154	112	Min.	129.88	-1977.88	36	-1.16	36	-64.07	36	-549.80	36	-381.21	36	-190.73	36
303	113	-131	Max	12.47	-1162.19	36	100.72	36	-179.60	36	668.73	36	-316.05	36	4.51	36
303	113	-131	Max	145.35	-1147.68	36	100.72	36	-45.75	36	461.60	36	434.98	36	4.51	36
303	113	-131	Min.	12.47	-1162.19	36	100.72	36	-179.60	36	668.73	36	-316.05	36	4.51	36
303	113	-131	Min.	145.35	-1147.68	36	100.72	36	-45.75	36	461.60	36	434.98	36	4.51	36
303	-131	-132	Max	0.00	-1116.59	36	55.30	36	-58.94	36	34.10	36	435.21	36	3.58	36
303	-131	-132	Max	21.88					-46.84	36			438.94	36		
303	-131	-132	Max	142.35	-1101.05	36	55.30	36	19.78	36	-187.77	36	325.84	36	3.58	36
303	-131	-132	Min.	0.00	-1116.59	36	55.30	36	-58.94	36	34.10	36	435.21	36	3.58	36
303	-131	-132	Min.	21.88					-46.84	36			438.94	36		
303	-131	-132	Min.	142.35	-1101.05	36	55.30	36	19.78	36	-187.77	36	325.84	36	3.58	36
303	-132	314	Max	0.00	-1070.03	36	103.54	36	4.09	36	-611.26	36	326.23	36	2.48	36
303	-132	314	Max	129.88	-1055.85	36	103.54	36	138.57	36	-813.70	36	-599.12	36	2.48	36
303	-132	314	Min.	0.00	-1070.03	36	103.54	36	4.09	36	-611.26	36	326.23	36	2.48	36
303	-132	314	Min.	129.88	-1055.85	36	103.54	36	138.57	36	-813.70	36	-599.12	36	2.48	36
303	314	-147	Max	12.47	-1067.92	36	83.43	36	-113.52	36	505.48	36	-443.34	36	-0.33	36
303	314	-147	Max	175.93	-1050.08	36	83.43	36	22.86	36	250.69	36	174			

303	-147	415	Min.	0.00	-1012.64	36	73.27	36	9.07	36	-260.72	36	174.69	36	-1.29	36
303	-147	415	Min.	162.46	-994.90	36	73.27	36	128.10	36	-513.94	36	-454.57	36	-1.29	36
303	415	-10	Max	12.47	-1120.69	36	32.13	36	8.44	36	808.25	36	-628.34	36	-72.36	36
303	415	-10	Max	221.04	-1097.92	36	32.13	36	75.45	36	483.15	36	718.40	36	-72.36	36
303	415	-10	Min.	12.47	-1120.69	36	32.13	36	8.44	36	808.25	36	-628.34	36	-72.36	36
303	415	-10	Min.	221.04	-1097.92	36	32.13	36	75.45	36	483.15	36	718.40	36	-72.36	36
303	-10	416	Max	0.00	-1091.68	36	-126.18	36	156.76	36	-476.98	36	705.32	36	68.46	36
303	-10	416	Max	208.57	-1114.45	36	-126.18	36	-106.42	36	-802.08	36	-628.55	36	68.46	36
303	-10	416	Min.	0.00	-1091.68	36	-126.18	36	156.76	36	-476.98	36	705.32	36	68.46	36
303	-10	416	Min.	208.57	-1114.45	36	-126.18	36	-106.42	36	-802.08	36	-628.55	36	68.46	36
303	416	-149	Max	12.47	-991.35	36	-22.69	36	46.74	36	512.96	36	-452.16	36	3.55	36
303	416	-149	Max	174.93	-1009.08	36	-22.69	36	9.89	36	259.74	36	175.49	36	3.55	36
303	416	-149	Min.	12.47	-991.35	36	-22.69	36	46.74	36	512.96	36	-452.16	36	3.55	36
303	416	-149	Min.	174.93	-1009.08	36	-22.69	36	9.89	36	259.74	36	175.49	36	3.55	36
303	-149	317	Max	0.00	-1046.56	36	-47.47	36	18.37	36	-251.67	36	175.61	36	2.95	36
303	-149	317	Max	163.46	-1064.40	36	-47.47	36	-59.22	36	-506.46	36	-444.01	36	2.95	36
303	-149	317	Min.	0.00	-1046.56	36	-47.47	36	18.37	36	-251.67	36	175.61	36	2.95	36
303	-149	317	Min.	163.46	-1064.40	36	-47.47	36	-59.22	36	-506.46	36	-444.01	36	2.95	36
303	317	-151	Max	12.47	-1047.57	36	-109.17	36	151.04	36	807.57	36	-596.70	36	-2.00	36
303	317	-151	Max	145.35	-1062.08	36	-109.17	36	5.97	36	600.45	36	338.83	36	-2.00	36
303	317	-151	Min.	12.47	-1047.57	36	-109.17	36	151.04	36	807.57	36	-596.70	36	-2.00	36
303	317	-151	Min.	145.35	-1062.08	36	-109.17	36	5.97	36	600.45	36	338.83	36	-2.00	36
303	-151	-152	Max	0.00	-1093.37	36	-56.83	36	21.44	36	172.96	36	338.44	36	-3.08	36
303	-151	-152	Max	110.97					-41.62	36			434.40	36		
303	-151	-152	Max	142.35	-1108.91	36	-56.83	36	-59.46	36	-48.92	36	426.72	36	-3.08	36
303	-151	-152	Min.	0.00	-1093.37	36	-56.83	36	21.44	36	172.96	36	338.44	36	-3.08	36
303	-151	-152	Min.	110.97					-41.62	36			434.40	36		
303	-151	-152	Min.	142.35	-1108.91	36	-56.83	36	-59.46	36	-48.92	36	426.72	36	-3.08	36
303	-152	118	Max	0.00	-1139.71	36	-104.61	36	-46.36	36	-472.42	36	426.50	36	-4.00	36
303	-152	118	Max	129.88	-1153.89	36	-104.61	36	-182.22	36	-674.86	36	-318.53	36	-4.00	36
303	-152	118	Min.	0.00	-1139.71	36	-104.61	36	-46.36	36	-472.42	36	426.50	36	-4.00	36
303	-152	118	Min.	129.88	-1153.89	36	-104.61	36	-182.22	36	-674.86	36	-318.53	36	-4.00	36
304	119	-129	Max	12.47	-1614.72	36	88.66	36	-171.73	36	773.59	36	-385.78	36	0.76	36
304	119	-129	Max	145.35	-1600.21	36	88.66	36	-53.92	36	566.46	36	504.58	36	0.76	36
304	119	-129	Min.	12.47	-1614.72	36	88.66	36	-171.73	36	773.59	36	-385.78	36	0.76	36
304	119	-129	Min.	145.35	-1600.21	36	88.66	36	-53.92	36	566.46	36	504.58	36	0.76	36
304	-129	-130	Max	0.00	-1564.36	36	67.71	36	-67.99	36	35.18	36	504.56	36	-0.23	36
304	-129	-130	Max	22.57					-52.71	36			508.53	36		
304	-129	-130	Max	142.35	-1548.82	36	67.71	36	28.40	36	-186.70	36	396.71	36	-0.23	36
304	-129	-130	Min.	0.00	-1564.36	36	67.71	36	-67.99	36	35.18	36	504.56	36	-0.23	36
304	-129	-130	Min.	22.57					-52.71	36			508.53	36		
304	-129	-130	Min.	142.35	-1548.82	36	67.71	36	28.40	36	-186.70	36	396.71	36	-0.23	36
304	-130	320	Max	0.00	-1513.56	36	91.31	36	11.72	36	-713.12	36	396.70	36	-1.40	36
304	-130	320	Max	129.88	-1499.38	36	91.31	36	130.31	36	-915.56	36	-660.95	36	-1.40	36
304	-130	320	Min.	0.00	-1513.56	36	91.31	36	11.72	36	-713.12	36	396.70	36	-1.40	36
304	-130	320	Min.	129.88	-1499.38	36	91.31	36	130.31	36	-915.56	36	-660.95	36	-1.40	36
304	320	-137	Max	12.47	-1572.63	36	85.05	36	-112.94	36	551.51	36	-503.19	36	0.95	36
304	320	-137	Max	175.93	-1554.79	36	85.05	36	26.09	36	296.73	36	190.09	36	0.95	36
304	320	-137	Min.	12.47	-1572.63	36	85.05	36	-112.94	36	551.51	36	-503.19	36	0.95	36
304	320	-137	Min.	175.93	-1554.79	36	85.05	36	26.09	36	296.73	36	190.09	36	0.95	36
304	-137	421	Max	0.00	-1511.97	36	71.48	36	11.26	36	-336.94	36	190.09	36	-0.09	36
304	-137	421	Max	162.46	-1494.23	36	71.48	36	127.38	36	-590.16	36	-562.98	36	-0.09	36
304	-137	421	Min.	0.00	-1511.97	36	71.48	36	11.26	36	-336.94	36	190.09	36	-0.09	36
304	-137	421	Min.	162.46	-1494.23	36	71.48	36	127.38	36	-590.16	36	-562.98	36	-0.09	36
304	421	-11	Max	12.47	-1713.66	36	36.36	36	0.79	36	999.93	36	-791.00	36	-41.48	36
304	421	-11	Max	221.04	-1690.89	36	36.36	36	76.62	36	674.84	36	955.54	36	-41.48	36
304	421	-11	Min.	12.47	-1713.66	36	36.36	36	0.79	36	999.93	36	-791.00	36	-41.48	36
304	421	-11	Min.	221.04	-1690.89	36	36.36	36	76.62	36	674.84	36	955.54	36	-41.48	36
304	-11	422	Max	0.00	-1681.86	36	-116.44	36	141.27	36	-674.47	36	954.65	36	39.66	36
304	-11	422	Max	208.57	-1704.63	36	-116.44	36	-101.58	36	-999.56	36	-791.11	36	39.66	36
304	-11	422	Min.	0.00	-1681.86	36	-116.44	36	141.27	36	-674.47	36	954.65	36	39.66	36
304	-11	422	Min.	208.57	-1704.63	36	-116.44	36	-101.58	36	-999.56	36	-791.11	36	39.66	36
304	422	-140	Max	12.47	-1479.78	36	-30.82	36	56.71	36	589.82	36	-561.94	36	1.50	36
304	422	-140	Max	174.93	-1497.51	36	-30.82	36	6.65	36	336.60	36	190.58	36	1.50	36
304	422	-140	Min.	12.47	-1479.78	36	-30.82	36	56.71	36	589.82	36	-561.94	36	1.50	36
304	422	-140	Min.	174.93	-1497.51	36	-30.82	36	6.65	36	336.60	36	190.58	36	1.50	36
304	-140	323	Max	0.00	-1540.86	36	-47.44	36	16.73	36	-297.03	36	190.58	36	0.79	36
304	-140	323	Max	163.46	-1558.70	36	-47.44	36	-60.81	36	-551.82	36	-503.19	36	0.79	36
304	-140	323	Min.	0.00	-1540.86	36	-47.44	36	16.73	36	-297.03	36	190.58	36	0.79	36
304	-140	323	Min.	163.46	-1558.70	36	-47.44	36	-60.81	36	-551.82	36	-503.19	36	0.79	36
304	323	-145	Max	12.47	-1490.70	36	-94.45	36	141.20	36	908.37	36	-658.91	36	1.61	36
304	323	-145	Max	145.35	-1505.20	36	-94.45	36	15.68	36	701.24	36	410.57	36	1.61	36
304	323	-145	Min.	12.47	-1490.70	36	-94.45	36	141.20	36	908.37	36	-658.91	36	1.61	36
304	323	-145	Min.	145.35	-1505.20	36	-94.45	36	15.68	36	701.24	36	410.57	36	1.61	36
304	-145	-146	Max	0.00	-1540.81	36	-70.86	36	32.09	36	169.95	36	410.58	36	0.46	36
304	-145	-146	Max	109.03					-45.17	36			503.23	36		
304	-145	-146	Max	142.35	-1556.35	36	-70.86	36	-68.78	36	-51.93	36	494.58	36	0.46	36
304	-145	-146	Min.	0.00	-1540.81	36	-70.86	36	32.09	36	169.95	36	410.58	36	0.46	36
304	-145	-146	Min.	109.03					-45.17	36			503.23	36		
304	-145	-146	Min.	142.35	-1556.35	36	-70.86	36	-68.78	36	-51.93	36	494.58	36	0.46	36
304	-146	124	Max	0.00	-1591.87	36	-92.10	36	-54.80	36	-578.34	36	494.61	36	-0.52	36
304	-146	124	Max	129.88	-1606.05	36	-92.10	36	-174.42	36	-780.77	36	-387.99	36	-0.52	36
304	-146	124	Min.	0.00	-1591.87	36	-92.10	36	-54.80	36	-578.34	36	494.61	36	-0.52	36
304	-146	124	Min.	129.88	-1606.05	36	-92.10	36	-174.42	36</						

305	-127	-128	Max	142.35	-1868.55	36	65.24	36	26.73	36	-190.59	36	452.93	36	5.28	36
305	-127	-128	Min.	0.00	-1884.09	36	65.24	36	-66.14	36	31.29	36	566.31	36	5.28	36
305	-127	-128	Min.	20.07					-53.05	36			569.45	36		
305	-127	-128	Min.	142.35	-1868.55	36	65.24	36	26.73	36	-190.59	36	452.93	36	5.28	36
305	-128	326	Max	0.00	-1824.81	36	74.86	36	11.71	36	-819.65	36	453.20	36	4.23	36
305	-128	326	Max	129.88	-1810.63	36	74.86	36	108.95	36	-1022.09	36	-742.81	36	4.23	36
305	-128	326	Min.	0.00	-1824.81	36	74.86	36	11.71	36	-819.65	36	453.20	36	4.23	36
305	-128	326	Min.	129.88	-1810.63	36	74.86	36	108.95	36	-1022.09	36	-742.81	36	4.23	36
305	326	-136	Max	12.47	-1855.01	36	72.15	36	-89.80	36	605.49	36	-562.12	36	2.34	36
305	326	-136	Max	175.93	-1837.17	36	72.15	36	28.13	36	350.70	36	219.38	36	2.34	36
305	326	-136	Min.	12.47	-1855.01	36	72.15	36	-89.80	36	605.49	36	-562.12	36	2.34	36
305	326	-136	Min.	175.93	-1837.17	36	72.15	36	28.13	36	350.70	36	219.38	36	2.34	36
305	-136	427	Max	0.00	-1784.85	36	52.20	36	16.00	36	-404.93	36	219.30	36	1.49	36
305	-136	427	Max	162.46	-1767.12	36	52.20	36	100.80	36	-658.15	36	-644.23	36	1.49	36
305	-136	427	Min.	0.00	-1784.85	36	52.20	36	16.00	36	-404.93	36	219.30	36	1.49	36
305	-136	427	Min.	162.46	-1767.12	36	52.20	36	100.80	36	-658.15	36	-644.23	36	1.49	36
305	427	-12	Max	12.47	-2008.03	36	17.22	36	21.02	36	1155.38	36	-928.65	36	-32.54	36
305	427	-12	Max	221.04	-1985.26	36	17.22	36	56.93	36	830.28	36	1142.10	36	-32.54	36
305	427	-12	Min.	12.47	-2008.03	36	17.22	36	21.02	36	1155.38	36	-928.65	36	-32.54	36
305	427	-12	Min.	221.04	-1985.26	36	17.22	36	56.93	36	830.28	36	1142.10	36	-32.54	36
305	-12	428	Max	0.00	-1986.21	36	-88.08	36	112.56	36	-830.66	36	1142.15	36	30.62	36
305	-12	428	Max	208.57	-2008.98	36	-88.08	36	-71.16	36	-1155.76	36	-929.39	36	30.62	36
305	-12	428	Min.	0.00	-1986.21	36	-88.08	36	112.56	36	-830.66	36	1142.15	36	30.62	36
305	-12	428	Min.	208.57	-2008.98	36	-88.08	36	-71.16	36	-1155.76	36	-929.39	36	30.62	36
305	428	-139	Max	12.47	-1768.12	36	-17.19	36	36.33	36	658.43	36	-644.28	36	-0.07	36
305	428	-139	Max	174.93	-1785.86	36	-17.19	36	8.41	36	405.21	36	219.71	36	-0.07	36
305	428	-139	Min.	12.47	-1768.12	36	-17.19	36	36.33	36	658.43	36	-644.28	36	-0.07	36
305	428	-139	Min.	174.93	-1785.86	36	-17.19	36	8.41	36	405.21	36	219.71	36	-0.07	36
305	-139	329	Max	0.00	-1838.22	36	-35.63	36	16.36	36	-350.42	36	219.78	36	-0.63	36
305	-139	329	Max	163.46	-1856.07	36	-35.63	36	-41.88	36	-605.21	36	-561.26	36	-0.63	36
305	-139	329	Min.	0.00	-1838.22	36	-35.63	36	16.36	36	-350.42	36	219.78	36	-0.63	36
305	-139	329	Min.	163.46	-1856.07	36	-35.63	36	-41.88	36	-605.21	36	-561.26	36	-0.63	36
305	329	-143	Max	12.47	-1810.49	36	-76.63	36	119.35	36	1013.72	36	-740.72	36	-4.03	36
305	329	-143	Max	145.35	-1824.99	36	-76.63	36	17.52	36	806.59	36	468.75	36	-4.03	36
305	329	-143	Min.	12.47	-1810.49	36	-76.63	36	119.35	36	1013.72	36	-740.72	36	-4.03	36
305	329	-143	Min.	145.35	-1824.99	36	-76.63	36	17.52	36	806.59	36	468.75	36	-4.03	36
305	-143	-144	Max	0.00	-1869.13	36	-69.55	36	32.20	36	171.78	36	468.48	36	-5.06	36
305	-143	-144	Max	110.21					-44.45	36			563.14	36		
305	-143	-144	Max	142.35	-1884.67	36	-69.55	36	-66.80	36	-50.10	36	555.09	36	-5.06	36
305	-143	-144	Min.	0.00	-1869.13	36	-69.55	36	32.20	36	171.78	36	468.48	36	-5.06	36
305	-143	-144	Min.	110.21					-44.45	36			563.14	36		
305	-143	-144	Min.	142.35	-1884.67	36	-69.55	36	-66.80	36	-50.10	36	555.09	36	-5.06	36
305	-144	130	Max	0.00	-1928.47	36	-87.22	36	-54.16	36	-679.15	36	555.31	36	-5.95	36
305	-144	130	Max	129.88	-1942.64	36	-87.22	36	-167.44	36	-881.59	36	-458.22	36	-5.95	36
305	-144	130	Min.	0.00	-1928.47	36	-87.22	36	-54.16	36	-679.15	36	555.31	36	-5.95	36
305	-144	130	Min.	129.88	-1942.64	36	-87.22	36	-167.44	36	-881.59	36	-458.22	36	-5.95	36
306	231	-125	Max	12.47	-818.48	36	41.63	36	-116.01	36	594.62	36	-314.12	36	42.47	36
306	231	-125	Max	145.35	-803.97	36	41.63	36	-60.68	36	387.49	36	338.42	36	42.47	36
306	231	-125	Min.	12.47	-818.48	36	41.63	36	-116.01	36	594.62	36	-314.12	36	42.47	36
306	231	-125	Min.	145.35	-803.97	36	41.63	36	-60.68	36	387.49	36	338.42	36	42.47	36
306	-125	-126	Max	0.00	-783.73	36	62.64	36	-66.30	36	69.96	36	338.58	36	42.07	36
306	-125	-126	Max	44.88					-38.18	36			354.28	36		
306	-125	-126	Max	142.35	-768.19	36	62.64	36	22.87	36	-151.92	36	280.25	36	42.07	36
306	-125	-126	Min.	0.00	-783.73	36	62.64	36	-66.30	36	69.96	36	338.58	36	42.07	36
306	-125	-126	Min.	44.88					-38.18	36			354.28	36		
306	-125	-126	Min.	142.35	-768.19	36	62.64	36	22.87	36	-151.92	36	280.25	36	42.07	36
306	-126	332	Max	0.00	-748.51	36	35.54	36	16.21	36	-466.60	36	280.03	36	41.61	36
306	-126	332	Max	129.88	-734.33	36	35.54	36	62.37	36	-669.04	36	-457.45	36	41.61	36
306	-126	332	Min.	0.00	-748.51	36	35.54	36	16.21	36	-466.60	36	280.03	36	41.61	36
306	-126	332	Min.	129.88	-734.33	36	35.54	36	62.37	36	-669.04	36	-457.45	36	41.61	36
306	332	-135	Max	12.47	-769.12	36	30.35	36	-36.86	36	414.57	36	-326.11	36	43.87	36
306	332	-135	Max	175.93	-751.28	36	30.35	36	12.75	36	159.78	36	143.31	36	43.87	36
306	332	-135	Min.	12.47	-769.12	36	30.35	36	-36.86	36	414.57	36	-326.11	36	43.87	36
306	332	-135	Min.	175.93	-751.28	36	30.35	36	12.75	36	159.78	36	143.31	36	43.87	36
306	-135	433	Max	0.00	-726.53	36	57.59	36	8.09	36	-218.13	36	143.38	36	43.55	36
306	-135	433	Max	162.46	-708.80	36	57.59	36	101.64	36	-471.36	36	-416.69	36	43.55	36
306	-135	433	Min.	0.00	-726.53	36	57.59	36	8.09	36	-218.13	36	143.38	36	43.55	36
306	-135	433	Min.	162.46	-708.80	36	57.59	36	101.64	36	-471.36	36	-416.69	36	43.55	36
306	433	-13	Max	12.47	-823.37	36	-83.05	36	84.57	36	648.82	36	-492.72	36	131.77	36
306	433	-13	Max	221.04	-800.60	36	-83.05	36	-88.64	36	323.73	36	521.51	36	131.77	36
306	433	-13	Min.	12.47	-823.37	36	-83.05	36	84.57	36	648.82	36	-492.72	36	131.77	36
306	433	-13	Min.	221.04	-800.60	36	-83.05	36	-88.64	36	323.73	36	521.51	36	131.77	36
306	-13	434	Max	0.00	-790.51	36	31.21	36	-58.32	36	-323.60	36	521.47	36	-137.32	36
306	-13	434	Max	208.57	-813.28	36	31.21	36	6.78	36	-648.70	36	-492.50	36	-137.32	36
306	-13	434	Min.	0.00	-790.51	36	31.21	36	-58.32	36	-323.60	36	521.47	36	-137.32	36
306	-13	434	Min.	208.57	-813.28	36	31.21	36	6.78	36	-648.70	36	-492.50	36	-137.32	36
306	434	-138	Max	12.47	-693.53	36	-25.18	36	40.41	36	471.34	36	-416.46	36	-39.72	36
306	434	-138	Max	174.93	-711.26	36	-25.18	36	-0.49	36	218.12	36	143.58	36	-39.72	36
306	434	-138	Min.	12.47	-693.53	36	-25.18	36	40.41	36	471.34	36	-416.46	36	-39.72	36
306	434	-138	Min.	174.93	-711.26	36	-25.18	36	-0.49	36	218.12	36	143.58	36	-39.72	36
306	-138	335	Max	0.00	-736.70	36	0.46	36	2.17	36	-159.75	36	143.51	36	-39.91	36
306	-138	335	Max	163.46	-754.54	36	0.46	36	2.91	36	-414.53	36	-325.86	36	-39.91	36
306	-138	335	Min.	0.00	-736.70	36	0.46	36	2.17	36	-159.75	36	143.51	36	-39.91	36
306	-138	335	Min.	163.46	-754.54	36	0.46									

306	-141	-142	Max	142.35	-776.49	36	-66.94	36	-66.84	36	-81.62	36	331.38	36	-41.98	36
306	-141	-142	Min.	0.00	-760.95	36	-66.94	36	28.44	36	140.25	36	289.65	36	-41.98	36
306	-141	-142	Min.	89.98					-31.79	36			352.75	36		
306	-141	-142	Min.	142.35	-776.49	36	-66.94	36	-66.84	36	-81.62	36	331.38	36	-41.98	36
306	-142	136	Max	0.00	-796.54	36	-44.46	36	-61.24	36	-396.28	36	331.22	36	-42.38	36
306	-142	136	Max	129.88	-810.72	36	-44.46	36	-118.99	36	-598.72	36	-314.93	36	-42.38	36
306	-142	136	Min.	0.00	-796.54	36	-44.46	36	-61.24	36	-396.28	36	331.22	36	-42.38	36
306	-142	136	Min.	129.88	-810.72	36	-44.46	36	-118.99	36	-598.72	36	-314.93	36	-42.38	36
308	-133	-131	Max	0.00	63.51	36	-2.46	36	4.25	36	214.31	36	0.00	36	-0.14	36
308	-133	-131	Max	205.00					-0.79	36			219.67	36		
308	-133	-131	Max	410.00	63.51	36	-2.46	36	-5.83	36	-214.31	36	0.00	36	-0.14	36
308	-133	-131	Min.	0.00	63.51	36	-2.46	36	4.25	36	214.31	36	0.00	36	-0.14	36
308	-133	-131	Min.	205.00					-0.79	36			219.67	36		
308	-133	-131	Min.	410.00	63.51	36	-2.46	36	-5.83	36	-214.31	36	0.00	36	-0.14	36
308	-131	-129	Max	0.00	18.09	36	-3.61	36	7.40	36	214.31	36	0.00	36	0.09	36
308	-131	-129	Max	205.00					-0.00	36			219.67	36		
308	-131	-129	Max	410.00	18.09	36	-3.61	36	-7.40	36	-214.31	36	0.00	36	0.09	36
308	-131	-129	Min.	0.00	18.09	36	-3.61	36	7.40	36	214.31	36	0.00	36	0.09	36
308	-131	-129	Min.	205.00					-0.00	36			219.67	36		
308	-131	-129	Min.	410.00	18.09	36	-3.61	36	-7.40	36	-214.31	36	0.00	36	0.09	36
308	-129	-127	Max	0.00	-2.85	36	-2.25	36	6.69	36	318.17	36	0.00	36	0.06	36
308	-129	-127	Max	295.00					0.05	36			469.31	36		
308	-129	-127	Max	590.00	-2.85	36	-2.25	36	-6.60	36	-318.17	36	0.00	36	0.06	36
308	-129	-127	Min.	0.00	-2.85	36	-2.25	36	6.69	36	318.17	36	0.00	36	0.06	36
308	-129	-127	Min.	295.00					0.05	36			469.31	36		
308	-129	-127	Min.	590.00	-2.85	36	-2.25	36	-6.60	36	-318.17	36	0.00	36	0.06	36
308	-127	-125	Max	0.00	-21.01	36	-1.99	36	6.13	36	318.17	36	0.00	36	-0.16	36
308	-127	-125	Max	295.00					0.25	36			469.31	36		
308	-127	-125	Max	590.00	-21.01	36	-1.99	36	-5.63	36	-318.17	36	0.00	36	-0.16	36
308	-127	-125	Min.	0.00	-21.01	36	-1.99	36	6.13	36	318.17	36	0.00	36	-0.16	36
308	-127	-125	Min.	295.00					0.25	36			469.31	36		
308	-127	-125	Min.	590.00	-21.01	36	-1.99	36	-5.63	36	-318.17	36	0.00	36	-0.16	36
309	-134	-132	Max	0.00	-54.36	36	-2.91	36	4.97	36	212.31	36	0.00	36	-0.44	36
309	-134	-132	Max	205.00					-1.00	36			217.62	36		
309	-134	-132	Max	410.00	-54.36	36	-2.91	36	-6.97	36	-212.31	36	0.00	36	-0.44	36
309	-134	-132	Min.	0.00	-54.36	36	-2.91	36	4.97	36	212.31	36	0.00	36	-0.44	36
309	-134	-132	Min.	205.00					-1.00	36			217.62	36		
309	-134	-132	Min.	410.00	-54.36	36	-2.91	36	-6.97	36	-212.31	36	0.00	36	-0.44	36
309	-132	-130	Max	0.00	-6.13	36	-4.28	36	8.75	36	212.31	36	0.00	36	-0.04	36
309	-132	-130	Max	205.00					-0.01	36			217.62	36		
309	-132	-130	Max	410.00	-6.13	36	-4.28	36	-8.78	36	-212.31	36	0.00	36	-0.04	36
309	-132	-130	Min.	0.00	-6.13	36	-4.28	36	8.75	36	212.31	36	0.00	36	-0.04	36
309	-132	-130	Min.	205.00					-0.01	36			217.62	36		
309	-132	-130	Min.	410.00	-6.13	36	-4.28	36	-8.78	36	-212.31	36	0.00	36	-0.04	36
309	-130	-128	Max	0.00	17.48	36	-2.67	36	7.94	36	315.29	36	0.00	36	-0.05	36
309	-130	-128	Max	295.00					0.05	36			465.05	36		
309	-130	-128	Max	590.00	17.48	36	-2.67	36	-7.84	36	-315.29	36	0.00	36	-0.05	36
309	-130	-128	Min.	0.00	17.48	36	-2.67	36	7.94	36	315.29	36	0.00	36	-0.05	36
309	-130	-128	Min.	295.00					0.05	36			465.05	36		
309	-130	-128	Min.	590.00	17.48	36	-2.67	36	-7.84	36	-315.29	36	0.00	36	-0.05	36
309	-128	-126	Max	0.00	27.10	36	-2.35	36	7.21	36	315.29	36	0.00	36	0.22	36
309	-128	-126	Max	295.00					0.27	36			465.05	36		
309	-128	-126	Max	590.00	27.10	36	-2.35	36	-6.67	36	-315.29	36	0.00	36	0.22	36
309	-128	-126	Min.	0.00	27.10	36	-2.35	36	7.21	36	315.29	36	0.00	36	0.22	36
309	-128	-126	Min.	295.00					0.27	36			465.05	36		
309	-128	-126	Min.	590.00	27.10	36	-2.35	36	-6.67	36	-315.29	36	0.00	36	0.22	36
310	308	314	Max	17.50	141.26	36	-44.96	36	63.11	36	493.41	36	0.00	36	-37.36	36
310	308	314	Max	207.50					-22.31	36			468.74	36		
310	308	314	Max	397.50	141.26	36	-44.96	36	-107.73	36	-493.41	36	0.00	36	-37.36	36
310	308	314	Min.	17.50	141.26	36	-44.96	36	63.11	36	493.41	36	0.00	36	-37.36	36
310	308	314	Min.	207.50					-22.31	36			468.74	36		
310	308	314	Min.	397.50	141.26	36	-44.96	36	-107.73	36	-493.41	36	0.00	36	-37.36	36
310	314	320	Max	12.50	34.56	36	-71.10	36	136.21	36	459.74	36	-245.00	36	-6.42	36
310	314	320	Max	189.53					10.34	36			161.95	36		
310	314	320	Max	397.50	34.56	36	-71.10	36	-137.52	36	-540.07	36	-399.62	36	-6.42	36
310	314	320	Min.	12.50	34.56	36	-71.10	36	136.21	36	459.74	36	-245.00	36	-6.42	36
310	314	320	Min.	189.53					10.34	36			161.95	36		
310	314	320	Min.	397.50	34.56	36	-71.10	36	-137.52	36	-540.07	36	-399.62	36	-6.42	36
310	320	326	Max	12.50	-65.82	36	-34.63	36	96.71	36	724.74	36	-644.35	36	-2.67	36
310	320	326	Max	291.58					0.05	36			366.94	36		
310	320	326	Max	577.50	-65.82	36	-34.63	36	-98.97	36	-742.51	36	-694.57	36	-2.67	36
310	320	326	Min.	12.50	-65.82	36	-34.63	36	96.71	36	724.74	36	-644.35	36	-2.67	36
310	320	326	Min.	291.58					0.05	36			366.94	36		
310	320	326	Min.	577.50	-65.82	36	-34.63	36	-98.97	36	-742.51	36	-694.57	36	-2.67	36
310	326	332	Max	12.50	-133.37	36	-31.49	36	91.19	36	827.87	36	-856.20	36	9.96	36
310	326	332	Max	331.29					-9.18	36			463.38	36		
310	326	332	Max	577.50	-133.37	36	-31.49	36	-86.70	36	-639.38	36	-323.72	36	9.96	36
310	326	332	Min.	12.50	-133.37	36	-31.49	36	91.19	36	827.87	36	-856.20	36	9.96	36
310	326	332	Min.	331.29					-9.18	36			463.38	36		
310	326	332	Min.	577.50	-133.37	36	-31.49	36	-86.70	36	-639.38	36	-323.72	36	9.96	36
311	-148	-147	Max	0.00	16.45	36	-2.24	36	3.31	36	256.39	36	0.00	36	-0.00	36
311	-148	-147	Max	205.00					-1.29	36			262.80	36		
311	-148	-147	Max	410.00	16.45	36	-2.24	36	-5.89	36	-256.39	36	0.00	36	-0.00	36
311	-148	-147	Min.	0.00	16.45	36	-2.24	36	3.31	36	256.39	36	0.00	36	-0.00	36
311	-148	-147	Min.	205.00					-1.29	36			262.80	36		
311	-148	-147	Min.	410.00	16.45	36	-2.24	36	-5.89	36	-256.39	36	0.00	36	-0.00	36
311	-147	-137	Max	0.00	6.29	36	-3.87	36	7.94	36	256.39	36	0.00	36	0.00	36
311	-147	-137	Max	205.00					0.01	36			262.80	36		
311	-147	-137	Max	410.00	6.29	36	-3.87	36	-7.92	36	-256.39	36	0.00	36	0.00	36
311	-147	-137	Min.	0.00	6.29	36	-3.87	36	7.94	36	256.39	36	0.00	36	0.00	36

311	-147	-137	Min.	205.00					0.01	36			262.80	36		
311	-147	-137	Min.	410.00	6.29	36	-3.87	36	-7.92	36	-256.39	36	0.00	36	0.00	36
311	-137	-136	Max	0.00	-7.29	36	-2.32	36	6.94	36	378.72	36	0.00	36	0.00	36
311	-137	-136	Max	295.00					0.11	36			558.62	36		
311	-137	-136	Max	590.00	-7.29	36	-2.32	36	-6.72	36	-378.72	36	0.00	36	0.00	36
311	-137	-136	Min.	0.00	-7.29	36	-2.32	36	6.94	36	378.72	36	0.00	36	0.00	36
311	-137	-136	Min.	295.00					0.11	36			558.62	36		
311	-137	-136	Min.	590.00	-7.29	36	-2.32	36	-6.72	36	-378.72	36	0.00	36	0.00	36
311	-136	-135	Max	0.00	-27.24	36	-1.72	36	5.45	36	378.72	36	0.00	36	-0.07	36
311	-136	-135	Max	295.00					0.39	36			558.62	36		
311	-136	-135	Max	590.00	-27.24	36	-1.72	36	-4.67	36	-378.72	36	0.00	36	-0.07	36
311	-136	-135	Min.	0.00	-27.24	36	-1.72	36	5.45	36	378.72	36	0.00	36	-0.07	36
311	-136	-135	Min.	295.00					0.39	36			558.62	36		
311	-136	-135	Min.	590.00	-27.24	36	-1.72	36	-4.67	36	-378.72	36	0.00	36	-0.07	36
312	409	415	Max	17.50	485.28	36	-11.86	36	0.02	36	541.38	36	0.00	36	31.83	36
312	409	415	Max	207.50					-22.53	36			514.32	36		
312	409	415	Max	397.50	485.28	36	-11.86	36	-45.07	36	-541.38	36	0.00	36	31.83	36
312	409	415	Min.	17.50	485.28	36	-11.86	36	0.02	36	541.38	36	0.00	36	31.83	36
312	409	415	Min.	207.50					-22.53	36			514.32	36		
312	409	415	Min.	397.50	485.28	36	-11.86	36	-45.07	36	-541.38	36	0.00	36	31.83	36
312	415	421	Max	12.50	319.16	36	-39.89	36	77.34	36	510.96	36	-279.33	36	13.61	36
312	415	421	Max	191.82					5.82	36			178.80	36		
312	415	421	Max	397.50	319.16	36	-39.89	36	-76.23	36	-586.06	36	-423.89	36	13.61	36
312	415	421	Min.	12.50	319.16	36	-39.89	36	77.34	36	510.96	36	-279.33	36	13.61	36
312	415	421	Min.	191.82					5.82	36			178.80	36		
312	415	421	Min.	397.50	319.16	36	-39.89	36	-76.23	36	-586.06	36	-423.89	36	13.61	36
312	421	427	Max	12.50	154.84	36	-18.23	36	50.94	36	798.59	36	-716.82	36	5.60	36
312	421	427	Max	292.77					-0.15	36			402.29	36		
312	421	427	Max	577.50	154.84	36	-18.23	36	-52.06	36	-811.31	36	-752.75	36	5.60	36
312	421	427	Min.	12.50	154.84	36	-18.23	36	50.94	36	798.59	36	-716.82	36	5.60	36
312	421	427	Min.	292.77					-0.15	36			402.29	36		
312	421	427	Min.	577.50	154.84	36	-18.23	36	-52.06	36	-811.31	36	-752.75	36	5.60	36
312	427	433	Max	12.50	19.31	36	-6.15	36	26.75	36	928.68	36	-970.39	36	-21.38	36
312	427	433	Max	338.42					6.70	36			542.98	36		
312	427	433	Max	577.50	19.31	36	-6.15	36	-8.00	36	-681.23	36	-271.36	36	-21.38	36
312	427	433	Min.	12.50	19.31	36	-6.15	36	26.75	36	928.68	36	-970.39	36	-21.38	36
312	427	433	Min.	338.42					6.70	36			542.98	36		
312	427	433	Min.	577.50	19.31	36	-6.15	36	-8.00	36	-681.23	36	-271.36	36	-21.38	36
313	-9	-10	Max	0.00	302.14	36	23.92	36	-53.34	36	614.85	36	0.00	36	13.96	36
313	-9	-10	Max	205.00					-4.31	36			630.22	36		
313	-9	-10	Max	410.00	302.14	36	23.92	36	44.72	36	-614.85	36	0.00	36	13.96	36
313	-9	-10	Min.	0.00	302.14	36	23.92	36	-53.34	36	614.85	36	0.00	36	13.96	36
313	-9	-10	Min.	205.00					-4.31	36			630.22	36		
313	-9	-10	Min.	410.00	302.14	36	23.92	36	44.72	36	-614.85	36	0.00	36	13.96	36
313	-10	-11	Max	0.00	143.83	36	18.12	36	-36.66	36	495.92	36	-156.70	36	0.88	36
313	-10	-11	Max	165.35					-6.70	36			253.29	36		
313	-10	-11	Max	410.00	143.83	36	18.12	36	37.64	36	-733.78	36	-644.32	36	0.88	36
313	-10	-11	Min.	0.00	143.83	36	18.12	36	-36.66	36	495.92	36	-156.70	36	0.88	36
313	-10	-11	Min.	165.35					-6.70	36			253.29	36		
313	-10	-11	Min.	410.00	143.83	36	18.12	36	37.64	36	-733.78	36	-644.32	36	0.88	36
313	-11	-41	Max	0.00	-8.96	36	9.14	36	-26.98	36	847.87	36	-740.49	36	-0.01	36
313	-11	-41	Max	176.67	-8.96	36	9.14	36	-10.84	36	318.00	36	289.36	36	-0.01	36
313	-11	-41	Min.	0.00	-8.96	36	9.14	36	-26.98	36	847.87	36	-740.49	36	-0.01	36
313	-11	-41	Min.	176.67	-8.96	36	9.14	36	-10.84	36	318.00	36	289.36	36	-0.01	36
313	-41	-42	Max	0.00	-8.96	36	9.14	36	-10.84	36	317.99	36	289.37	36	-0.01	36
313	-41	-42	Max	106.02					-1.15	36			457.94	36		
313	-41	-42	Max	191.67	-8.96	36	9.14	36	6.67	36	-256.87	36	347.94	36	-0.01	36
313	-41	-42	Min.	0.00	-8.96	36	9.14	36	-10.84	36	317.99	36	289.37	36	-0.01	36
313	-41	-42	Min.	106.02					-1.15	36			457.94	36		
313	-41	-42	Min.	191.67	-8.96	36	9.14	36	6.67	36	-256.87	36	347.94	36	-0.01	36
313	-42	-12	Max	0.00	-8.96	36	9.14	36	6.67	36	-256.85	36	347.96	36	-0.01	36
313	-42	-12	Max	221.67	-8.96	36	9.14	36	26.93	36	-921.69	36	-958.26	36	-0.01	36
313	-42	-12	Min.	0.00	-8.96	36	9.14	36	6.67	36	-256.85	36	347.96	36	-0.01	36
313	-42	-12	Min.	221.67	-8.96	36	9.14	36	26.93	36	-921.69	36	-958.26	36	-0.01	36
313	-12	-43	Max	0.00	-114.26	36	10.06	36	-28.70	36	1012.65	36	-1033.14	36	0.04	36
313	-12	-43	Max	161.67	-114.26	36	10.06	36	-12.44	36	527.77	36	212.04	36	0.04	36
313	-12	-43	Min.	0.00	-114.26	36	10.06	36	-28.70	36	1012.65	36	-1033.14	36	0.04	36
313	-12	-43	Min.	161.67	-114.26	36	10.06	36	-12.44	36	527.77	36	212.04	36	0.04	36
313	-43	-44	Max	0.00	-114.26	36	10.06	36	-12.44	36	527.76	36	212.06	36	0.04	36
313	-43	-44	Max	175.97					5.26	36			676.40	36		
313	-43	-44	Max	191.67	-114.26	36	10.06	36	6.83	36	-47.09	36	672.70	36	0.04	36
313	-43	-44	Min.	0.00	-114.26	36	10.06	36	-12.44	36	527.76	36	212.06	36	0.04	36
313	-43	-44	Min.	175.97					5.26	36			676.40	36		
313	-43	-44	Min.	191.67	-114.26	36	10.06	36	6.83	36	-47.09	36	672.70	36	0.04	36
313	-44	-13	Max	0.00	-114.26	36	10.06	36	6.83	36	-47.07	36	672.70	36	0.04	36
313	-44	-13	Max	236.67	-114.26	36	10.06	36	30.63	36	-756.90	36	-278.67	36	0.04	36
313	-44	-13	Min.	0.00	-114.26	36	10.06	36	6.83	36	-47.07	36	672.70	36	0.04	36
313	-44	-13	Min.	236.67	-114.26	36	10.06	36	30.63	36	-756.90	36	-278.67	36	0.04	36
314	410	416	Max	17.50	-24.31	36	19.56	36	-14.53	36	541.38	36	0.00	36	-34.69	36
314	410	416	Max	207.50					22.64	36			514.32	36		
314	410	416	Max	397.50	-24.31	36	19.56	36	59.81	36	-541.38	36	0.00	36	-34.69	36
314	410	416	Min.	17.50	-24.31	36	19.56	36	-14.53	36	541.38	36	0.00	36	-34.69	36
314	410	416	Min.	207.50					22.64	36			514.32	36		
314	410	416	Min.	397.50	-24.31	36	19.56	36	59.81	36	-541.38	36	0.00	36	-34.69	36
314	416	422	Max	12.50	-33.87	36	49.76	36	-96.47	36	502.16	36	-260.79	36	-13.98	36
314	416	422	Max	188.73					-8.77	36			181.69	36		
314	416	422	Max	397.50	-33.87	36	49.76	36	95.11	36	-594.86	36	-439.25	36	-13.98	36
314	416	422	Min.	12.50	-33.87	36	49.76	36	-96.47	36	502.16	36	-260.79	36	-13.98	36
314	416	422	Min.	188.73					-8.77	36			181.69	36		
314	416	422	Min.	397.50	-33.87	36	49.76	36	95.11	36	-594.86	36	-439.25	36	-13.98	36

314	422	428	Max	12.50	-64.50	36	23.02	36	-64.27	36	795.19	36	-707.23	36	-5.65	36
314	422	428	Max	291.57					-0.02	36			402.34	36		
314	422	428	Max	577.50	-64.50	36	23.02	36	65.80	36	-814.72	36	-762.41	36	-5.65	36
314	422	428	Min.	12.50	-64.50	36	23.02	36	-64.27	36	795.19	36	-707.23	36	-5.65	36
314	422	428	Min.	291.57					-0.02	36			402.34	36		
314	422	428	Min.	577.50	-64.50	36	23.02	36	65.80	36	-814.72	36	-762.41	36	-5.65	36
314	428	434	Max	12.50	-82.02	36	11.33	36	-41.16	36	923.07	36	-956.68	36	21.36	36
314	428	434	Max	336.45					-4.46	36			538.48	36		
314	428	434	Max	577.50	-82.02	36	11.33	36	22.84	36	-686.84	36	-289.32	36	21.36	36
314	428	434	Min.	12.50	-82.02	36	11.33	36	-41.16	36	923.07	36	-956.68	36	21.36	36
314	428	434	Min.	336.45					-4.46	36			538.48	36		
314	428	434	Min.	577.50	-82.02	36	11.33	36	22.84	36	-686.84	36	-289.32	36	21.36	36
315	-150	-149	Max	0.00	34.21	36	0.95	36	-0.71	36	256.39	36	0.00	36	-0.12	36
315	-150	-149	Max	205.00					1.24	36			262.80	36		
315	-150	-149	Max	410.00	34.21	36	0.95	36	3.19	36	-256.39	36	0.00	36	-0.12	36
315	-150	-149	Min.	0.00	34.21	36	0.95	36	-0.71	36	256.39	36	0.00	36	-0.12	36
315	-150	-149	Min.	205.00					1.24	36			262.80	36		
315	-150	-149	Min.	410.00	34.21	36	0.95	36	3.19	36	-256.39	36	0.00	36	-0.12	36
315	-149	-140	Max	0.00	9.43	36	2.61	36	-5.31	36	256.39	36	0.00	36	-0.00	36
315	-149	-140	Max	205.00					0.03	36			262.80	36		
315	-149	-140	Max	410.00	9.43	36	2.61	36	5.37	36	-256.39	36	0.00	36	-0.00	36
315	-149	-140	Min.	0.00	9.43	36	2.61	36	-5.31	36	256.39	36	0.00	36	-0.00	36
315	-149	-140	Min.	205.00					0.03	36			262.80	36		
315	-149	-140	Min.	410.00	9.43	36	2.61	36	5.37	36	-256.39	36	0.00	36	-0.00	36
315	-140	-139	Max	0.00	-7.20	36	1.58	36	-4.74	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	-7.20	36	1.58	36	4.58	36	-378.72	36	0.00	36	-0.00	36
315	-140	-139	Min.	0.00	-7.20	36	1.58	36	-4.74	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	-7.20	36	1.58	36	4.58	36	-378.72	36	0.00	36	-0.00	36
315	-139	-138	Max	0.00	-25.63	36	1.03	36	-3.39	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	-25.63	36	1.03	36	2.66	36	-378.72	36	0.00	36	0.07	36
315	-139	-138	Min.	0.00	-25.63	36	1.03	36	-3.39	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	-25.63	36	1.03	36	2.66	36	-378.72	36	0.00	36	0.07	36
316	311	317	Max	17.50	296.66	36	37.15	36	-51.16	36	495.27	36	0.00	36	35.68	36
316	311	317	Max	207.50					19.43	36			470.50	36		
316	311	317	Max	397.50	296.66	36	37.15	36	90.01	36	-495.27	36	0.00	36	35.68	36
316	311	317	Min.	17.50	296.66	36	37.15	36	-51.16	36	495.27	36	0.00	36	35.68	36
316	311	317	Min.	207.50					19.43	36			470.50	36		
316	311	317	Min.	397.50	296.66	36	37.15	36	90.01	36	-495.27	36	0.00	36	35.68	36
316	317	323	Max	12.50	148.68	36	59.19	36	-113.66	36	458.71	36	-240.10	36	6.25	36
316	317	323	Max	188.47					-9.50	36			163.50	36		
316	317	323	Max	397.50	148.68	36	59.19	36	114.23	36	-544.86	36	-405.94	36	6.25	36
316	317	323	Min.	12.50	148.68	36	59.19	36	-113.66	36	458.71	36	-240.10	36	6.25	36
316	317	323	Min.	188.47					-9.50	36			163.50	36		
316	317	323	Min.	397.50	148.68	36	59.19	36	114.23	36	-544.86	36	-405.94	36	6.25	36
316	323	329	Max	12.50	8.82	36	28.56	36	-79.83	36	726.33	36	-643.72	36	2.65	36
316	323	329	Max	291.14					-0.25	36			368.22	36		
316	323	329	Max	577.50	8.82	36	28.56	36	81.54	36	-746.44	36	-700.52	36	2.65	36
316	323	329	Min.	12.50	8.82	36	28.56	36	-79.83	36	726.33	36	-643.72	36	2.65	36
316	323	329	Min.	291.14					-0.25	36			368.22	36		
316	323	329	Min.	577.50	8.82	36	28.56	36	81.54	36	-746.44	36	-700.52	36	2.65	36
316	329	335	Max	12.50	-95.59	36	24.41	36	-71.84	36	829.26	36	-855.08	36	-9.91	36
316	329	335	Max	330.63					5.83	36			463.98	36		
316	329	335	Max	577.50	-95.59	36	24.41	36	66.10	36	-643.51	36	-330.33	36	-9.91	36
316	329	335	Min.	12.50	-95.59	36	24.41	36	-71.84	36	829.26	36	-855.08	36	-9.91	36
316	329	335	Min.	330.63					5.83	36			463.98	36		
316	329	335	Min.	577.50	-95.59	36	24.41	36	66.10	36	-643.51	36	-330.33	36	-9.91	36
317	-153	-151	Max	0.00	-59.12	36	2.87	36	-4.88	36	214.31	36	0.00	36	0.43	36
317	-153	-151	Max	205.00					0.99	36			219.67	36		
317	-153	-151	Max	410.00	-59.12	36	2.87	36	6.87	36	-214.31	36	0.00	36	0.43	36
317	-153	-151	Min.	0.00	-59.12	36	2.87	36	-4.88	36	214.31	36	0.00	36	0.43	36
317	-153	-151	Min.	205.00					0.99	36			219.67	36		
317	-153	-151	Min.	410.00	-59.12	36	2.87	36	6.87	36	-214.31	36	0.00	36	0.43	36
317	-151	-145	Max	0.00	-6.79	36	4.22	36	-8.64	36	214.31	36	0.00	36	0.04	36
317	-151	-145	Max	205.00					0.00	36			219.67	36		
317	-151	-145	Max	410.00	-6.79	36	4.22	36	8.65	36	-214.31	36	0.00	36	0.04	36
317	-151	-145	Min.	0.00	-6.79	36	4.22	36	-8.64	36	214.31	36	0.00	36	0.04	36
317	-151	-145	Min.	205.00					0.00	36			219.67	36		
317	-151	-145	Min.	410.00	-6.79	36	4.22	36	8.65	36	-214.31	36	0.00	36	0.04	36
317	-145	-143	Max	0.00	16.81	36	2.62	36	-7.80	36	318.17	36	0.00	36	0.05	36
317	-145	-143	Max	295.00					-0.06	36			469.31	36		
317	-145	-143	Max	590.00	16.81	36	2.62	36	7.67	36	-318.17	36	0.00	36	0.05	36
317	-145	-143	Min.	0.00	16.81	36	2.62	36	-7.80	36	318.17	36	0.00	36	0.05	36
317	-145	-143	Min.	295.00					-0.06	36			469.31	36		
317	-145	-143	Min.	590.00	16.81	36	2.62	36	7.67	36	-318.17	36	0.00	36	0.05	36
317	-143	-141	Max	0.00	23.89	36	2.30	36	-7.04	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	23.89	36	2.30	36	6.51	36	-318.17	36	0.00	36	-0.21	36
317	-143	-141	Min.	0.00	23.89	36	2.30	36	-7.04	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	23.89	36	2.30	36	6.51	36	-318.17	36	0.00	36	-0.21	36
318	-154	-152	Max	0.00	64.21	36	2.44	36	-4.23	36	212.31	36	0.00	36	0.13	36
318	-154	-152	Max	205.00					0.78	36			217.62	36		
318	-154	-152	Max	410.00	64.21	36	2.44	36	5.79	36	-212.31	36	0.00	36	0.13	36
318	-154	-152	Min.	0.00	64.21	36	2.44	36	-4.23	36	212.31	36	0.00	36	0.13	36
318	-154	-152	Min.	205.00					0.78	36			217.62	36		
318	-154	-152	Min.	410.00	64.21	36	2.44	36	5.79	36	-212.31	36	0.00	36	0.13	36

318	-152	-146	Max	0.00	16.44	36	3.58	36	-7.34	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	16.44	36	3.58	36	7.35	36	-212.31	36	0.00	36	-0.09	36
318	-152	-146	Min.	0.00	16.44	36	3.58	36	-7.34	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	16.44	36	3.58	36	7.35	36	-212.31	36	0.00	36	-0.09	36
318	-146	-144	Max	0.00	-4.80	36	2.24	36	-6.66	36	315.29	36	0.00	36	-0.06	36
318	-146	-144	Max	295.00					-0.04	36			465.05	36		
318	-146	-144	Max	590.00	-4.80	36	2.24	36	6.57	36	-315.29	36	0.00	36	-0.06	36
318	-146	-144	Min.	0.00	-4.80	36	2.24	36	-6.66	36	315.29	36	0.00	36	-0.06	36
318	-146	-144	Min.	295.00					-0.04	36			465.05	36		
318	-146	-144	Min.	590.00	-4.80	36	2.24	36	6.57	36	-315.29	36	0.00	36	-0.06	36
318	-144	-142	Max	0.00	-22.48	36	1.99	36	-6.11	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	-22.48	36	1.99	36	5.62	36	-315.29	36	0.00	36	0.17	36
318	-144	-142	Min.	0.00	-22.48	36	1.99	36	-6.11	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	-22.48	36	1.99	36	5.62	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	78.56	36	-289.68	36	509.10	36
501	1	2	Max	416.50	0.00	36	0.00	36	0.00	36	402.48	36	449.50	36	509.10	36
501	1	2	Min.	12.50	0.00	36	0.00	36	0.00	36	78.56	36	-289.68	36	509.10	36
501	1	2	Min.	416.50	0.00	36	0.00	36	0.00	36	402.48	36	449.50	36	509.10	36
501	2	3	Max	12.50	0.00	36	0.00	36	0.00	36	-330.54	36	354.42	36	100.21	36
501	2	3	Max	194.94									48.61	36		
501	2	3	Max	337.50	0.00	36	0.00	36	0.00	36	264.38	36	237.65	36	100.21	36
501	2	3	Min.	12.50	0.00	36	0.00	36	0.00	36	-330.54	36	354.42	36	100.21	36
501	2	3	Min.	194.94									48.61	36		
501	2	3	Min.	337.50	0.00	36	0.00	36	0.00	36	264.38	36	237.65	36	100.21	36
501	3	4	Max	12.50	0.00	36	0.00	36	0.00	36	-375.22	36	252.22	36	-63.29	36
501	3	4	Max	247.37									-170.96	36		
501	3	4	Max	428.50	0.00	36	0.00	36	0.00	36	264.12	36	65.56	36	-63.29	36
501	3	4	Min.	12.50	0.00	36	0.00	36	0.00	36	-375.22	36	252.22	36	-63.29	36
501	3	4	Min.	247.37									-170.96	36		
501	3	4	Min.	428.50	0.00	36	0.00	36	0.00	36	264.12	36	65.56	36	-63.29	36
501	4	5	Max	12.50	0.00	36	0.00	36	0.00	36	-157.70	36	76.01	36	-41.88	36
501	4	5	Max	112.14									-3.21	36		
501	4	5	Max	337.50	0.00	36	0.00	36	0.00	36	374.75	36	417.11	36	-41.88	36
501	4	5	Min.	12.50	0.00	36	0.00	36	0.00	36	-157.70	36	76.01	36	-41.88	36
501	4	5	Min.	112.14									-3.21	36		
501	4	5	Min.	337.50	0.00	36	0.00	36	0.00	36	374.75	36	417.11	36	-41.88	36
501	5	6	Max	12.50	0.00	36	0.00	36	0.00	36	-411.95	36	491.27	36	-493.04	36
501	5	6	Max	416.50	0.00	36	0.00	36	0.00	36	-90.12	36	-297.04	36	-493.04	36
501	5	6	Min.	12.50	0.00	36	0.00	36	0.00	36	-411.95	36	491.27	36	-493.04	36
501	5	6	Min.	416.50	0.00	36	0.00	36	0.00	36	-90.12	36	-297.04	36	-493.04	36
506	31	32	Max	12.50	0.00	36	0.00	36	0.00	36	395.60	36	-296.76	36	-62.59	36
506	31	32	Max	416.50	0.00	36	0.00	36	0.00	36	-307.56	36	-170.01	36	-62.59	36
506	31	32	Min.	12.50	0.00	36	0.00	36	0.00	36	395.60	36	-296.76	36	-62.59	36
506	31	32	Min.	416.50	0.00	36	0.00	36	0.00	36	-307.56	36	-170.01	36	-62.59	36
506	32	33	Max	12.50	0.00	36	0.00	36	0.00	36	341.38	36	-87.99	36	-1.39	36
506	32	33	Max	337.50	0.00	36	0.00	36	0.00	36	-201.96	36	174.16	36	-1.39	36
506	32	33	Min.	12.50	0.00	36	0.00	36	0.00	36	341.38	36	-87.99	36	-1.39	36
506	32	33	Min.	337.50	0.00	36	0.00	36	0.00	36	-201.96	36	174.16	36	-1.39	36
506	33	-6	Max	12.50	0.00	36	0.00	36	0.00	36	-246.76	36	167.55	36	-4.11	36
506	33	-6	Max	220.50	0.00	36	0.00	36	0.00	36	-790.87	36	-881.66	36	-4.11	36
506	33	-6	Min.	12.50	0.00	36	0.00	36	0.00	36	-246.76	36	167.55	36	-4.11	36
506	33	-6	Min.	220.50	0.00	36	0.00	36	0.00	36	-790.87	36	-881.66	36	-4.11	36
506	-6	34	Max	0.00	0.00	36	0.00	36	0.00	36	791.77	36	-881.75	36	-18.23	36
506	-6	34	Max	208.00	0.00	36	0.00	36	0.00	36	248.00	36	169.58	36	-18.23	36
506	-6	34	Min.	0.00	0.00	36	0.00	36	0.00	36	791.77	36	-881.75	36	-18.23	36
506	-6	34	Min.	208.00	0.00	36	0.00	36	0.00	36	248.00	36	169.58	36	-18.23	36
506	34	35	Max	12.50	0.00	36	0.00	36	0.00	36	200.62	36	176.19	36	8.58	36
506	34	35	Max	337.50	0.00	36	0.00	36	0.00	36	-342.15	36	-89.14	36	8.58	36
506	34	35	Min.	12.50	0.00	36	0.00	36	0.00	36	200.62	36	176.19	36	8.58	36
506	34	35	Min.	337.50	0.00	36	0.00	36	0.00	36	-342.15	36	-89.14	36	8.58	36
506	35	36	Max	12.50	0.00	36	0.00	36	0.00	36	307.34	36	-170.28	36	67.42	36
506	35	36	Max	416.50	0.00	36	0.00	36	0.00	36	-395.73	36	-297.98	36	67.42	36
506	35	36	Min.	12.50	0.00	36	0.00	36	0.00	36	307.34	36	-170.28	36	67.42	36
506	35	36	Min.	416.50	0.00	36	0.00	36	0.00	36	-395.73	36	-297.98	36	67.42	36
507	1	7	Max	17.50	0.00	36	0.00	36	0.00	36	437.46	36	-1141.05	36	-84.10	36
507	1	7	Max	617.50	0.00	36	0.00	36	0.00	36	14.95	36	-11.35	36	-84.10	36
507	1	7	Min.	17.50	0.00	36	0.00	36	0.00	36	437.46	36	-1141.05	36	-84.10	36
507	1	7	Min.	617.50	0.00	36	0.00	36	0.00	36	14.95	36	-11.35	36	-84.10	36
507	7	13	Max	17.50	0.00	36	0.00	36	0.00	36	-500.67	36	1181.10	36	-36.83	36
507	7	13	Max	397.50	0.00	36	0.00	36	0.00	36	-656.16	36	-755.20	36	-36.83	36
507	7	13	Min.	17.50	0.00	36	0.00	36	0.00	36	-500.67	36	1181.10	36	-36.83	36
507	7	13	Min.	397.50	0.00	36	0.00	36	0.00	36	-656.16	36	-755.20	36	-36.83	36
507	13	19	Max	12.50	0.00	36	0.00	36	0.00	36	468.44	36	-636.20	36	-20.03	36
507	13	19	Max	397.50	0.00	36	0.00	36	0.00	36	-214.40	36	-166.79	36	-20.03	36
507	13	19	Min.	12.50	0.00	36	0.00	36	0.00	36	468.44	36	-636.20	36	-20.03	36
507	13	19	Min.	397.50	0.00	36	0.00	36	0.00	36	-214.40	36	-166.79	36	-20.03	36
507	19	25	Max	12.50	0.00	36	0.00	36	0.00	36	338.37	36	-234.06	36	11.11	36
507	19	25	Max	577.50	0.00	36	0.00	36	0.00	36	-326.92	36	-282.84	36	11.11	36
507	19	25	Min.	12.50	0.00	36	0.00	36	0.00	36	338.37	36	-234.06	36	11.11	36
507	19	25	Min.	577.50	0.00	36	0.00	36	0.00	36	-326.92	36	-282.84	36	11.11	36
507	25	31	Max	12.50	0.00	36	0.00	36	0.00	36	327.52	36	-248.05	36	103.39	36
507	25	31	Max	577.50	0.00	36	0.00	36	0.00	36	-440.22	36	-366.36	36	103.39	36
507	25	31	Min.	12.50	0.00	36	0.00	36	0.00	36	327.52	36	-248.05	36	103.39	36
507	25	31	Min.	577.50	0.00	36	0.00	36	0.00	36	-440.22	36	-366.36	36	103.39	36
519	6	12	Max	17.50	0.00	36	0.00	36	0.00	36	431.33	36	-1127.66	36	85.60	36
519	6	12	Max	617.50	0.											

519	6	12	Min.	17.50	0.00	36	0.00	36	0.00	36	431.33	36	-1127.66	36	85.60	36
519	6	12	Min.	617.50	0.00	36	0.00	36	0.00	36	14.65	36	-14.01	36	85.60	36
519	12	18	Max	17.50	0.00	36	0.00	36	0.00	36	-502.13	36	1183.01	36	37.01	36
519	12	18	Max	397.50	0.00	36	0.00	36	0.00	36	-656.59	36	-756.51	36	37.01	36
519	12	18	Min.	17.50	0.00	36	0.00	36	0.00	36	-502.13	36	1183.01	36	37.01	36
519	12	18	Min.	397.50	0.00	36	0.00	36	0.00	36	-656.59	36	-756.51	36	37.01	36
519	18	24	Max	12.50	0.00	36	0.00	36	0.00	36	467.61	36	-635.14	36	19.78	36
519	18	24	Max	397.50	0.00	36	0.00	36	0.00	36	-214.78	36	-167.94	36	19.78	36
519	18	24	Min.	12.50	0.00	36	0.00	36	0.00	36	467.61	36	-635.14	36	19.78	36
519	18	24	Min.	397.50	0.00	36	0.00	36	0.00	36	-214.78	36	-167.94	36	19.78	36
519	24	30	Max	12.50	0.00	36	0.00	36	0.00	36	337.68	36	-232.81	36	-11.57	36
519	24	30	Max	577.50	0.00	36	0.00	36	0.00	36	-326.90	36	-283.20	36	-11.57	36
519	24	30	Min.	12.50	0.00	36	0.00	36	0.00	36	337.68	36	-232.81	36	-11.57	36
519	24	30	Min.	577.50	0.00	36	0.00	36	0.00	36	-326.90	36	-283.20	36	-11.57	36
519	30	36	Max	12.50	0.00	36	0.00	36	0.00	36	326.50	36	-246.17	36	-104.19	36
519	30	36	Max	577.50	0.00	36	0.00	36	0.00	36	-441.51	36	-370.50	36	-104.19	36
519	30	36	Min.	12.50	0.00	36	0.00	36	0.00	36	326.50	36	-246.17	36	-104.19	36
519	30	36	Min.	577.50	0.00	36	0.00	36	0.00	36	-441.51	36	-370.50	36	-104.19	36

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
C_c = Coefficiente funzione della categoria del suolo
Fo = Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
S_s = Coefficiente di amplificazione stratigrafica
T_R = 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	T _R	Ag <g>	Fo	Tc*	S _s	C _c
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 V_N: 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 _u)	1.00
Fattore riduttivo regolarità in altezza (K _R)	1.00
Fattore di comportamento dissipativo (q)	3.30
Fattore di comportamento non dissipativo (q _{ND})	1.50
Fattore di comportamento per SLD (q _D)	1.50

- Categoria topografica: T1 - Superficie pianeggiante, pendii e rilievi isolati con inclinazione media i<=15°
- Coeff. amplificazione topografica S_T: 1.00
- Accelerazione di picco del terreno AgS: 0.1946 <g>
- Fattore di comportamento per sisma verticale (q_v): 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	S	SLU	SLR	SLF	SLQ
1	Calcolo sismico	S	S	S	N	S	S	N	N	N	N
2	Calcolo statico	S	S	S	N	S	N	S	S	S	S

3	Vento da 0°	S	S	S	S	N	S	S	S	S
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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	$\Psi_0 * \gamma$ 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	-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	-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	-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	-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	-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	-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	-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	-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	-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	-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

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
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
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
37	Amb. 3 (SLU VENTO)	SLU	L	N	1.30	1.50	0.75	1.50	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
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
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
41	SLU MANUTENZIONE	SLU	L	N	1.50	1.50	0.75	0.90	1.50	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
43	SLF	SLE F	L	N	1.00	1.00	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

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	9.97	4.89	3.23	93299.50	6403560.00

Totali masse impalcati

Mo <kg>	Jpz <kg*mq>
93299.50	6403560.00

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>
-152	659.57	-151	666.05	-149	802.13	-147	802.13	-146	764.55	-145	771.92	-144	869.52
-142	548.12	-141	553.46	-140	926.83	-139	1051.53	-138	665.47	-137	926.83	-136	1051.53
-132	659.57	-131	666.05	-130	764.55	-129	771.92	-128	869.52	-127	877.79	-126	548.12
-44	497.69	-43	410.55	-42	480.27	-41	427.98	-13	843.08	-12	1229.53	-11	1400.12
314	1619.98	317	1626.46	320	1858.23	323	1865.61	326	2096.48	329	2104.75	332	1315.55
415	1806.90	416	1806.90	421	2068.49	422	2068.49	427	2330.07	428	2330.08	433	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	0.60	0.60	11867.30	11867.30	19625.20

Totali forze sismiche

Fx <daN>	Fy <daN>	Mz <daNm>
11867.30	11867.30	19625.20

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>	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	86.48	86.48	-151	0.00	0.00	89.94	89.94	-149	0.01	0.01	115.40	115.40	-147	0.01	0.01	115.40	115.40

-146	0.01	0.01	100.24	100.24
-142	0.00	0.00	71.87	71.87
-138	0.00	0.00	95.74	95.74
-132	0.00	0.00	89.11	89.11
-128	0.01	0.01	117.48	117.48
-44	0.00	0.00	77.02	77.02
-13	0.01	0.01	130.48	130.48
314	0.01	0.01	225.22	225.22
326	0.01	0.01	291.47	291.47
415	0.01	0.01	268.65	268.65
427	0.02	0.02	346.43	346.43

-145	0.01	0.01	104.23	104.23
-141	0.00	0.00	74.73	74.73
-137	0.01	0.01	133.34	133.34
-131	0.00	0.00	87.38	87.38
-127	0.01	0.01	115.16	115.16
-43	0.00	0.00	63.54	63.54
-12	0.01	0.01	190.28	190.28
317	0.01	0.01	226.12	226.12
329	0.01	0.01	292.62	292.62
416	0.01	0.01	268.65	268.65
428	0.02	0.02	346.43	346.43

-144	0.01	0.01	114.00	114.00
-140	0.01	0.01	133.34	133.34
-136	0.01	0.01	151.28	151.28
-130	0.01	0.01	103.30	103.30
-126	0.00	0.00	74.06	74.06
-42	0.00	0.00	74.33	74.33
-11	0.01	0.01	216.68	216.68
320	0.01	0.01	258.34	258.34
332	0.01	0.01	182.90	182.90
421	0.02	0.02	307.54	307.54
433	0.01	0.01	219.01	219.01

-143	0.01	0.01	118.53	118.53
-139	0.01	0.01	151.28	151.28
-135	0.00	0.00	95.74	95.74
-129	0.01	0.01	101.27	101.27
-125	0.00	0.00	72.61	72.61
-41	0.00	0.00	66.23	66.23
-10	0.01	0.01	248.48	248.48
323	0.01	0.01	259.37	259.37
335	0.01	0.01	183.64	183.64
422	0.02	0.02	307.54	307.54
434	0.01	0.01	219.01	219.01

Totali forze sismiche

Fx <daN>	Fy <daN>
7781.90	7781.90

Elenco forze sismiche di impalcato allo SLV

Imp.	cx	cy	Fx <daN>	Fy <daN>	Mz <daNm>
1	0.60	0.60	12260.10	12260.10	20274.80

Totali forze sismiche

Fx <daN>	Fy <daN>	Mz <daNm>
12260.10	12260.10	20274.80

Elenco forze sismiche nodali allo SLV

Nodo	cx	cy	Fx <daN>	Fy <daN>
-152	0.00	0.00	89.34	89.34
-146	0.01	0.01	103.56	103.56
-142	0.00	0.00	74.24	74.24
-138	0.00	0.00	98.91	98.91
-132	0.00	0.00	92.06	92.06
-128	0.01	0.01	121.37	121.37
-44	0.00	0.00	79.57	79.57
-13	0.01	0.01	134.79	134.79
314	0.01	0.01	232.68	232.68
326	0.01	0.01	301.12	301.12
415	0.01	0.01	277.54	277.54
427	0.02	0.02	357.90	357.90

Nodo	cx	cy	Fx <daN>	Fy <daN>
-151	0.00	0.00	92.91	92.91
-145	0.01	0.01	107.68	107.68
-141	0.00	0.00	77.21	77.21
-137	0.01	0.01	137.75	137.75
-131	0.00	0.00	90.27	90.27
-127	0.01	0.01	118.97	118.97
-43	0.00	0.00	65.64	65.64
-12	0.01	0.01	196.58	196.58
317	0.01	0.01	233.61	233.61
329	0.01	0.01	302.30	302.30
416	0.01	0.01	277.54	277.54
428	0.02	0.02	357.90	357.90

Nodo	cx	cy	Fx <daN>	Fy <daN>
-149	0.01	0.01	119.22	119.22
-144	0.01	0.01	117.78	117.78
-140	0.01	0.01	137.75	137.75
-136	0.01	0.01	156.29	156.29
-130	0.01	0.01	106.72	106.72
-126	0.00	0.00	76.51	76.51
-42	0.00	0.00	76.79	76.79
-11	0.01	0.01	223.86	223.86
320	0.01	0.01	266.89	266.89
332	0.01	0.01	188.95	188.95
421	0.02	0.02	317.72	317.72
433	0.01	0.01	226.26	226.26

Nodo	cx	cy	Fx <daN>	Fy <daN>
-147	0.01	0.01	119.22	119.22
-143	0.01	0.01	122.45	122.45
-139	0.01	0.01	156.29	156.29
-135	0.00	0.00	98.91	98.91
-129	0.01	0.01	104.62	104.62
-125	0.00	0.00	75.01	75.01
-41	0.00	0.00	68.43	68.43
-10	0.01	0.01	256.71	256.71
323	0.01	0.01	267.95	267.95
335	0.01	0.01	189.72	189.72
422	0.02	0.02	317.72	317.72
434	0.01	0.01	226.26	226.26

Totali forze sismiche

Fx <daN>	Fy <daN>
8039.50	8039.50

Elenco forze sismiche di impalcato allo SND

Imp.	cx	cy	Fx <daN>	Fy <daN>	Mz <daNm>
1	0.60	0.60	26972.20	26972.20	44604.60

Totali forze sismiche

Fx <daN>	Fy <daN>	Mz <daNm>
26972.20	26972.20	44604.60

Elenco forze sismiche nodali allo SND

Nodo	cx	cy	Fx <daN>	Fy <daN>
-152	0.00	0.00	196.55	196.55
-146	0.01	0.01	227.83	227.83
-142	0.00	0.00	163.34	163.34
-138	0.00	0.00	217.60	217.60
-132	0.00	0.00	202.54	202.54
-128	0.01	0.01	267.01	267.01

Nodo	cx	cy	Fx <daN>	Fy <daN>
-151	0.00	0.00	204.41	204.41
-145	0.01	0.01	236.90	236.90
-141	0.00	0.00	169.85	169.85
-137	0.01	0.01	303.06	303.06
-131	0.00	0.00	198.60	198.60
-127	0.01	0.01	261.74	261.74

Nodo	cx	cy	Fx <daN>	Fy <daN>
-149	0.01	0.01	262.28	262.28
-144	0.01	0.01	259.11	259.11
-140	0.01	0.01	303.06	303.06
-136	0.01	0.01	343.83	343.83
-130	0.01	0.01	234.78	234.78
-126	0.00	0.00	168.32	168.32

Nodo	cx	cy	Fx <daN>	Fy <daN>
-147	0.01	0.01	262.28	262.28
-143	0.01	0.01	269.39	269.39
-139	0.01	0.01	343.83	343.83
-135	0.00	0.00	217.60	217.60
-129	0.01	0.01	230.17	230.17
-125	0.00	0.00	165.03	165.03

-44	0.00	0.00	175.06	175.06	-43	0.00	0.00	144.41	144.41	-42	0.00	0.00	168.93	168.93	-41	0.00	0.00	150.54	150.54
-13	0.01	0.01	296.55	296.55	-12	0.01	0.01	432.48	432.48	-11	0.01	0.01	492.49	492.49	-10	0.01	0.01	564.75	564.75
314	0.01	0.01	511.89	511.89	317	0.01	0.01	513.93	513.93	320	0.01	0.01	587.17	587.17	323	0.01	0.01	589.50	589.50
326	0.01	0.01	662.45	662.45	329	0.01	0.01	665.07	665.07	332	0.01	0.01	415.69	415.69	335	0.01	0.01	417.38	417.38
415	0.01	0.01	610.59	610.59	416	0.01	0.01	610.59	610.59	421	0.02	0.02	698.99	698.99	422	0.02	0.02	698.99	698.99
427	0.02	0.02	787.38	787.38	428	0.02	0.02	787.38	787.38	433	0.01	0.01	497.78	497.78	434	0.01	0.01	497.78	497.78

Totali forze sismiche

Fx <daN>	Fy <daN>
17686.90	17686.90

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	0.66	2.04	22	2	302	3.23	0.65	2.03	22	3	403	3.23	0.65	2.01	22	4	404	3.23	0.65	2.02	2
5	305	3.23	0.66	2.03	2	6	106	3.23	0.66	2.05	2	7	107	3.23	0.63	1.96	22	8	-155	3.23	0.63	1.94	22
-155	308	0.30	0.08	2.79	14	9	-15	3.23	0.62	1.93	22	-15	409	0.55	0.16	2.90	14	10	-16	3.23	0.62	1.93	2
-16	410	0.55	0.14	2.62	32	11	-7	3.23	0.63	1.94	2	-7	311	0.30	0.08	2.76	32	12	112	3.23	0.63	1.96	2
13	113	3.23	0.62	1.91	22	14	314	3.53	0.63	1.77	4	15	415	3.78	0.68	1.79	14	16	416	3.78	0.66	1.75	32
17	317	3.53	0.63	1.77	24	18	118	3.23	0.62	1.91	2	19	119	3.23	0.60	1.86	6	20	320	3.53	0.61	1.74	20
21	421	3.78	0.68	1.79	16	22	422	3.78	0.66	1.75	30	23	323	3.53	0.61	1.73	20	24	124	3.23	0.60	1.86	18
25	125	3.23	0.59	1.83	6	26	326	3.53	0.61	1.72	16	27	427	3.78	0.68	1.80	16	28	428	3.78	0.67	1.76	30
29	329	3.53	0.61	1.71	20	30	130	3.23	0.59	1.83	18	31	231	3.23	0.58	1.81	6	32	332	3.53	0.61	1.72	16
33	433	3.78	0.68	1.80	16	34	434	3.78	0.67	1.76	30	35	335	3.53	0.61	1.71	30	36	136	3.23	0.58	1.81	18

Min = 1.71

Max = 2.90

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
 K₂ =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
 ctgθ =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 <cm²>	AfE I <cm²>	AfEP S <cm²>	AfEP I <cm²>	My <daNm>	MRdy <daNm>	Sic.
0.12	21	SLV	1	12.50	4.02	4.02	4.02	4.02	-1330.10	-2974.31	2.236
4.17	3	SLV	1	416.50	4.02	4.02	4.02	4.02	-1079.47	-2974.31	2.755
4.42	23	SLV	2	12.50	4.02	4.02	4.02	4.02	-1155.39	-2974.31	2.574
7.67	3	SLV	2	337.50	8.04	8.04	8.04	8.04	-1173.68	-5620.58	4.789
7.92	21	SLV	3	12.50	8.04	8.04	8.04	8.04	-1051.83	-5620.58	5.344
12.07	3	SLV	4	208.00	4.02	4.02	4.02	4.02	-1093.24	-2974.31	2.721
12.32	21	SLV	5	12.50	4.02	4.02	4.02	4.02	-1194.87	-2974.31	2.489
15.35	3	SLV	5	314.96	8.04	8.04	8.04	8.04	-1139.34	-5620.58	4.933
15.57	3	SLV	5	337.50	8.04	8.04	8.04	8.04	-1139.34	-5620.58	4.933
15.82	23	SLV	6	12.50	8.04	8.04	8.04	8.04	-1074.81	-5620.58	5.229
19.86	1	SLV	6	416.50	4.02	4.02	4.02	4.02	-1331.60	-2974.31	2.234

Stato limite d'esercizio - Verifiche tensionali

Xg <m>	CC	TCC	El	X <cm>	AfE S <cm²>	AfE I <cm²>	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	-146.84	201.44	-45.06	7.01
0.12	36	SLE Q	1	12.50	4.02	4.02	-215.07	295.05	-66.01	10.27
4.17	38	SLE R	1	416.50	4.02	4.02	-305.81	419.53	-93.85	14.61
4.17	36	SLE Q	1	416.50	4.02	4.02	-134.98	185.17	-41.42	6.45
4.42	38	SLE R	2	12.50	4.02	4.02	191.11	-58.65	262.18	9.13
4.42	36	SLE Q	2	12.50	4.02	4.02	-147.48	202.32	-45.26	7.05
7.67	38	SLE R	2	337.50	8.04	8.04	-444.49	314.56	-116.35	14.77
7.67	36	SLE Q	2	337.50	8.04	8.04	-151.50	107.21	-39.66	5.03
7.92	38	SLE R	3	12.50	8.04	8.04	92.13	-24.12	65.20	3.06
7.92	36	SLE Q	3	12.50	8.04	8.04	-186.59	132.05	-48.84	6.20
12.07	38	SLE R	4	208.00	4.02	4.02	-455.45	624.81	-139.78	21.76
12.07	36	SLE Q	4	208.00	4.02	4.02	-228.21	313.07	-70.04	10.90
12.32	38	SLE R	5	12.50	4.02	4.02	144.70	-44.41	198.50	6.91
12.32	36	SLE Q	5	12.50	4.02	4.02	-171.82	235.71	-52.73	8.21
15.35	38	SLE R	5	314.96	8.04	8.04	-423.99	300.06	-110.98	14.09
15.35	36	SLE Q	5	314.96	8.04	8.04	-130.49	92.35	-34.16	4.34
15.57	38	SLE R	5	337.50	8.04	8.04	-423.99	300.06	-110.98	14.09
15.57	36	SLE Q	5	337.50	8.04	8.04	-130.49	92.35	-34.16	4.34
15.82	38	SLE R	6	12.50	8.04	8.04	138.90	-36.36	98.30	4.61
15.82	36	SLE Q	6	12.50	8.04	8.04	-131.24	92.88	-34.35	4.36
19.86	38	SLE R	6	416.50	4.02	4.02	-425.07	583.14	-130.46	20.31
19.86	36	SLE Q	6	416.50	4.02	4.02	-217.66	298.61	-66.80	10.40

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 <cm²>	A _{c eff} <cm²>	σ _s <daN/cm²>	ε _{sm}	Wk <mm>
24	0.12	36	SLE Q	1	3	12.50	-215.07	33.00	168.00	0.50	16.00	125.11	4.02	148.57	295.05	0.09	0.02
29	0.12	43	SLE F	1	3	12.50	-215.07	33.00	168.00	0.50	16.00	125.11	4.02	148.57	295.05	0.09	0.02
52	4.17	36	SLE Q	1	3	416.50	-134.98	33.00	168.00	0.50	16.00	125.11	4.02	148.57	185.17	0.05	0.01
56	4.17	39	SLE F	1	3	416.50	-170.12	33.00	168.00	0.50	16.00	125.11	4.02	148.57	233.39	0.07	0.01
80	4.42	36	SLE Q	2	3	12.50	-147.48	33.00	168.00	0.50	16.00	125.11	4.02	148.57	202.32	0.06	0.01
85	4.42	43	SLE F	2	3	12.50	-147.48	33.00	168.00	0.50	16.00	125.11	4.02	148.57	202.32	0.06	0.01
108	7.67	36	SLE Q	2	3	337.50	-151.50	33.00	56.00	0.50	16.00	93.13	8.04	136.37	107.21	0.03	0.00
112	7.67	39	SLE F	2	3	337.50	-210.28	33.00	56.00	0.50	16.00	93.13	8.04	136.37	148.81	0.04	0.01
140	7.92	36	SLE Q	3	3	12.50	-186.59	33.00	56.00	0.50	16.00	93.13	8.04	136.37	132.05	0.04	0.01
145	7.92	43	SLE F	3	3	12.50	-186.59	33.00	56.00	0.50	16.00	93.13	8.04	136.37	132.05	0.04	0.01
170	12.07	36	SLE Q	4	3	208.00	-228.21	33.00	168.00	0.50	16.00	125.11	4.02	148.57	313.07	0.09	0.02
174	12.07	39	SLE F	4	3	208.00	-273.74	33.00	168.00	0.50	16.00	125.11	4.02	148.57	375.54	0.11	0.02
198	12.32	36	SLE Q	5	3	12.50	-171.82	33.00	168.00	0.50	16.00	125.11	4.02	148.57	235.71	0.07	0.01
203	12.32	43	SLE F	5	3	12.50	-171.82	33.00	168.00	0.50	16.00	125.11	4.02	148.57	235.71	0.07	0.01
226	15.35	36	SLE Q	5	3	314.96	-130.49	33.00	56.00	0.50	16.00	93.13	8.04	136.37	92.35	0.03	0.00
229	15.35	35	SLE F	5	3	314.96	-189.42	33.00	56.00	0.50	16.00	93.13	8.04	136.37	134.05	0.04	0.01
254	15.57	36	SLE Q	5	3	337.50	-130.49	33.00	56.00	0.50	16.00	93.13	8.04	136.37	92.35	0.03	0.00
257	15.57	35	SLE F	5	3	337.50	-189.42	33.00	56.00	0.50	16.00	93.13	8.04	136.37	134.05	0.04	0.01
282	15.82	36	SLE Q	6	3	12.50	-131.24	33.00	56.00	0.50	16.00	93.13	8.04	136.37	92.88	0.03	0.00
287	15.82	43	SLE F	6	3	12.50	-131.24	33.00	56.00	0.50	16.00	93.13	8.04	136.37	92.88	0.03	0.00
311	19.86	36	SLE Q	6	3	416.50	-217.66	33.00	168.00	0.50	16.00	125.11	4.02	148.57	298.61	0.09	0.02
314	19.86	35	SLE F	6	3	416.50	-259.34	33.00	168.00	0.50	16.00	125.11	4.02	148.57	355.78	0.10	0.02

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	1456.97	1.05	19333.90	19333.90	13.270
21	TGND	0.38	3.92	3.54	ø8/16 2 br.	6.28	0.25	1417.91	2.50	11561.70	13346.70	8.154
31	TGND	3.92	4.17	0.25	ø8/ 4 2 br.	25.13	0.25	1417.32	1.05	19333.90	19333.90	13.641
23	TGND	4.42	4.67	0.25	ø8/ 4 2 br.	25.13	0.25	1626.82	1.05	19333.90	19333.90	11.884
31	TGND	4.67	7.42	2.75	ø8/16 2 br.	6.28	0.25	1590.23	2.50	11561.70	13346.70	7.270
31	TGND	7.42	7.67	0.25	ø8/ 4 2 br.	25.13	0.25	1629.29	1.05	19333.90	19333.90	11.866
21	TGND	7.92	8.16	0.25	ø8/ 4 2 br.	25.13	0.25	1230.05	1.05	19333.90	19333.90	15.718
31	TGND	8.16	11.82	3.66	ø8/16 2 br.	6.28	0.25	1210.99	2.50	11561.70	13346.70	9.547
31	TGND	11.82	12.07	0.25	ø8/ 4 2 br.	25.13	0.25	1250.06	1.05	19333.90	19333.90	15.466

21	TGND	12.32	12.57	0.25	ø8/ 4 2 br.	25.13	0.25	1642.06	1.05	19333.90	19333.90	19333.90	11.774
21	TGND	12.57	15.32	2.75	ø8/16 2 br.	6.28	0.25	1603.00	2.50	11561.70	13346.70	11561.70	7.213
31	TGND	15.32	15.57	0.25	ø8/ 4 2 br.	25.13	0.25	1616.63	1.05	19333.90	19333.90	19333.90	11.959
23	TGND	15.82	16.07	0.25	ø8/ 4 2 br.	25.13	0.25	1414.66	1.05	19333.90	19333.90	19333.90	13.667
31	TGND	16.07	19.61	3.54	ø8/16 2 br.	6.28	0.25	1418.38	2.50	11561.70	13346.70	11561.70	8.151
31	TGND	19.61	19.86	0.25	ø8/ 4 2 br.	25.13	0.25	1457.45	1.05	19333.90	19333.90	19333.90	13.266

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>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <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.
0.17	13	SLV	1	17.50	4.02	5.09	4.02	5.09	-3874.87	-4547.40	1.174
2.75	41	SLU	3	46.29	4.02	5.09	4.02	5.09	4629.77	5673.31	1.225
6.17	41	SLU	6	71.33	5.56	5.09	5.56	5.09	-4937.21	-6167.42	1.249

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>
0.17	42	SLE R	1	17.50	4.02	5.09	-2537.33	2282.29	-487.56	60.75
0.17	36	SLE Q	1	17.50	4.02	5.09	-2178.05	1959.12	-418.53	52.15
2.75	42	SLE R	3	46.29	4.02	5.09	3086.51	-621.11	2213.07	70.31
2.75	36	SLE Q	3	46.29	4.02	5.09	2617.67	-526.76	1876.91	59.63
6.17	42	SLE R	6	71.33	5.56	5.09	-3291.48	2165.17	-625.14	70.13
6.17	36	SLE Q	6	71.33	5.56	5.09	-2762.11	1816.95	-524.60	58.85

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>
27	0.17	36	SLE Q	1	5	17.50	-2178.05	33.00	168.00	0.50	16.00	152.81	4.02	218.19	1959.12	0.62	0.16
30	0.17	35	SLE F	1	5	17.50	-2237.68	33.00	168.00	0.50	16.00	152.81	4.02	218.19	2012.75	0.59	0.15
55	2.75	36	SLE Q	3	5	46.29	2617.67	32.00	166.00	0.50	18.00	137.76	5.09	208.56	1876.91	0.65	0.15
58	2.75	35	SLE F	3	5	46.29	2701.09	32.00	166.00	0.50	18.00	137.76	5.09	208.56	1936.72	0.56	0.13
83	6.17	36	SLE Q	6	5	71.33	-2762.11	33.33	84.00	0.50	15.39	124.09	5.56	207.47	1816.95	0.64	0.14
86	6.17	35	SLE F	6	5	71.33	-2860.59	33.33	84.00	0.50	15.39	124.09	5.56	207.47	1881.73	0.55	0.12

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	0.17	0.53	0.35	ø8/ 4 2 br.	25.13	0.25	5525.57	1.05	28584.60	28584.60	5.173
41	SLU	0.53	5.83	5.30	ø8/24 2 br.	4.19	0.25	5235.99	2.50	11395.80	19732.70	2.176
41	SLU	5.83	6.17	0.35	ø8/ 4 2 br.	25.13	0.25	5902.64	1.05	28584.60	28584.60	4.843

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/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <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	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 d	1	17.50	10.18	12.19	10.18	12.19	12.19	-8122.92	-11006.60	1.355
3.17	41	SLU b	3	88.83	7.63	12.19	7.63	12.19	12.19	10005.30	13048.10	1.304
6.17	41	SLU b	6	71.33	11.18	12.19	11.18	12.19	12.19	-8685.10	-12056.90	1.388

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	d	1	17.50	10.18	12.19	-5415.28	1973.40	-742.81	77.22
0.17	36	SLE Q	d	1	17.50	10.18	12.19	-4613.23	1681.12	-632.79	65.79
3.17	42	SLE R	b	3	88.83	7.63	12.19	6670.23	-1062.57	2057.89	102.66
3.17	36	SLE Q	b	3	88.83	7.63	12.19	5764.41	-918.27	1778.42	88.72
6.17	42	SLE R	b	6	71.33	11.18	12.19	-5790.07	1926.25	-788.83	80.28
6.17	36	SLE Q	b	6	71.33	11.18	12.19	-5017.40	1669.20	-683.56	69.57

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>
98	0.17	36	SLE Q d	1	5	17.50	-4613.23	32.00	55.33	0.50	18.00	98.74	10.18	196.42	1681.12	0.68	0.11	
110	0.17	35	SLE F d	1	5	17.50	-4758.54	32.00	55.33	0.50	18.00	98.74	10.18	196.42	1734.07	0.63	0.11	
204	3.17	36	SLE Q b	3	5	88.83	5764.41	29.67	80.00	0.50	22.82	93.31	12.19	181.45	1778.42	0.75	0.12	
216	3.17	35	SLE F b	3	5	88.83	5925.49	29.67	80.00	0.50	22.82	93.31	12.19	181.45	1828.12	0.71	0.11	
316	6.17	36	SLE Q b	6	5	71.33	-5017.40	32.60	41.50	0.50	16.95	94.40	11.18	192.61	1669.20	0.68	0.11	

328	6.17	35	SLE F	b	6	5	71.33	-5155.53	32.60	41.50	0.50	16.95	94.40	11.18	192.61	1715.16	0.64	0.10
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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	0.17	0.53	0.35	b	ø8/ 4 2 br.	25.13	0.25	10521.70	1.05	28584.60	28584.60	28584.60	2.717
41 SLU	0.53	5.83	5.30	b	ø8/24 2 br.	4.19	0.25	10906.30	2.50	11395.80	19732.70	11395.80	1.045
41 SLU	5.83	6.17	0.35	b	ø8/ 4 2 br.	25.13	0.25	12038.60	1.05	28584.60	28584.60	28584.60	2.374

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/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	TP	Fyk <daN/cm²>	Fyd <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.
0.17	41	SLU	1	17.50	4.02	5.09	4.02	5.09	-3890.14	-4547.40	1.169
2.75	41	SLU	3	46.35	4.02	5.09	4.02	5.09	4627.12	5673.31	1.226
6.17	41	SLU	6	71.33	5.56	5.09	5.56	5.09	-4852.74	-6167.42	1.271

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>
0.17	42	SLE R	1	17.50	4.02	5.09	-2593.43	2332.74	-498.34	62.10
0.17	36	SLE Q	1	17.50	4.02	5.09	-2177.01	1958.18	-418.33	52.13
2.75	42	SLE R	3	46.35	4.02	5.09	3084.75	-620.75	2211.81	70.27
2.75	36	SLE Q	3	46.35	4.02	5.09	2616.89	-526.60	1876.34	59.61
6.17	42	SLE R	6	71.33	5.56	5.09	-3235.16	2128.13	-614.44	68.93
6.17	36	SLE Q	6	71.33	5.56	5.09	-2764.69	1818.64	-525.09	58.91

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	A _c eff <cmq>	σ _s <daN/cm²>	ε _{sm}	W _k <mm>
27	0.17	36	SLE Q	1	5	17.50	-2177.01	33.00	168.00	0.50	16.00	152.81	4.02	218.19	1958.18	0.62	0.16
30	0.17	35	SLE F	1	5	17.50	-2255.70	33.00	168.00	0.50	16.00	152.81	4.02	218.19	2028.96	0.59	0.15
55	2.75	36	SLE Q	3	5	46.35	2616.89	32.00	166.00	0.50	18.00	137.76	5.09	208.56	1876.34	0.65	0.15
58	2.75	35	SLE F	3	5	46.35	2699.95	32.00	166.00	0.50	18.00	137.76	5.09	208.56	1935.90	0.56	0.13
83	6.17	36	SLE Q	6	5	71.33	-2764.69	33.33	84.00	0.50	15.39	124.09	5.56	207.47	1818.64	0.64	0.14
86	6.17	35	SLE F	6	5	71.33	-2843.58	33.33	84.00	0.50	15.39	124.09	5.56	207.47	1870.54	0.55	0.12

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	0.17	0.53	0.35	ø8/ 4 2 br.	25.13	0.25	5553.67	1.05	28584.60	28584.60	28584.60	5.147
41 SLU	0.53	5.83	5.30	ø8/24 2 br.	4.19	0.25	5207.88	2.50	11395.80	19732.70	11395.80	2.188
41 SLU	5.83	6.17	0.35	ø8/ 4 2 br.	25.13	0.25	5874.54	1.05	28584.60	28584.60	28584.60	4.866

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/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	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/cm²>	σ _f inf <daN/cm²>	σ _c <daN/cm²>
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/cmq>	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/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	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/cmq>	σ _ε inf <daN/cmq>	σ _c <daN/cmq>
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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 _ε sup <daN/cm²>	σ _ε inf <daN/cm²>	σ _c <daN/cm²>
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/cm²>	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	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	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	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	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	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	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	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	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	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	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	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 <cm²>	Afe I <cm²>	AfeP S <cm²>	AfeP I <cm²>	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 <cm²>	Afe I <cm²>	My <daNm>	σ _f sup <daN/cm²>	σ _f 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 <cm²>	A _{c eff} <cm²>	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/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	TP	Fyk <daN/cmq>	Fyd <daN/cmq>
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	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	1	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	3	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	3	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	1	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/cmq>	σ _f inf <daN/cmq>	σ _c <daN/cmq>
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/cmq>	ε _{sm}	Wk <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 _f sup <daN/cm²>	σ _f 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}	W _k <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

K_2 = 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/b_0 = 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
 $ctg\theta_y$ = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo in dir. Y
 $ctg\theta_z$ = 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>	Cls	Fck <daN/cm ² >	Fctk <daN/cm ² >	Fcd <daN/cm ² >	Fctd <daN/cm ² >	Tp	Fyk <daN/cm ² >	Fyd <daN/cm ² >
4R		35.00	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.
0.1713	13	SLV	1	4	17.00	-4711.50	-450.70	-450.70	-2694.57	-2694.57	-4711.50	-1145.94	-6978.46	253.12	6.99	2.589
0.1713	13	SLV	1	4	17.00	-4711.50	-450.70	-450.70	-2694.57	-2694.57	-4711.50	-1145.94	-6978.46	253.12	6.99	2.589
3.0641	41	SLU	1	4	305.50	-6388.40	-241.68	-241.68	4725.09	4725.09	-6388.40	-426.96	7355.24	95.62	8.90	1.557

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 >
0.1738	38	SLE R	1	4	17.00	-4523.02	-625.89	-572.62	8.04	4.02	37.58	456.27
0.1736	36	SLE Q	1	4	17.00	-4345.70	-634.16	178.19	6.03	6.03	22.88	256.44
0.1738	38	SLE R	1	4	17.00	-4523.02	-625.89	-572.62	8.04	4.02	37.58	456.27
0.1736	36	SLE Q	1	4	17.00	-4345.70	-634.16	178.19	6.03	6.03	22.88	256.44
3.0642	42	SLE R	1	4	305.50	-4258.93	3150.06	-161.12	8.04	4.02	89.78	2133.32
3.0636	36	SLE Q	1	4	305.50	-3714.60	2697.77	-263.61	8.04	4.02	82.48	1880.96

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	-4345.70	178.19	-634.16	34.00	166.00	0.50	16.00	111.14	2.01	54.21	221.17	0.06	0.01
0.17	35	SLE F	1	4	17.00	-4434.24	28.55	-639.06	34.00	166.00	0.50	16.00	156.59	2.01	111.32	157.16	0.05	0.01
0.17	36	SLE Q	1	4	17.00	-4345.70	178.19	-634.16	34.00	166.00	0.50	16.00	111.14	2.01	54.21	221.17	0.06	0.01
0.17	35	SLE F	1	4	17.00	-4434.24	28.55	-639.06	34.00	166.00	0.50	16.00	156.59	2.01	111.32	157.16	0.05	0.01
3.06	36	SLE Q	1	4	305.50	-3714.60	-263.61	2697.77	34.00	166.00	0.50	16.00	132.72	4.02	162.67	1880.96	0.66	0.15

3.06	35	SLE F	1	4	305.50	-3803.15	-225.18	2773.95	34.00	166.00	0.50	16.00	134.92	4.02	168.18	1913.42	0.56	0.13
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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	0.65	ø8/12	2	237	SLU	0.25	0.31	1672.71	1.00	9028.12	29551.20	9028.12	0.35	0.21	1328.93	1.00	6077.75	27851.50	6077.75	4.573	
0.17	0.65	ø8/12	2	241	SLU	0.25	0.31	1993.09	1.00	9028.12	29777.50	9028.12	0.35	0.21	678.74	1.00	6077.75	28064.90	6077.75	4.530	
0.17	0.65	ø8/12	2	221	SLV	0.25	0.31	608.12	1.00	9028.12	29244.70	9028.12	0.35	0.21	1092.72	1.00	6077.75	27562.70	6077.75	5.562	
0.17	0.65	ø8/12	2	213	SLV	0.25	0.31	2423.41	1.00	9028.12	29261.50	9028.12	0.35	0.21	200.83	1.00	6077.75	27578.40	6077.75	3.725	
0.65	2.57	ø8/18	2	237	SLU	0.25	0.31	1672.71	1.00	6018.75	29524.30	6018.75	0.35	0.21	982.73	1.00	4051.84	27826.20	4051.84	3.598	
0.65	2.57	ø8/18	2	241	SLU	0.25	0.31	1993.09	1.00	6018.75	29746.50	6018.75	0.35	0.21	471.02	1.00	4051.84	28035.60	4051.84	3.020	
0.65	2.57	ø8/18	2	221	SLV	0.25	0.31	608.12	1.00	6018.75	29224.10	6018.75	0.35	0.21	1092.72	1.00	4051.84	27543.20	4051.84	3.708	
0.65	2.57	ø8/18	2	213	SLV	0.25	0.31	2423.41	1.00	6018.75	29240.80	6018.75	0.35	0.21	200.83	1.00	4051.84	27558.90	4051.84	2.484	
2.57	3.06	ø8/12	2	237	SLU	0.25	0.31	1672.71	1.00	9028.12	29416.70	9028.12	0.35	0.21	748.27	1.00	6077.75	27724.80	6077.75	5.397	
2.57	3.06	ø8/12	2	241	SLU	0.25	0.31	1993.09	1.00	9028.12	29622.40	9028.12	0.35	0.21	567.58	1.00	6077.75	27918.60	6077.75	4.530	
2.57	3.06	ø8/12	2	221	SLV	0.25	0.31	608.12	1.00	9028.12	29141.30	9028.12	0.35	0.21	1092.72	1.00	6077.75	27465.20	6077.75	5.562	
2.57	3.06	ø8/12	2	213	SLV	0.25	0.31	2423.41	1.00	9028.12	29158.00	9028.12	0.35	0.21	200.83	1.00	6077.75	27480.90	6077.75	3.725	

Dettagli costruttivi per la duttilità

- CC=15 Da=0.17 A=0.65083 Dir. Y α_s=0.22131 ω_{Rd}=0.17192 μΦ_d=16.2415 v_d=3.451 E_{sy,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=28.523 0.03805 >= 0.00659 [7.4.29]
- CC=15 Da=0.17 A=0.65083 Dir. Z α_s=0.22131 ω_{Rd}=0.17192 μΦ_d=16.2415 v_d=3.451 E_{sy,d}=0.0018995 b_c/b₀=1.19863 μΦ_c=30.9848 0.03805 >= 0.00329 [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/ 7	Y+	E	2	4.02	5.09	0.25	0.26	0.27	7.85
			Z-	E	2	4.02	4.02	0.35	0.16	0.17	4.71

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	17308.80	0.00	2.18	46090.70	387564.00	458701.00	---	---
	Z-	1	SLV	0.00	17308.80	0.00	2.18	40084.90	555012.00	313602.00	17007.00	18439.80
		25	SLV	0.00	17308.80	0.00	2.14	40084.90	555012.00	313602.00	17011.90	18439.80

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		35.00	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	SLV	1	4	17.00	-7427.66	2441.33	2441.33	-186.98	-186.98	-7427.66	6416.91	-551.92	358.59	8.57	2.630
0.17	21	SLV	1	4	17.00	-7427.66	2441.33	2441.33	-186.98	-186.98	-7427.66	6416.91	-551.92	358.59	8.57	2.630
3.06	41	SLU	1	4	305.50	-11829.30	381.63	381.63	9086.53	9086.53	-11829.30	470.15	10202.30	84.38	7.09	1.123

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	-7847.01	-457.09	-556.83	5.15	11.44	27.73	312.54
0.17	36	SLE Q	1	4	17.00	-7473.95	-441.84	75.49	0.00	16.59	14.55	186.13
0.17	38	SLE R	1	4	17.00	-7847.01	-457.09	-556.83	5.15	11.44	27.73	312.54
0.17	36	SLE Q	1	4	17.00	-7473.95	-441.84	75.49	0.00	16.59	14.55	186.13
3.06	42	SLE R	1	4	305.50	-7886.19	6057.69	254.42	10.30	6.28	139.54	2879.88
3.06	36	SLE Q	1	4	305.50	-6842.86	5181.54	-15.52	10.30	6.28	111.78	2381.81

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>
3.06	36	SLE Q	1	4	305.50	-6842.86	-15.52	5181.54	34.00	162.00	0.50	20.00	127.01	6.28	185.38	2381.81	0.96	0.21
3.06	35	SLE F	1	4	305.50	-7016.80	76.35	5334.50	34.00	162.00	0.50	20.00	125.69	6.28	181.23	2476.20	0.91	0.19

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	ø8/12	2	237	SLU	0.25	0.31	2937.41	1.00	9028.12	30475.30	9028.12	0.35	0.21	522.09	1.00	6077.75	28722.50	6077.75	3.074	
0.17	0.65	ø8/12	2	241	SLU	0.25	0.31	3409.24	1.00	9028.12	30847.80	9028.12	0.35	0.21	281.42	1.00	6077.75	29073.60	6077.75	2.648	
0.17	0.65	ø8/12	2	221	SLV	0.25	0.31	1701.26	1.00	9028.12	29795.80	9028.12	0.35	0.21	1507.66	1.00	6077.75	28082.00	6077.75	4.031	
0.17	0.65	ø8/12	2	213	SLV	0.25	0.31	2613.99	1.00	9028.12	29888.70	9028.12	0.35	0.21	482.96	1.00	6077.75	28169.60	6077.75	3.454	
0.65	2.57	ø8/18	2	237	SLU	0.25	0.31	2937.41	1.00	6018.75	30448.40	6018.75	0.35	0.21	522.09	1.00	4051.84	28697.20	4051.84	2.049	
0.65	2.57	ø8/18	2	241	SLU	0.25	0.31	3409.24	1.00	6018.75	30816.80	6018.75	0.35	0.21	281.42	1.00	4051.84	29044.30	4051.84	1.765	
0.65	2.57	ø8/18	2	221	SLV	0.25	0.31	1701.26	1.00	6018.75	29775.10	6018.75	0.35	0.21	1507.66	1.00	4051.84	28062.50	4051.84	2.688	
0.65	2.57	ø8/18	2	213	SLV	0.25	0.31	2613.99	1.00	6018.75	29868.00	6018.75	0.35	0.21	482.96	1.00	4051.84	28150.10	4051.84	2.303	
2.57	3.06	ø8/12	2	237	SLV	0.25	0.31	2937.41	1.00	9028.12	30340.90	9028.12	0.35	0.21	522.09	1.00	6077.75	28595.80	6077.75	3.074	
2.57	3.06	ø8/12	2	241	SLU	0.25	0.31	3409.24	1.00	9028.12	30692.70	9028.12	0.35	0.21	281.42	1.00	6077.75	28927.30	6077.75	2.648	
2.57	3.06	ø8/12	2	221	SLV	0.25	0.31	1701.26	1.00	9028.12	29692.30	9028.12	0.35	0.21	1507.66	1.00	6077.75	27984.50	6077.75	4.031	
2.57	3.06	ø8/12	2	213	SLV	0.25	0.31	2613.99	1.00	9028.12	29785.20	9028.12	0.35	0.21	482.96	1.00	6077.75	28072.10	6077.75	3.454	

Dettagli costruttivi per la duttilità

- CC=15 Da=0.17 A=0.65083 Dir. Y α_s=0.23253 ω_{Rd}=0.17192 μΦ_d=16.2415 v_d=5.525 E_{sy,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=18.289 0.03998 >= 0.03158 [7.4.29]
- CC=15 Da=0.17 A=0.65083 Dir. Z α_s=0.23253 ω_{Rd}=0.17192 μΦ_d=16.2415 v_d=5.525 E_{sy,d}=0.0018995 b_c/b₀=1.19863 μΦ_c=19.8675

0.03998 >= 0.02629 [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	7.63	12.19	0.25	0.26	0.27	13.57
			Z+	I	2	4.02	4.02	0.35	0.16	0.17	9.05
			Z-	I	2	4.02	4.02	0.35	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	32859.70	0.00	4.60	44694.00	1860250.00	792636.00	50537.70	53106.60
		25	SLV	0.00	32859.70	0.00	4.41	44694.00	1860250.00	792636.00	50614.40	53106.60
	Z+	1	SLV	0.00	34617.60	0.00	4.60	47661.90	2906150.00	602115.00	34617.60	35404.40
	Z-	1	SLV	0.00	34617.60	0.00	4.60	47661.90	2906150.00	602115.00	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>	Cls	Fck <daN/cm²>	Fctk <daN/cm²>	Fcd <daN/cm²>	Fctd <daN/cm²>	Tp	Fyk <daN/cm²>	Fyd <daN/cm²>
	4R	35.00	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 _r	Sic.
0.17	1(e)	SLV	1	4	17.00	-7627.41	-2334.33	-2334.33	-136.71	152.55	-7627.41	-6412.82	405.04	178.94	8.59	2.747
0.17	1(e)	SLV	1	4	17.00	-7627.41	-2334.33	-2334.33	-136.71	152.55	-7627.41	-6412.82	405.04	178.94	8.59	2.747
3.06	41	SLU	1	4	305.50	-12126.30	401.58	401.58	9233.02	9233.02	-12126.30	463.08	10234.60	84.38	7.03	1.109

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>
0.17	38	SLE R	1	4	17.00	-8116.70	-254.72	-646.24	8.29	8.29	26.48	295.83
0.17	36	SLE Q	1	4	17.00	-7540.17	-243.59	-18.37	0.00	16.59	10.58	143.57
0.17	38	SLE R	1	4	17.00	-8116.70	-254.72	-646.24	8.29	8.29	26.48	295.83
0.17	36	SLE Q	1	4	17.00	-7540.17	-243.59	-18.37	0.00	16.59	10.58	143.57
3.06	42	SLE R	1	4	305.50	-8084.18	6155.34	267.72	10.30	6.28	142.16	2925.48
3.06	36	SLE Q	1	4	305.50	-6909.07	5248.84	-33.31	10.30	6.28	113.88	2420.62

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	-6909.07	-33.31	5248.84	34.00	162.00	0.50	20.00	126.63	6.28	184.18	2420.62	0.98	0.21
3.06	35	SLE F	1	4	305.50	-7124.89	66.91	5409.06	34.00	162.00	0.50	20.00	125.91	6.28	181.94	2506.29	0.93	0.20

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	ø8/12	2	237	SLU	0.25	0.31	2886.27	1.00	9028.12	30553.70	9028.12	0.35	0.21	583.98	1.00	6077.75	28796.30	6077.75	3.128	
0.17	0.65	ø8/12	2	241	SLU	0.25	0.31	3343.28	1.00	9028.12	30906.30	9028.12	0.35	0.21	347.24	1.00	6077.75	29128.70	6077.75	2.700	
0.17	0.65	ø8/12	2	221	SLV	0.25	0.31	1716.86	1.00	9028.12	29749.20	9028.12	0.35	0.21	1442.57	1.00	6077.75	28038.20	6077.75	4.213	
0.17	0.65	ø8/12	2	213	SLV	0.25	0.31	2483.29	1.00	9028.12	29918.70	9028.12	0.35	0.21	480.95	1.00	6077.75	28197.90	6077.75	3.636	
0.65	2.57	ø8/18	2	237	SLU	0.25	0.31	2886.27	1.00	6018.75	30526.80	6018.75	0.35	0.21	583.98	1.00	4051.84	28771.00	4051.84	2.085	
0.65	2.57	ø8/18	2	241	SLU	0.25	0.31	3343.28	1.00	6018.75	30875.20	6018.75	0.35	0.21	347.24	1.00	4051.84	29099.40	4051.84	1.800	
0.65	2.57	ø8/18	2	221	SLV	0.25	0.31	1716.86	1.00	6018.75	29728.50	6018.75	0.35	0.21	1442.57	1.00	4051.84	28018.70	4051.84	2.809	
0.65	2.57	ø8/18	2	213	SLV	0.25	0.31	2483.29	1.00	6018.75	29898.00	6018.75	0.35	0.21	480.95	1.00	4051.84	28178.40	4051.84	2.424	
2.57	3.06	ø8/12	2	237	SLU	0.25	0.31	2886.27	1.00	9028.12	30419.20	9028.12	0.35	0.21	583.98	1.00	6077.75	28669.60	6077.75	3.128	
2.57	3.06	ø8/12	2	241	SLU	0.25	0.31	3343.28	1.00	9028.12	30751.10	9028.12	0.35	0.21	347.24	1.00	6077.75	28982.40	6077.75	2.700	
2.57	3.06	ø8/12	2	221	SLV	0.25	0.31	1716.86	1.00	9028.12	29645.80	9028.12	0.35	0.21	1442.57	1.00	6077.75	27940.70	6077.75	4.213	
2.57	3.06	ø8/12	2	213	SLV	0.25	0.31	2483.29	1.00	9028.12	29815.30	9028.12	0.35	0.21	480.95	1.00	6077.75	28100.40	6077.75	3.636	

Dettagli costruttivi per la duttilità

- CC=13 Da=0.17 A=0.65083 Dir. Y α_e=0.23253 ω_{rd}=0.17192 μΦ_d=16.2415 v_d=5.591 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=18.0741 0.03998 >= 0.03237 [7.4.29]
- CC=13 Da=0.17 A=0.65083 Dir. Z α_e=0.23253 ω_{rd}=0.17192 μΦ_d=16.2415 v_d=5.591 E_{sy,r,d}=0.0018995 b_c/b₀=1.19863 μΦ_c=19.6341 0.03998 >= 0.02702 [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	7.63	12.19	0.25	0.26	0.27	13.57
			Z+	I	2	4.02	4.02	0.35	0.16	0.17	9.05
			Z-	I	2	4.02	4.02	0.35	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>
403	Y+	1	SLV	0.00	32859.70	0.00	4.86	44694.00	1860250.00	792636.00	50428.60	53106.60
		27	SLV	0.00	32859.70	0.00	4.44	44694.00	1860250.00	792636.00	50603.40	53106.60
	Z+	1	SLV	0.00	34617.60	0.00	4.86	47661.90	2906150.00	602115.00	34617.60	35404.40
	Z-	1	SLV	0.00	34617.60	0.00	4.86	47661.90	2906150.00	602115.00	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		35.00	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	-6661.00	-2318.65	-2318.65	62.98	133.22	-6661.00	-6334.12	408.49	178.94	8.76	2.733
0.17	1(e)	SLV	1	4	17.00	-6661.00	-2318.65	-2318.65	62.98	133.22	-6661.00	-6334.12	408.49	178.94	8.76	2.733
3.06	41	SLU	1	4	305.50	-11204.80	514.54	514.54	8218.23	8218.23	-11204.80	485.79	10133.40	84.38	7.25	1.232

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	-7446.44	-96.22	-623.41	8.29	8.29	22.55	250.06
0.17	36	SLE Q	1	4	17.00	-7009.77	-77.17	-2.44	0.00	16.59	7.40	106.50
0.17	38	SLE R	1	4	17.00	-7446.44	-96.22	-623.41	8.29	8.29	22.55	250.06
0.17	36	SLE Q	1	4	17.00	-7009.77	-77.17	-2.44	0.00	16.59	7.40	106.50
3.06	42	SLE R	1	4	305.50	-7469.90	5478.82	343.03	10.30	6.28	130.56	2627.17
3.06	36	SLE Q	1	4	305.50	-6378.67	4560.36	47.39	10.30	6.28	99.81	2087.26

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	-6378.67	47.39	4560.36	34.00	162.00	0.50	20.00	125.90	6.28	181.89	2087.26	0.82	0.18
3.06	35	SLE F	1	4	305.50	-6566.52	146.14	4724.56	34.00	162.00	0.50	20.00	123.50	6.28	174.35	2201.10	0.79	0.17

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>	<daN>	<cm>	<cm>	<daN>		<daN>	<daN>	<daN>	
0.17	0.65	ø8/12	2	237	SLU	0.25	0.31	2456.29	1.00	9028.12	30355.90	9028.12	0.35	0.21	600.87	1.00	6077.75	28609.90	6077.75	3.676	
0.17	0.65	ø8/12	2	241	SLU	0.25	0.31	2907.47	1.00	9028.12	30725.00	9028.12	0.35	0.21	370.46	1.00	6077.75	28957.80	6077.75	3.105	
0.17	0.65	ø8/12	2	23	SLV	0.25	0.31	1761.91	1.00	9028.12	29696.30	9028.12	0.35	0.21	1454.74	1.00	6077.75	27988.30	6077.75	4.178	
0.17	0.65	ø8/12	2	231	SLV	0.25	0.31	2186.50	1.00	9028.12	29814.20	9028.12	0.35	0.21	464.25	1.00	6077.75	28099.40	6077.75	4.129	
0.65	2.57	ø8/18	2	237	SLU	0.25	0.31	2456.29	1.00	6018.75	30329.00	6018.75	0.35	0.21	600.87	1.00	4051.84	28584.60	4051.84	2.450	
0.65	2.57	ø8/18	2	241	SLU	0.25	0.31	2907.47	1.00	6018.75	30694.00	6018.75	0.35	0.21	370.46	1.00	4051.84	28928.60	4051.84	2.070	
0.65	2.57	ø8/18	2	23	SLV	0.25	0.31	1761.91	1.00	6018.75	29675.70	6018.75	0.35	0.21	1454.74	1.00	4051.84	27968.80	4051.84	2.785	
0.65	2.57	ø8/18	2	231	SLV	0.25	0.31	2186.50	1.00	6018.75	29793.50	6018.75	0.35	0.21	464.25	1.00	4051.84	28079.90	4051.84	2.753	
2.57	3.06	ø8/12	2	237	SLU	0.25	0.31	2456.29	1.00	9028.12	30221.40	9028.12	0.35	0.21	600.87	1.00	6077.75	28483.20	6077.75	3.676	
2.57	3.06	ø8/12	2	241	SLU	0.25	0.31	2907.47	1.00	9028.12	30569.80	9028.12	0.35	0.21	370.46	1.00	6077.75	28811.60	6077.75	3.105	
2.57	3.06	ø8/12	2	23	SLV	0.25	0.31	1761.91	1.00	9028.12	29592.90	9028.12	0.35	0.21	1454.74	1.00	6077.75	27890.80	6077.75	4.178	
2.57	3.06	ø8/12	2	231	SLV	0.25	0.31	2186.50	1.00	9028.12	29710.80	9028.12	0.35	0.21	464.25	1.00	6077.75	28001.90	6077.75	4.129	

Dettagli costruttivi per la duttilità

- CC=31 Da=0.17 A=0.65083 Dir. Y α_e=0.23253 ω_{rd}=0.17192 μΦ_d=16.2415 v_d=5.222 E_{sy,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=19.3509 0.03998 >= 0.02793 [7.4.29]
- CC=31 Da=0.17 A=0.65083 Dir. Z α_e=0.23253 ω_{rd}=0.17192 μΦ_d=16.2415 v_d=5.222 E_{sy,d}=0.0018995 b_c/b₀=1.19863 μΦ_c=21.0211 0.03998 >= 0.02293 [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	7.63	12.19	0.25	0.26	0.27	13.57
			Z+	I	2	4.02	4.02	0.35	0.16	0.17	9.05
			Z-	I	2	4.02	4.02	0.35	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	32859.70	0.00	4.19	44694.00	1860250.00	792636.00	50710.20	53106.60	
		9	SLV	0.00	32859.70	0.00	4.07	44694.00	1860250.00	792636.00	50757.70	53106.60
	Z+	1	SLV	0.00	34617.60	0.00	4.19	47661.90	2906150.00	602115.00	34617.60	35404.40
	Z-	1	SLV	0.00	34617.60	0.00	4.19	47661.90	2906150.00	602115.00	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		35.00	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	SLV	1	4	17.00	-7410.41	-2421.11	-2421.11	-220.88	-220.88	-7410.41	-6414.00	-552.14	181.41	8.57	2.648
0.17	1	SLV	1	4	17.00	-7410.41	-2421.11	-2421.11	-220.88	-220.88	-7410.41	-6414.00	-552.14	181.41	8.57	2.648
3.06	41	SLU	1	4	305.50	-11989.40	460.71	460.71	9088.06	9088.06	-11989.40	466.08	10220.00	84.38	7.06	1.124

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	-8036.68	-519.02	-705.98	5.15	11.44	33.86	369.61
0.17	36	SLE Q	1	4	17.00	-7456.52	-475.19	-57.55	0.00	16.59	14.67	187.93
0.17	38	SLE R	1	4	17.00	-8036.68	-519.02	-705.98	5.15	11.44	33.86	369.61
0.17	36	SLE Q	1	4	17.00	-7456.52	-475.19	-57.55	0.00	16.59	14.67	187.93
3.06	42	SLE R	1	4	305.50	-7992.96	6058.71	307.14	10.30	6.28	141.58	2893.97
3.06	36	SLE Q	1	4	305.50	-6825.43	5148.20	2.78	10.30	6.28	110.59	2360.21

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	-6825.43	2.78	5148.20	34.00	162.00	0.50	20.00	127.28	6.28	186.25	2360.21	0.95	0.21
3.06	35	SLE F	1	4	305.50	-7040.79	102.43	5312.64	34.00	162.00	0.50	20.00	125.07	6.28	179.30	2472.70	0.91	0.19

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>	VRod _y <daN>	Vrd _y <daN>	b _{w,z} <m>	d _z <m>	Vsdu _z <daN>	ctgθ _z	VRsd _z <daN>	VRod _z <daN>	Vrd _z <daN>	Sic.
0.17	0.65	ø8/12	2	2	37	SLU	0.25	0.31	2982.16	1.00	9028.12	30531.30	9028.12	0.35	0.21	625.88	1.00	6077.75	28775.30	6077.75	3.027
0.17	0.65	ø8/12	2	2	41	SLU	0.25	0.31	3435.99	1.00	9028.12	30879.40	9028.12	0.35	0.21	400.51	1.00	6077.75	29103.30	6077.75	2.628
0.17	0.65	ø8/12	2	2	1	SLV	0.25	0.31	1701.72	1.00	9028.12	29792.40	9028.12	0.35	0.21	1495.60	1.00	6077.75	28078.80	6077.75	4.064
0.17	0.65	ø8/12	2	2	31	SLV	0.25	0.31	2612.45	1.00	9028.12	29885.10	9028.12	0.35	0.21	488.84	1.00	6077.75	28166.30	6077.75	3.456
0.65	2.57	ø8/18	2	2	37	SLU	0.25	0.31	2982.16	1.00	6018.75	30504.40	6018.75	0.35	0.21	625.88	1.00	4051.84	28749.90	4051.84	2.018
0.65	2.57	ø8/18	2	2	41	SLU	0.25	0.31	3435.99	1.00	6018.75	30848.30	6018.75	0.35	0.21	400.51	1.00	4051.84	29074.00	4051.84	1.752
0.65	2.57	ø8/18	2	2	1	SLV	0.25	0.31	1701.72	1.00	6018.75	29771.70	6018.75	0.35	0.21	1495.60	1.00	4051.84	28059.30	4051.84	2.709
0.65	2.57	ø8/18	2	2	31	SLV	0.25	0.31	2612.45	1.00	6018.75	29864.50	6018.75	0.35	0.21	488.84	1.00	4051.84	28146.80	4051.84	2.304
2.57	3.06	ø8/12	2	2	37	SLU	0.25	0.31	2982.16	1.00	9028.12	30396.80	9028.12	0.35	0.21	625.88	1.00	6077.75	28648.50	6077.75	3.027
2.57	3.06	ø8/12	2	2	41	SLU	0.25	0.31	3435.99	1.00	9028.12	30724.20	9028.12	0.35	0.21	400.51	1.00	6077.75	28957.00	6077.75	2.628
2.57	3.06	ø8/12	2	2	1	SLV	0.25	0.31	1701.72	1.00	9028.12	29688.90	9028.12	0.35	0.21	1495.60	1.00	6077.75	27981.30	6077.75	4.064
2.57	3.06	ø8/12	2	2	31	SLV	0.25	0.31	2612.45	1.00	9028.12	29781.70	9028.12	0.35	0.21	488.84	1.00	6077.75	28068.80	6077.75	3.456

Dettagli costruttivi per la duttilità

- CC=29 Da=0.17 A=0.65083 Dir. Y α_s=0.23253 ω_{rd}=0.17192 μΦ_d=16.2415 v_d=5.512 E_{sy,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=18.3305 0.03998 >= 0.03143 [7.4.29]
- CC=29 Da=0.17 A=0.65083 Dir. Z α_s=0.23253 ω_{rd}=0.17192 μΦ_d=16.2415 v_d=5.512 E_{sy,d}=0.0018995 b_c/b₀=1.19863 μΦ_c=19.9126 0.03998 >= 0.02615 [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	7.63	12.19	0.25	0.26	0.27	13.57
			Z+	I	2	4.02	4.02	0.35	0.16	0.17	9.05
			Z-	I	2	4.02	4.02	0.35	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	32859.70	0.00	4.71	44694.00	1860250.00	792636.00	50491.80	53106.60	
	11	SLV	0.00	32859.70	0.00	4.40	44694.00	1860250.00	792636.00	50619.30	53106.60	
	Z+	1	SLV	0.00	34617.60	0.00	4.71	47661.90	2906150.00	602115.00	34617.60	35404.40
	Z-	1	SLV	0.00	34617.60	0.00	4.71	47661.90	2906150.00	602115.00	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		35.00	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	31	SLV	1	4	17.00	-4712.15	438.24	438.24	-2687.41	-2687.41	-4712.15	1145.75	-6977.76	286.88	6.99	2.597
0.17	31	SLV	1	4	17.00	-4712.15	438.24	438.24	-2687.41	-2687.41	-4712.15	1145.75	-6977.76	286.88	6.99	2.597
3.06	41	SLU	1	4	305.50	-6577.38	661.78	661.78	4804.22	4804.22	-6577.38	936.91	7280.07	75.94	7.00	1.514

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	-4732.53	-715.68	-778.21	8.04	4.02	48.14	657.56
0.17	36	SLE Q	1	4	17.00	-4346.66	-634.86	-184.94	6.03	6.03	23.14	258.92
0.17	38	SLE R	1	4	17.00	-4732.53	-715.68	-778.21	8.04	4.02	48.14	657.56
0.17	36	SLE Q	1	4	17.00	-4346.66	-634.86	-184.94	6.03	6.03	23.14	258.92
3.06	42	SLE R	1	4	305.50	-4384.92	3202.81	441.19	8.04	4.02	103.57	2298.43
3.06	36	SLE Q	1	4	305.50	-3715.57	2693.95	266.35	8.04	4.02	82.50	1879.23

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	-4346.66	-184.94	-634.86	34.00	166.00	0.50	16.00	110.71	2.01	53.67	224.79	0.07	0.01
0.17	35	SLE F	1	4	17.00	-4476.90	-304.07	-657.55	34.00	166.00	0.50	16.00	107.67	2.01	49.85	293.87	0.09	0.02
0.17	36	SLE Q	1	4	17.00	-4346.66	-184.94	-634.86	34.00	166.00	0.50	16.00	110.71	2.01	53.67	224.79	0.07	0.01
0.17	35	SLE F	1	4	17.00	-4476.90	-304.07	-657.55	34.00	166.00	0.50	16.00	107.67	2.01	49.85	293.87	0.09	0.02
3.06	36	SLE Q	1	4	305.50	-3715.57	266.35	2693.95	34.00	166.00	0.50	16.00	132.56	4.02	162.27	1879.23	0.66	0.15
3.06	35	SLE F	1	4	305.50	-3845.81	320.39	2789.00	34.00	166.00	0.50	16.00	130.47	4.02	157.00	1967.40	0.58	0.13

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	ø8/12	2	2	37	SLU	0.25	0.31	1766.50	1.00	9028.12	29613.00	9028.12	0.35	0.21	1173.18	1.00	6077.75	27909.80	6077.75	5.111
0.17	0.65	ø8/12	2	2	41	SLU	0.25	0.31	2048.56	1.00	9028.12	29814.70	9028.12	0.35	0.21	824.25	1.00	6077.75	28099.90	6077.75	4.407
0.17	0.65	ø8/12	2	2	1	SLV	0.25	0.31	608.46	1.00	9028.12	29245.00	9028.12	0.35	0.21	1095.04	1.00	6077.75	27562.90	6077.75	5.550
0.17	0.65	ø8/12	2	2	31	SLV	0.25	0.31	2417.59	1.00	9028.12	29261.60	9028.12	0.35	0.21	194.30	1.00	6077.75	27578.60	6077.75	3.734
0.65	2.57	ø8/18	2	2	37	SLU	0.25	0.31	1766.50	1.00	6018.75	29586.10	6018.75	0.35	0.21	1000.08	1.00	4051.84	27884.50	4051.84	3.407
0.65	2.57	ø8/18	2	2	41	SLU	0.25	0.31	2048.56	1.00	6018.75	29783.70	6018.75	0.35	0.21	720.39	1.00	4051.84	28070.60	4051.84	2.938
0.65	2.57	ø8/18	2	2	1	SLV	0.25	0.31	608.46	1.00	6018.75	29224.30	6018.75	0.35	0.21	1095.04	1.00	4051.84	27543.40	4051.84	3.700
0.65	2.57	ø8/18	2	2	31	SLV	0.25	0.31	2417.59	1.00	6018.75	29240.90	6018.75	0.35	0.21	194.30	1.00	4051.84	27559.10	4051.84	2.490
2.57	3.06	ø8/12	2	2	37	SLU	0.25	0.31	1766.50	1.00	9028.12	29478.50	9028.12	0.35	0.21	307.68	1.00	6077.75	27783.00	6077.75	5.111
2.57	3.06	ø8/12	2	2	41	SLU	0.25	0.31	2048.56	1.00	9028.12	29659.50	9028.12	0.35	0.21	304.95	1.00	6077.75	27953.60	6077.75	4.407
2.57	3.06	ø8/12	2	2	1	SLV	0.25	0.31	608.46	1.00	9028.12	29141.50	9028.12	0.35	0.21	1095.04	1.00	6077.75	27465.40	6077.75	5.550
2.57	3.06	ø8/12	2	2	31	SLV	0.25	0.31	2417.59	1.00	9028.12	29158.10	9028.12	0.35	0.21	194.30	1.00	6077.75	27481.10	6077.75	3.734

Dettagli costruttivi per la duttilità

- CC=29 Da=0.17 A=0.65083 Dir. Y $\alpha_b=0.22131$ $\omega_{Rd}=0.17192$ $\mu\Phi_d=16.2415$ $v_d=3.452$ $E_{s\gamma,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=28.5193$ 0.03805 >= 0.0066 [7.4.29]
- CC=29 Da=0.17 A=0.65083 Dir. Z $\alpha_b=0.22131$ $\omega_{Rd}=0.17192$ $\mu\Phi_d=16.2415$ $v_d=3.452$ $E_{s\gamma,d}=0.0018995$ $b_c/b_0=1.19863$ $\mu\Phi_c=30.9808$ 0.03805 >= 0.00329 [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/ 7	Y+	E	2	4.02	5.09	0.25	0.26	0.27	7.85
			Z+	E	2	4.02	4.02	0.35	0.16	0.17	4.71

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	17308.80	0.00	2.77	46090.70	387564.00	458701.00	---	---	---
	Z+	1	SLV	0.00	17308.80	0.00	2.77	40084.90	555012.00	313602.00	16924.60	18439.80
		11	SLV	0.00	17308.80	0.00	2.15	40084.90	555012.00	313602.00	17011.70	18439.80

Pilastrata n. 7

Nodi: 7 107

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		35.00	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 _f	Sic.
0.17	27	SLV	1	4	17.00	-5821.61	282.61	282.61	4205.94	4205.94	-5821.61	429.43	7288.34	84.38	9.04	1.732
0.17	27	SLV	1	4	17.00	-5821.61	282.61	282.61	4205.94	4205.94	-5821.61	429.43	7288.34	84.38	9.04	1.732
3.06	27	SLV	1	4	305.50	-5190.51	-639.83	-639.83	-4770.77	-4770.77	-5190.51	-964.45	-7116.39	255.94	7.31	1.492

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	-5867.19	1282.71	-168.35	8.04	4.02	40.46	568.46
0.17	36	SLE Q	1	4	17.00	-5480.98	1106.04	66.24	8.04	4.02	31.83	425.11
0.17	38	SLE R	1	4	17.00	-5867.19	1282.71	-168.35	8.04	4.02	40.46	568.46
0.17	36	SLE Q	1	4	17.00	-5480.98	1106.04	66.24	8.04	4.02	31.83	425.11
3.06	42	SLE R	1	4	305.50	-5886.96	-2907.05	-522.56	8.04	4.02	99.10	1976.44
3.06	36	SLE Q	1	4	305.50	-4849.89	-2467.39	-401.68	8.04	4.02	82.36	1669.58

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>
0.17	36	SLE Q	1	4	17.00	-5480.98	66.24	1106.04	34.00	166.00	0.50	16.00	121.55	4.02	134.60	425.11	0.12	0.03
0.17	35	SLE F	1	4	17.00	-5655.84	20.06	1154.10	34.00	166.00	0.50	16.00	128.18	4.02	151.25	429.12	0.12	0.03
0.17	36	SLE Q	1	4	17.00	-5480.98	66.24	1106.04	34.00	166.00	0.50	16.00	121.55	4.02	134.60	425.11	0.12	0.03
0.17	35	SLE F	1	4	17.00	-5655.84	20.06	1154.10	34.00	166.00	0.50	16.00	128.18	4.02	151.25	429.12	0.12	0.03
3.06	36	SLE Q	1	4	305.50	-4849.89	-401.68	-2467.39	34.00	166.00	0.50	16.00	175.47	2.01	135.04	1669.58	0.49	0.15
3.06	35	SLE F	1	4	305.50	-5024.75	-412.75	-2552.67	34.00	166.00	0.50	16.00	175.73	2.01	135.38	1725.24	0.50	0.15

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	ø8/12	2	2	37	SLU	0.25	0.31	1935.39	1.00	9028.12	29921.40	9028.12	0.35	0.21	950.52	1.00	6077.75	28200.40	6077.75	4.665
0.17	0.65	ø8/12	2	2	41	SLU	0.25	0.31	2196.24	1.00	9028.12	30257.90	9028.12	0.35	0.21	387.04	1.00	6077.75	28517.60	6077.75	4.111
0.17	0.65	ø8/12	2	2	21	SLV	0.25	0.31	1984.65	1.00	9028.12	29535.80	9028.12	0.35	0.21	628.94	1.00	6077.75	27837.00	6077.75	4.549
0.17	0.65	ø8/12	2	2	27	SLV	0.25	0.31	3111.51	1.00	9028.12	29479.80	9028.12	0.35	0.21	319.73	1.00	6077.75	27784.30	6077.75	2.902
0.65	2.57	ø8/18	2	2	37	SLV	0.25	0.31	1935.39	1.00	6018.75	29894.50	6018.75	0.35	0.21	780.48	1.00	4051.84	28175.00	4051.84	3.110
0.65	2.57	ø8/18	2	2	41	SLV	0.25	0.31	2196.24	1.00	6018.75	30226.90	6018.75	0.35	0.21	651.56	1.00	4051.84	28488.40	4051.84	2.740
0.65	2.57	ø8/18	2	2	21	SLV	0.25	0.31	1984.65	1.00	6018.75	29515.10	6018.75	0.35	0.21	628.94	1.00	4051.84	27817.50	4051.84	3.033
0.65	2.57	ø8/18	2	2	27	SLV	0.25	0.31	3111.51	1.00	6018.75	29459.10	6018.75	0.35	0.21	319.73	1.00	4051.84	27764.80	4051.84	1.934
2.57	3.06	ø8/12	2	2	37	SLU	0.25	0.31	1935.39	1.00	9028.12	29786.90	9028.12	0.35	0.21	1126.68	1.00	6077.75	28073.60	6077.75	4.665
2.57	3.06	ø8/12	2	2	41	SLU	0.25	0.31	2196.24	1.00	9028.12	30102.80	9028.12	0.35	0.21	859.28	1.00	6077.75	28371.40	6077.75	4.111
2.57	3.06	ø8/12	2	2	21	SLV	0.25	0.31	1984.65	1.00	9028.12	29432.30	9028.12	0.35	0.21	628.94	1.00	6077.75	27739.50	6077.75	4.549
2.57	3.06	ø8/12	2	2	27	SLV	0.25	0.31	3111.51	1.00	9028.12	29376.40	9028.12	0.35	0.21	319.73	1.00	6077.75	27686.80	6077.75	2.902

Dettagli costruttivi per la duttilità

- CC=21 Da=0.17 A=0.65083 Dir. Y $\alpha_s=0.22131$ $\omega_{rd}=0.17192$ $\mu\Phi_d=16.2415$ $v_d=4.239$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=23.2233$ 0.03805 >= 0.01609 [7.4.29]
- CC=21 Da=0.17 A=0.65083 Dir. Z $\alpha_s=0.22131$ $\omega_{rd}=0.17192$ $\mu\Phi_d=16.2415$ $v_d=4.239$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.19863$ $\mu\Phi_c=25.2277$ 0.03805 >= 0.01203 [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>
107	N	ø10/ 4	Y+	I	2	4.02	5.09	0.25	0.26	0.17	11.00
			Y-	I	2	5.56	4.02	0.25	0.26	0.27	14.14
			Z-	E	2	4.01	4.01	0.35	0.16	0.17	11.00

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>
107	Y+	1	SLV	0.00	39215.30	0.00	3.00	57613.40	2536180.00	1024430.00	39215.30	43026.20
	Y-	1	SLV	0.00	41243.70	0.00	3.00	57613.40	2819370.00	825662.00	41243.70	55319.40
	Z-	1	SLV	0.00	17266.50	0.00	3.00	40085.00	551655.00	731737.00	---	---

Pilastrata n.8 9

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>
4	R	35.00	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	-10135.20	-166.22	-202.70	844.43	844.43	-93625.70	-2163.64	9071.13	115.31	5.16	9.238
0.00	9(e)	SLV	1	4	0.00	-10135.20	-166.22	-202.70	844.43	844.43	-93625.70	-2163.64	9071.13	115.31	5.16	9.238
3.06	41	SLU	1	4	305.50	-16270.00	370.56	370.56	-9334.88	-9334.88	-16270.00	399.19	-10639.80	275.62	6.25	1.140
3.40	21	SLV	2	4	17.50	-1391.38	-1125.49	-1125.49	508.96	508.96	-1391.38	-5820.14	2523.00	170.16	6.74	5.136
3.40	21	SLV	2	4	17.50	-1391.38	-1125.49	-1125.49	508.96	508.96	-1391.38	-4413.69	2086.39	170.16	7.80	3.952
3.65	23	SLV	2	4	42.06	-1339.27	-781.00	-781.00	210.55	210.55	-1339.27	-4486.41	1229.84	175.08	9.47	5.751

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 _s <daN/cmq>	σ _f <daN/cmq>
0.00	42	SLE R	1	4	0.00	-11514.90	523.51	-100.21	0.00	16.59	19.79	257.85
0.00	38	SLE R	1	4	0.00	-10521.80	486.53	-163.41	0.00	16.59	19.65	251.04
0.00	36	SLE Q	1	4	0.00	-9634.43	450.96	-1.64	0.00	16.59	15.09	201.75
0.00	42	SLE R	1	4	0.00	-11514.90	523.51	-100.21	0.00	16.59	19.79	257.85
0.00	38	SLE R	1	4	0.00	-10521.80	486.53	-163.41	0.00	16.59	19.65	251.04
0.00	36	SLE Q	1	4	0.00	-9634.43	450.96	-1.64	0.00	16.59	15.09	201.75
3.06	42	SLE R	1	4	305.50	-10846.60	-6223.26	247.04	10.30	6.28	143.88	2787.14
3.06	36	SLE Q	1	4	305.50	-8966.15	-5386.33	8.04	10.30	6.28	116.72	2361.91
3.40	38	SLE R	2	4	17.50	-1999.34	445.82	297.02	11.44	5.15	19.84	253.74
3.40	36	SLE Q	2	4	17.50	-1616.42	418.10	-32.45	10.30	6.28	10.46	141.69
3.40	38	SLE R	2	4	17.50	-1999.34	445.82	297.02	8.04	4.02	23.38	338.18
3.40	36	SLE Q	2	4	17.50	-1616.42	418.10	-32.45	8.04	4.02	12.38	198.89
3.65	38	SLE R	2	4	42.06	-1945.62	272.64	95.02	6.03	6.03	10.46	116.71
3.65	36	SLE Q	2	4	42.06	-1562.70	244.37	-101.77	6.03	6.03	10.09	109.89

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	-8966.15	8.04	-5386.33	34.00	162.00	0.50	20.00	126.13	6.28	182.63	2361.91	0.95	0.20
3.06	35	SLE F	1	4	305.50	-9307.03	85.35	-5536.64	34.00	162.00	0.50	20.00	124.42	6.28	177.26	2450.55	0.90	0.19
3.40	36	SLE Q	2	4	17.50	-1616.42	-32.45	418.10	34.00	162.00	0.50	20.00	150.10	3.14	128.97	141.69	0.04	0.01
3.40	43	SLE F	2	4	17.50	-1616.42	-32.45	418.10	34.00	162.00	0.50	20.00	150.10	3.14	128.97	141.69	0.04	0.01
3.40	36	SLE Q	2	4	17.50	-1616.42	-32.45	418.10	34.00	166.00	0.50	16.00	124.61	4.02	142.27	198.89	0.06	0.01
3.40	43	SLE F	2	4	17.50	-1616.42	-32.45	418.10	34.00	166.00	0.50	16.00	124.61	4.02	142.27	198.89	0.06	0.01
3.65	36	SLE Q	2	4	42.06	-1562.70	-101.77	244.37	34.00	166.00	0.50	16.00	110.12	2.01	52.93	109.89	0.03	0.01
3.65	43	SLE F	2	4	42.06	-1562.70	-101.77	244.37	34.00	166.00	0.50	16.00	110.12	2.01	52.93	109.89	0.03	0.01

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 _{0,y}	VRsd _{y,z} <daN>	VRcd _{y,z} <daN>	Vrd _{y,z} <daN>	bw _{z,z} <m>	d _{z,z} <m>	Vsdu _{z,z} <daN>	ctgθ _{0,z}	VRsd _{z,z} <daN>	VRcd _{z,z} <daN>	Vrd _{z,z} <daN>	Sic.
0.00	0.51	ø8/10	2	237	SLU	0.25	0.31	2897.74	1.00	10833.70	31233.00	10833.70	0.35	0.21	268.66	1.00	7293.30	29436.60	7293.30	3.739	
0.00	0.51	ø8/10	2	241	SLU	0.25	0.31	3312.65	1.00	10833.70	31732.40	10833.70	0.35	0.21	170.50	1.00	7293.30	29907.20	7293.30	3.270	
0.00	0.51	ø8/10	2	23	SLV	0.25	0.31	1767.68	1.00	10833.70	30246.30	10833.70	0.35	0.21	576.46	1.00	7293.30	28506.70	7293.30	6.129	
0.00	0.51	ø8/10	2	227	SLV	0.25	0.31	2345.42	1.00	10833.70	30303.00	10833.70	0.35	0.21	179.36	1.00	7293.30	28560.00	7293.30	4.619	
0.51	2.55	ø8/18	2	237	SLU	0.25	0.31	2897.74	1.00	6018.75	31204.50	6018.75	0.35	0.21	268.66	1.00	4051.84	29409.80	4051.84	2.077	
0.51	2.55	ø8/18	2	241	SLU	0.25	0.31	3312.65	1.00	6018.75	31699.50	6018.75	0.35	0.21	170.50	1.00	4051.84	29876.30	4051.84	1.817	
0.51	2.55	ø8/18	2	23	SLV	0.25	0.31	1767.68	1.00	6018.75	30224.40	6018.75	0.35	0.21	576.46	1.00	4051.84	28486.00	4051.84	3.405	
0.51	2.55	ø8/18	2	227	SLU	0.25	0.31	2345.42	1.00	6018.75	30281.00	6018.75	0.35	0.21	179.36	1.00	4051.84	28539.40	4051.84	2.566	
2.55	3.06	ø8/12	2	237	SLU	0.25	0.31	2897.74	1.00	9028.12	31090.60	9028.12	0.35	0.21	268.66	1.00	6077.75	29302.40	6077.75	3.116	
2.55	3.06	ø8/12	2	241	SLU	0.25	0.31	3312.65	1.00	9028.12	31568.00	9028.12	0.35	0.21	170.50	1.00	6077.75	29752.40	6077.75	2.725	
2.55	3.06	ø8/12	2	23	SLV	0.25	0.31	1767.68	1.00	9028.12	30136.80	9028.12	0.35	0.21	576.46	1.00	6077.75	28403.40	6077.75	5.107	
2.55	3.06	ø8/12	2	227	SLV	0.25	0.31	2345.42	1.00	9028.12	30193.40	9028.12	0.35	0.21	179.36	1.00	6077.75	28456.80	6077.75	3.849	
3.40	3.65	ø8/12	2	237	SLU	0.25	0.31	1016.47	1.00	9028.12	28874.40	9028.12	0.35	0.21	1128.55	1.00	6077.75	27213.70	6077.75	5.385	
3.40	3.65	ø8/12	2	241	SLU	0.25	0.31	1093.11	1.00	9028.12	29033.10	9028.12	0.35	0.21	1091.03	1.00	6077.75	27363.20	6077.75	5.571	
3.40	3.65	ø8/12	2	23	SLV	0.25	0.31	459.28	1.00	9028.12	28696.90	9028.12	0.35	0.21	1985.66	1.00	6077.75	27046.30	6077.75	3.061	
3.40	3.65	ø8/12	2	29	SLV	0.25	0.31	1615.53	1.00	9028.12	28666.00	9028.12	0.35	0.21	791.69	1.00	6077.75	27017.30	6077.75	5.588	

Dettagli costruttivi per la duttilità

- CC=9 Da=0 A=0.50917 Dir. Y $\alpha_e=0.26093$ $\omega_{\text{rd}}=0.2063$ $\mu\Phi_d=16.2415$ $v_d=7.036$ $E_{syr,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=17.014$ 0.05383 >= 0.0498 [7.4.29]
- CC=9 Da=0 A=0.50917 Dir. Z $\alpha_e=0.26093$ $\omega_{\text{rd}}=0.2063$ $\mu\Phi_d=16.2415$ $v_d=7.036$ $E_{syr,d}=0.0018995$ $b_c/b_0=1.19863$ $\mu\Phi_c=18.4825$ 0.05383 >= 0.04306 [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	8.64	12.19	0.25	0.26	0.27	13.57
409N		ø12/ 6	Y+	E	2	4.02	4.02	0.25	0.26	0.17	9.05
			Z+	I	2	4.01	4.01	0.35	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.35	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>
-15Y-	3	SLV		-1615.53	35571.40	1.28	6.28	44015.40	1882220.00	792636.00	49830.20	53106.60
	31	SLV		-1615.53	35571.40	1.07	5.88	44124.20	1927250.00	792636.00	50000.50	53106.60
409Y+	1	SLV		0.00	17308.80	0.00	1.24	45392.40	403681.00	842962.00	---	---
	Z+	1	SLV	0.00	34533.00	0.00	1.24	48884.10	2742020.00	602115.00	34533.00	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	1.24	48884.10	2742020.00	602115.00	34533.00	35404.40

Pilastrata n. 10 11

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		35.00	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.
0.001		SLV	1	4	0.00	-8197.09	-517.22	-517.22	514.11	514.11	-8197.09	-4245.83	4313.21	150.47	4.80	8.299
0.001		SLV	1	4	0.00	-8197.09	-517.22	-517.22	514.11	514.11	-8197.09	-4245.83	4313.21	150.47	4.80	8.299
3.0641 (e)		SLU	1	4	305.50	-14110.50	247.11	-282.21	-8040.68	-8040.68	-14110.50	-348.78	-8216.61	264.38	6.96	1.022
3.403		SLV	2	4	17.50	-1577.24	1131.51	1131.51	-54.93	-54.93	-1577.24	4491.33	-216.33	359.12	11.33	3.969
3.403		SLV	2	4	17.50	-1577.24	1131.51	1131.51	-54.93	-54.93	-1577.24	4491.33	-216.33	359.12	11.33	3.969
3.653 (e)		SLV	2	4	42.06	-1523.53	857.66	857.66	-3.84	-30.47	-1523.53	4483.78	-126.91	359.30	11.45	5.227

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>
0.0042	SLE	R	1	4	0.00	-10075.30	449.28	-88.63	0.00	12.06	18.55	243.13
0.0038	SLE	R	1	4	0.00	-9024.83	408.71	-154.33	0.00	12.06	18.35	235.12
0.0036	SLE	Q	1	4	0.00	-8280.67	382.08	5.79	0.00	12.06	14.01	187.75
0.0042	SLE	R	1	4	0.00	-10075.30	449.28	-88.63	0.00	12.06	18.55	243.13
0.0038	SLE	R	1	4	0.00	-9024.83	408.71	-154.33	0.00	12.06	18.35	235.12
0.0036	SLE	Q	1	4	0.00	-8280.67	382.08	5.79	0.00	12.06	14.01	187.75
3.0642	SLE	R	1	4	305.50	-9407.02	-5360.45	164.74	8.04	4.02	148.24	3389.93
3.0636	SLE	Q	1	4	305.50	-7612.39	-4542.85	-44.74	8.04	4.02	121.35	2861.37
3.4038	SLE	R	2	4	17.50	-2046.63	88.72	375.85	6.03	6.03	15.84	221.26
3.4036	SLE	Q	2	4	17.50	-1800.77	49.48	37.82	0.00	12.06	3.30	42.61
3.4038	SLE	R	2	4	17.50	-2046.63	88.72	375.85	6.03	6.03	15.84	221.26
3.4036	SLE	Q	2	4	17.50	-1800.77	49.48	37.82	0.00	12.06	3.30	42.61
3.6538	SLE	R	2	4	42.06	-1992.91	62.15	414.91	6.03	6.03	16.45	250.49
3.6536	SLE	Q	2	4	42.06	-1747.05	30.01	178.12	6.03	6.03	7.07	75.60

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>
3.0636	SLE	Q	1	4	305.50	-7612.39	-44.74	-4542.85	34.00	166.00	0.50	16.00	143.25	4.02	189.14	2861.37	1.10	0.27
3.0635	SLE	F	1	4	305.50	-7924.63	27.50	-4686.71	34.00	166.00	0.50	16.00	143.73	4.02	190.34	2937.48	0.98	0.24
3.6539	SLE	F	2	4	42.06	-1733.09	221.03	30.37	34.00	133.00	0.50	16.00	159.71	2.01	115.25	86.45	0.03	0.01

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,z} <m>	d _{z,z} <m>	Vsdu _{z,z} <daN>	ctgθ _{z,z}	VRsd _{z,z} <daN>	VRcd _{z,z} <daN>	Vrd _{z,z} <daN>	Sic.
0.00	0.51	ø8/10	2	237	SLU	0.25	0.31	2429.54	1.00	10833.70	30791.30	10833.70	0.35	0.21	236.58	1.00	7293.30	29020.30	7293.30	4.459	
0.00	0.51	ø8/10	2	241	SLU	0.25	0.31	2852.57	1.00	10833.70	31307.60	10833.70	0.35	0.21	124.40	1.00	7293.30	29506.90	7293.30	3.798	
0.00	0.51	ø8/10	2	223	SLV	0.25	0.31	1469.20	1.00	10833.70	29980.00	10833.70	0.35	0.21	589.59	1.00	7293.30	28255.70	7293.30	7.374	
0.00	0.51	ø8/10	2	29	SLV	0.25	0.31	2046.23	1.00	10833.70	30036.70	10833.70	0.35	0.21	165.19	1.00	7293.30	28309.10	7293.30	5.295	
0.51	2.55	ø8/18	2	237	SLU	0.25	0.31	2429.54	1.00	6018.75	30762.80	6018.75	0.35	0.21	236.58	1.00	4051.84	28993.40	4051.84	2.477	
0.51	2.55	ø8/18	2	241	SLU	0.25	0.31	2852.57	1.00	6018.75	31274.70	6018.75	0.35	0.21	124.40	1.00	4051.84	29475.90	4051.84	2.110	
0.51	2.55	ø8/18	2	223	SLV	0.25	0.31	1469.20	1.00	6018.75	29958.10	6018.75	0.35	0.21	589.59	1.00	4051.84	28235.00	4051.84	4.097	
0.51	2.55	ø8/18	2	29	SLV	0.25	0.31	2046.23	1.00	6018.75	30014.70	6018.75	0.35	0.21	165.19	1.00	4051.84	28288.40	4051.84	2.941	
2.55	3.06	ø8/12	2	237	SLU	0.25	0.31	2429.54	1.00	9028.12	30648.90	9028.12	0.35	0.21	236.58	1.00	6077.75	28886.10	6077.75	3.716	
2.55	3.06	ø8/12	2	241	SLU	0.25	0.31	2852.57	1.00	9028.12	31143.30	9028.12	0.35	0.21	124.40	1.00	6077.75	29352.00	6077.75	3.165	
2.55	3.06	ø8/12	2	223	SLV	0.25	0.31	1469.20	1.00	9028.12	29870.50	9028.12	0.35	0.21	589.59	1.00	6077.75	28152.40	6077.75	6.145	
2.55	3.06	ø8/12	2	29	SLV	0.25	0.31	2046.23	1.00	9028.12	29927.10	9028.12	0.35	0.21	165.19	1.00	6077.75	28205.80	6077.75	4.412	
3.40	3.65	ø8/12	2	241	SLU	0.25	0.31	178.83	1.00	9028.12	29063.20	9028.12	0.35	0.21	667.17	1.00	6077.75	27391.60	6077.75	9.110	
3.40	3.65	ø8/12	2	223	SLV	0.25	0.31	169.18	1.00	9028.12	28733.10	9028.12	0.35	0.21	2273.87	1.00	6077.75	27080.50	6077.75	2.673	
3.40	3.65	ø8/12	2	227	SLV	0.25	0.31	988.47	1.00	9028.12	28702.40	9028.12	0.35	0.21	1083.34	1.00	6077.75	27051.50	6077.75	5.610	

Dettagli costruttivi per la duttilità

- CC=27 Da=0 A=0.50917 Dir. Y $\alpha_e=0.24834$ $\omega_{\text{rd}}=0.2063$ $\mu\Phi_d=16.2415$ $v_d=6.097$ $E_{syr,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=19.0625$ 0.05123 >= 0.03847 [7.4.29]

- CC=27 Da=0 A=0.50917 Dir. Z $\alpha_e=0.24834$ $\omega_{nd}=0.2063$ $\mu\Phi_d=16.2415$ $v_d=6.097$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.19863$ $\mu\Phi_c=20.7077$
0.05123 >= 0.03263 [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	8.64	12.19	0.25	0.26	0.27	13.57
410N		ø12/ 6	Y+	E	2	4.02	4.02	0.25	0.26	0.17	9.05
			Z+	I	2	4.01	4.01	0.35	0.16	0.17	9.05
			Z-	I	2	4.01	4.01	0.35	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>
-16Y-	13	SLV		-988.47	36198.40	1.20	4.94	44744.40	1906790.00	792636.00	50395.00	53106.60
	23	SLV		-988.47	36198.40	1.41	5.34	44633.60	1862780.00	792636.00	50224.70	53106.60
410Y+	1	SLV		0.00	17308.80	0.00	1.06	45392.40	403681.00	842962.00	---	---
	Z+	1	SLV	0.00	34533.00	0.00	1.06	48884.10	2742020.00	602115.00	34533.00	35404.40
	Z-	1	SLV	0.00	34533.00	0.00	1.06	48884.10	2742020.00	602115.00	34533.00	35404.40

Pilastrata n. 12

Nodi: 12 112

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		35.00	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_r	Sic.
0.179	SLV	1		4	17.00	-5825.93	-283.46	-283.46	4199.60	4199.60	-5825.93	-429.41	7288.85	95.62	9.04	1.735
0.179	SLV	1		4	17.00	-5825.93	-283.46	-283.46	4199.60	4199.60	-5825.93	-429.41	7288.85	95.62	9.04	1.735
3.069	SLV	1		4	305.50	-5194.83	641.27	641.27	-4764.37	-4764.37	-5194.83	963.35	-7122.59	284.06	7.30	1.495

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>
0.1742	SLE	R	1	4	17.00	-6665.66	1185.26	-203.18	6.03	6.03	38.75	453.32
0.1736	SLE	Q	1	4	17.00	-5486.79	1110.55	-68.37	8.04	4.02	32.03	428.81
0.1742	SLE	R	1	4	17.00	-6665.66	1185.26	-203.18	6.03	6.03	38.75	453.32
0.1736	SLE	Q	1	4	17.00	-5486.79	1110.55	-68.37	8.04	4.02	32.03	428.81
3.0642	SLE	R	1	4	305.50	-6034.57	-2816.86	692.83	8.04	4.02	103.82	1982.21
3.0636	SLE	Q	1	4	305.50	-4855.70	-2469.18	404.13	8.04	4.02	82.51	1671.69

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>
0.1736	SLE	Q	1	4	17.00	-5486.79	-68.37	1110.55	34.00	166.00	0.50	16.00	121.39	4.02	134.17	428.81	0.12	0.03
0.1735	SLE	F	1	4	17.00	-5708.90	-112.04	1113.04	34.00	166.00	0.50	16.00	161.10	2.01	117.00	432.02	0.13	0.03
0.1736	SLE	Q	1	4	17.00	-5486.79	-68.37	1110.55	34.00	166.00	0.50	16.00	121.39	4.02	134.17	428.81	0.12	0.03
0.1735	SLE	F	1	4	17.00	-5708.90	-112.04	1113.04	34.00	166.00	0.50	16.00	161.10	2.01	117.00	432.02	0.13	0.03
3.0636	SLE	Q	1	4	305.50	-4855.70	404.13	-2469.18	34.00	166.00	0.50	16.00	175.22	2.01	134.74	1671.69	0.49	0.15
3.0643	SLE	F	1	4	305.50	-4855.70	404.13	-2469.18	34.00	166.00	0.50	16.00	175.22	2.01	134.74	1671.69	0.49	0.15

Stato limite ultimo - Verifiche a taglio

X0 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	bw _{y,z} <mm>	d _{y,z} <mm>	Vsdu _{y,z} <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	bw _{r,z} <mm>	d _{r,z} <mm>	Vsdu _{r,z} <daN>	ctgθ _z	VRsd _z <daN>	VRcd _z <daN>	Vrd _z <daN>	Sic.
0.17	0.65	ø8/12	2	237	SLV	0.25	0.31	1739.35	1.00	9028.12	29992.70	9028.12	0.35	0.21	988.32	1.00	6077.75	28267.70	6077.75	5.191	
0.17	0.65	ø8/12	2	241	SLV	0.25	0.31	2080.83	1.00	9028.12	30301.50	9028.12	0.35	0.21	777.44	1.00	6077.75	28558.70	6077.75	4.339	
0.17	0.65	ø8/12	2	21	SLV	0.25	0.31	1984.85	1.00	9028.12	29536.80	9028.12	0.35	0.21	630.29	1.00	6077.75	27838.00	6077.75	4.548	
0.17	0.65	ø8/12	2	29	SLV	0.25	0.31	3107.09	1.00	9028.12	29480.70	9028.12	0.35	0.21	320.53	1.00	6077.75	27785.10	6077.75	2.906	
0.65	2.57	ø8/18	2	237	SLV	0.25	0.31	1739.35	1.00	6018.75	29965.80	6018.75	0.35	0.21	815.22	1.00	4051.84	28242.30	4051.84	3.460	
0.65	2.57	ø8/18	2	241	SLV	0.25	0.31	2080.83	1.00	6018.75	30270.50	6018.75	0.35	0.21	673.58	1.00	4051.84	28529.40	4051.84	2.892	
0.65	2.57	ø8/18	2	21	SLV	0.25	0.31	1984.85	1.00	6018.75	29516.10	6018.75	0.35	0.21	630.29	1.00	4051.84	27818.50	4051.84	3.032	
0.65	2.57	ø8/18	2	29	SLV	0.25	0.31	3107.09	1.00	6018.75	29460.00	6018.75	0.35	0.21	320.53	1.00	4051.84	27765.60	4051.84	1.937	
2.57	3.06	ø8/12	2	241	SLV	0.25	0.31	2080.82	1.00	9028.12	30146.30	9028.12	0.35	0.21	258.14	1.00	6077.75	28412.40	6077.75	4.339	
2.57	3.06	ø8/12	2	21	SLV	0.25	0.31	1984.85	1.00	9028.12	29433.40	9028.12	0.35	0.21	630.29	1.00	6077.75	27740.50	6077.75	4.548	
2.57	3.06	ø8/12	2	29	SLV	0.25	0.31	3107.09	1.00	9028.12	29377.20	9028.12	0.35	0.21	320.53	1.00	6077.75	27687.60	6077.75	2.906	

Dettagli costruttivi per la duttilità

- CC=1 Da=0.17 A=0.65083 Dir. Y $\alpha_e=0.22131$ $\omega_{nd}=0.17192$ $\mu\Phi_d=16.2415$ $v_d=4.243$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=23.2029$
0.03805 >= 0.01613 [7.4.29]
- CC=1 Da=0.17 A=0.65083 Dir. Z $\alpha_e=0.22131$ $\omega_{nd}=0.17192$ $\mu\Phi_d=16.2415$ $v_d=4.243$ $E_{s,y,r,d}=0.0018995$ $b_c/b_0=1.19863$ $\mu\Phi_c=25.2056$
0.03805 >= 0.01207 [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		ø10/ 4	Y+	I	2	4.02	5.09	0.25	0.26	0.17	11.00
			Z+	E	2	4.01	4.01	0.35	0.16	0.17	11.00
			Y-	I	2	5.56	4.02	0.25	0.26	0.27	14.14

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>
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112	Y+	1SLV	0.00	39215.30	0.00	3.80	57613.40	2536180.00	1024430.00	39215.30	43026.20
	Z+	1SLV	0.00	17266.50	0.00	3.80	40085.00	551655.00	731737.00	---	---
	Y-	1SLV	0.00	41243.70	0.00	3.80	57613.40	2819370.00	825662.00	41243.70	55319.40

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} <m>	d _{y,y} <m>	Vsdu _y <daN>	ctgθ _y	VRsd _y <daN>	VRcd _y <daN>	Vrd _y <daN>	b _{w,z} <m>	d _{z,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	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	SLU	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_t <daN/cmq>
0.0038	SLE	R	1	2	0.00	-3476.00	-82.72	-168.55	2.01	6.03	12.71	149.54
0.0036	SLE	Q	1	2	0.00	-2925.47	-81.38	-27.27	0.00	8.04	7.25	91.95
0.0038	SLE	R	1	2	0.00	-3476.00	-82.72	-168.55	2.01	6.03	12.71	149.54
0.0036	SLE	Q	1	2	0.00	-2925.47	-81.38	-27.27	0.00	8.04	7.25	91.95
3.4142	SLE	R	1	2	340.55	-3792.18	291.29	399.49	4.02	4.02	35.06	350.18
3.4138	SLE	R	1	2	340.55	-2943.90	238.52	432.08	4.02	4.02	34.87	425.36
3.4136	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 <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	0.57	ø8/12	2	237	SLU	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	SLU	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	SLU	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	SLU	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	SLU	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	SLU	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 $\alpha_e=0.2314$ $\omega_{Nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.091$ $E_{s,y/d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=36.1952$ 0.048 >= 0.00224 [7.4.29]
- CC=13 Da=0 A=0.56758 Dir. Z $\alpha_e=0.2314$ $\omega_{Nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.091$ $E_{s,y/d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=36.1952$ 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>	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 _x	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}	W _k <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 <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	2	37	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	2	41	SLU	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	2	23	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	2	13	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	2	37	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	2	41	SLU	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	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	2	13	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	2	37	SLU	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	2	41	SLU	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	2	23	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	2	13	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 α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.254 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=34.3745 0.048 >= 0.00422 [7.4.29]
- CC=13 Da=0 A=0.60843 Dir. Z α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.254 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_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>	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_x	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	33	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/cmq>	σ_s <daN/cmq>
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 <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	2	37	SLU	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	2	41	SLU	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	3	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	31	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	2	37	SLU	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	2	41	SLU	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	3	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	31	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	2	37	SLU	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	2	41	SLU	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	3	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	31	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 $\alpha_e=0.2314$ $\omega_{hd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.238$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=34.5429$ 0.048 >= 0.00403 [7.4.29]
- CC=31 Da=0 A=0.60843 Dir. Z $\alpha_e=0.2314$ $\omega_{hd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.238$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=34.5429$ 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>
416S		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>	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_x	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	X1	Staff	Br _y	Br _z	CC	TCC	b _{w,y}	d _{r,y}	Vsdu _{r,y}	ctgθ _{r,y}	VRsd _{r,y}	VRcd _{r,y}	Vrd _{r,y}	b _{w,z}	d _{r,z}	Vsdu _{r,z}	ctgθ _{r,z}	VRsd _{r,z}	VRcd _{r,z}	Vrd _{r,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	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	241	SLV	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	221	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	231	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	237	SLV	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	241	SLV	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	221	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	231	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	237	SLV	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	241	SLV	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	221	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	231	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_{rd}=0.20744 μΦ_d=16.2415 v_d=3.086 E_{s,y,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_{rd}=0.20744 μΦ_d=16.2415 v_d=3.086 E_{s,y,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>
317	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>
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>	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.
0.17	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
0.17	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

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>
0.17	38	SLE	R	1	2	17.00	-2196.55	47.36	-260.24	4.02	4.02	15.60
0.17	36	SLE	Q	1	2	17.00	-1834.30	102.33	-56.48	2.01	6.03	89.21
0.17	38	SLE	R	1	2	17.00	-2196.55	47.36	-260.24	4.02	4.02	15.60
0.17	36	SLE	Q	1	2	17.00	-1834.30	102.33	-56.48	2.01	6.03	89.21
3.10	42	SLE	R	1	2	310.50	-2136.33	49.73	768.93	4.02	4.02	41.60
3.10	36	SLE	Q	1	2	310.50	-1375.70	8.07	381.99	4.02	4.02	19.71

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	-1375.70	381.99	8.07	34.00	166.00	0.50	16.00	118.83	4.02	127.74	368.63	0.11
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

Stato limite ultimo - Verifiche a taglio

X0	X1	Staff.	Br _y	Br _z	CC	TCC	b _{w,y}	d _{r,y}	Vsdu _{r,y}	ctgθ _y	VRsd _{r,y}	VRcd _{r,y}	Vrd _{r,y}	b _{w,z}	d _{r,z}	Vsdu _{r,z}	ctgθ _z	VRsd _{r,z}	VRcd _{r,z}	Vrd _{r,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 α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=2.08 E_{s,y}=0.0018995 b_c/b₀=1.30208 μΦ_c=53.767 0.048 >= -0.00993 [7.4.29]
- CC=1 Da=0.17 A=0.65917 Dir. Z α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=2.08 E_{s,y}=0.0018995 b_c/b₀=1.30208 μΦ_c=53.767 0.048 >= -0.00993 [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>
118	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>
118	Y+	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 <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	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 <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ _c <daN/cmq>	σ _t <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 <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	-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	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>	<cm>	<daN>		<daN>	<daN>	<daN>	<m>	<cm>	<daN>		<daN>	<daN>	<daN>	
0.17	0.66	ø8/12	2	237	SLU	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	241	SLU	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	27	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	213	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	237	SLU	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	241	SLU	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	27	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	213	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	237	SLU	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	241	SLU	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	27	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	213	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_{rid}=0.20744 μΦ_d=16.2415 v_d=2.712 E_{sy, 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_{rid}=0.20744 μΦ_d=16.2415 v_d=2.712 E_{sy, 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/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	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	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>
0.00	42	SLE R	1	2	0.00	-5182.66	-102.16	-140.85	0.00	8.04	14.39	178.31
0.00	38	SLE R	1	2	0.00	-4119.44	-86.33	-182.77	2.01	6.03	13.98	166.75
0.00	36	SLE Q	1	2	0.00	-3388.93	-85.33	-33.22	0.00	8.04	8.17	104.30
0.00	42	SLE R	1	2	0.00	-5182.66	-102.16	-140.85	0.00	8.04	14.39	178.31
0.00	38	SLE R	1	2	0.00	-4119.44	-86.33	-182.77	2.01	6.03	13.98	166.75
0.00	36	SLE Q	1	2	0.00	-3388.93	-85.33	-33.22	0.00	8.04	8.17	104.30
3.41	42	SLE R	1	2	340.55	-4650.56	312.99	469.17	4.02	4.02	39.41	398.76
3.41	38	SLE R	1	2	340.55	-3587.34	257.96	490.15	4.02	4.02	38.63	445.79
3.41	36	SLE Q	1	2	340.55	-2856.83	235.18	191.17	2.01	6.03	21.13	219.50

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	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>
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>	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	-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	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>	<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 $\alpha_e=0.2314$ $\omega_{fd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.754$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=29.798$
0.048 >= 0.01024 [7.4.29]

- CC=25 Da=0 A=0.60843 Dir. Z $\alpha_e=0.2314$ $\omega_{fd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.754$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=29.798$
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+	1SLV	0.00	34617.60	0.00	3.14	34917.20	5529010.00	842962.00	34617.60	35404.40	
	Z+	1SLV	0.00	34533.00	0.00	3.14	34917.20	5501380.00	842962.00	34533.00	35404.40	
	Y-	1SLV	0.00	34617.60	0.00	3.14	34917.20	5529010.00	842962.00	34617.60	35404.40	
	Z-	1SLV	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>	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_x	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 _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	2	37	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	2	41	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	2	17	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	2	31	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	2	37	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	2	41	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	2	17	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	2	31	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	2	37	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	2	41	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	2	17	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	2	31	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 α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.759 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=29.7602 0.048 >= 0.0103 [7.4.29]
- CC=11 Da=0 A=0.60843 Dir. Z α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.759 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_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/mq>	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>	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	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/cm²>	σ _s <daN/cm²>
0.00	38	SLE	R	1	2	0.00	-4249.14	-102.08	-100.30	8.04	11.89	147.16
0.00	36	SLE	Q	1	2	0.00	-3388.33	-83.48	32.23	8.04	8.08	103.42
0.00	38	SLE	R	1	2	0.00	-4249.14	-102.08	-100.30	8.04	11.89	147.16
0.00	36	SLE	Q	1	2	0.00	-3388.33	-83.48	32.23	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	266.55
3.41	36	SLE	Q	1	2	340.55	-2856.23	232.69	-188.48	2.01	6.03	217.05

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	0.57	ø8/12	2	2	41	SLV	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	2	5	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	2	31	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	2	41	SLV	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	2	5	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	2	31	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	2	41	SLV	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	2	5	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	2	31	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 α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.45 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_c=32.4249 0.048 >= 0.00658 [7.4.29]
- CC=11 Da=0 A=0.56758 Dir. Z α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=3.45 E_{sy,r d}=0.0018995 b_c/b₀=1.30208 μΦ_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>	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	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,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.
0.17	0.66	ø8/12	2	2	37	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	2	41	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	2	19	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	2	31	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	2	37	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	2	41	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	2	19	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	2	31	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	2	41	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	2	19	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	2	31	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 α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=2.714 E_{sy,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=41.2176 0.048 >= -0.00229 [7.4.29]
- CC=1 Da=0.17 A=0.65917 Dir. Z α_e=0.2314 ω_{rd}=0.20744 μΦ_d=16.2415 v_d=2.714 E_{sy,d}=0.0018995 b_c/b₀=1.30208 μΦ_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>	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	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/cmq>	σ_ε <daN/cmq>
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/cmq>	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	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.
0.17	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 $\alpha_e=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.005$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=37.2293$ 0.048 >= 0.00121 [7.4.29]
- CC=7 Da=0.17 A=0.65917 Dir. Z $\alpha_e=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.005$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=37.2293$ 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>
125N		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>
125Y+	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/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	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/cmq>	σ_ε <daN/cmq>
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 <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	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	2	41	SLV	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	2	17	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	2	13	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	2	37	SLV	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	2	41	SLV	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	2	17	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	2	13	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	2	37	SLV	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	2	41	SLV	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	2	17	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	2	13	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_{rd}=0.20744 μΦ_d=16.2415 v_d=3.826 E_{syr,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_{rd}=0.20744 μΦ_d=16.2415 v_d=3.826 E_{syr,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/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	-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/cm q>	σ _f <daN/cm q>
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	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	0.61	ø8/12	2	2	41	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	2	7	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	2	13	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	2	41	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	2	7	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	2	13	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	2	41	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	2	7	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	2	13	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_{syr,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_{syr,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/cmq>	σ _f <daN/cmq>
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 <m>	X1 <m>	Staff.	Br _y	Br _z	CC	TCC	b _{w,y} <cm>	d _y <cm>	Vs _{d,y} <daN>	ctgθ _y	VR _{s,d,y} <daN>	VR _{cd,y} <daN>	Vrd _y <daN>	b _{w,z} <cm>	d _z <cm>	Vs _{d,z} <daN>	ctgθ _z	VR _{s,d,z} <daN>	VR _{cd,z} <daN>	Vrd _z <daN>	Sic.
0.00	0.61	ø8/12	2	2	37	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	2	41	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	2	19	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	2	31	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	2	37	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	2	41	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	2	19	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	2	31	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	2	37	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	2	41	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	2	19	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	2	31	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_u=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=4.244 E_{syrr}_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_u=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=4.244 E_{syrr}_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>	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	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
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Stato limite d'esercizio - Verifiche tensionali

Xg	CC	TCC	El	Sez.	X	N	Mz	My	AfT	AfC	σ_c	σ_s
<m>					<cm>	<daN>	<daNm>	<daNm>	<cmq>	<cmq>	<daN/cmq>	<daN/cmq>
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	X1	Staff.	Br _y	Br _z	CC	TCC	b _{w,y}	d _{y,y}	Vsdu _{y,z}	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	241	SLU	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	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	231	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	241	SLU	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	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	231	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	241	SLU	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	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	231	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 $\alpha_c=0.2314$ $\omega_{Nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.823$ $E_{syr,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=29.2616$ 0.048 >= 0.01107 [7.4.29]
- CC=7 Da=0 A=0.56758 Dir. Z $\alpha_c=0.2314$ $\omega_{Nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.823$ $E_{syr,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=29.2616$ 0.048 >= 0.01107 [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>
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	Vjbd	Vds	vd _i	Vjbr	Afni	Rfni	Vjwd	Vjwr
				<daN>	<daN>			<daN>	<daN/mq>	<daN/mq>	<daN>	<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	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_y	Sic.
<m>					<cm>	<daN>	<daNm>	<daNm>	<daNm>	<daNm>	<daN>	<daNm>	<daNm>	<grad>		
0.17	9		SLV	1	2	17.00	-2797.57	-237.67	-237.67	1396.60	1396.60	-2797.57	-535.03	3174.11	95.62	2.272
0.17	9		SLV	1	2	17.00	-2797.57	-237.67	-237.67	1396.60	1396.60	-2797.57	-535.03	3174.11	95.62	2.272
3.10	41 (e)		SLU	1	2	310.50	-5296.99	1613.54	1613.54	33.02	105.94	-5296.99	3380.65	164.38	1.41	2.093

Stato limite d'esercizio - Verifiche tensionali

Xg	CC	TCC	El	Sez.	X	N	Mz	My	AfT	AfC	σ_c	σ_s
<m>					<cm>	<daN>	<daNm>	<daNm>	<cmq>	<cmq>	<daN/cmq>	<daN/cmq>
0.17	38	SLE R	1	2	17.00	-3346.77	-20.01	-436.99	4.02	4.02	23.24	243.04
0.17	36	SLE Q	1	2	17.00	-2761.55	33.69	-121.56	0.00	8.04	8.50	103.25
0.17	38	SLE R	1	2	17.00	-3346.77	-20.01	-436.99	4.02	4.02	23.24	243.04
0.17	36	SLE Q	1	2	17.00	-2761.55	33.69	-121.56	0.00	8.04	8.50	103.25
3.10	42	SLE R	1	2	310.50	-3531.33	22.01	1075.69	4.02	4.02	55.36	1076.85
3.10	36	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	CC	TCC	El	Sez.	X	N	My	Mz	c	s	K ₂	Φ_{eq}	Δ_{sm}	$\bar{A}_s$	$\bar{A}_c$ 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	-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
3.10	35	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,y}	Vsdu _{y,z}	ctgθ _{y,z}	VRsd _{y,z}	VRcd _{y,z}	Vrd _{y,z}	b _{w,z}	d _{y,z}	Vsdu _{y,z}	ctgθ _{y,z}	VRsd _{y,z}	VRcd _{y,z}	Vrd _{y,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	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	SLV	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 $\alpha_e=0.2314$ $\omega_{\text{rd}}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.007$ $E_{syr,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=37.2063$ 0.048 >= 0.00123 [7.4.29]
- CC=19 Da=0.17 A=0.65917 Dir. Z $\alpha_e=0.2314$ $\omega_{\text{rd}}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=3.007$ $E_{syr,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=37.2063$ 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>
130Y+	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>	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.
0.175	5	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	5	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	5	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/cm q>	σ _f <daN/cm q>
0.1738	38	SLE R	1	2	17.00	-1932.26	385.79	-547.97	6.03	2.01	50.68	828.38
0.1736	36	SLE Q	1	2	17.00	-1711.79	299.79	206.45	4.02	4.02	26.83	368.47
0.1738	38	SLE R	1	2	17.00	-1932.26	385.79	-547.97	6.03	2.01	50.68	828.38
0.1736	36	SLE Q	1	2	17.00	-1711.79	299.79	206.45	4.02	4.02	26.83	368.47
3.1042	42	SLE R	1	2	310.50	-1787.32	-635.31	-510.99	6.03	2.01	62.93	1084.65
3.1036	36	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/cm q>	ε _{sm}	Wk <mm>
0.1736	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
0.1743	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
0.1736	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
0.1743	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
3.1036	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
3.1035	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,y} <m>	d _{y,y} <m>	Vsdu _{y,y} <daN>	ctgθ _{y,y}	VRsd _{y,y} <daN>	VRcd _{y,y} <daN>	Vrd _{y,y} <daN>	bw _{z,z} <m>	d _{z,z} <m>	Vsdu _{z,z} <daN>	ctgθ _{z,z}	VRsd _{z,z} <daN>	VRcd _{z,z} <daN>	Vrd _{z,z} <daN>	Sic.
0.17	0.66	ø8/12	2	237	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	241	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	27	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	227	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	237	SLV	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	241	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	27	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	227	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	237	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	241	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	27	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	227	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 $\alpha_e=0.2314$ $\omega_{\text{rd}}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.019$ $E_{syr,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=55.3986$ 0.048 >= -0.01067 [7.4.29]
- CC=5 Da=0.17 A=0.65917 Dir. Z $\alpha_e=0.2314$ $\omega_{\text{rd}}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.019$ $E_{syr,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=55.3986$ 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>
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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>	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/cm ² >	Fctk <daN/cm ² >	Fcd <daN/cm ² >	Fctd <daN/cm ² >	Tp	Fyk <daN/cm ² >	Fyd <daN/cm ² >
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/cm ² >	σ _f <daN/cm ² >
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/cm ² >	ε _{sm}	Wk <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	X1	Staff.	Br _y	Br _z	CC	TCC	bw _y <m>	d _y <m>	Vsdu _y <d>	ctgθ _y	VRsd _y <d>	VRcd _y <d>	Vrd _y <d>	bw _z <m>	d _z <m>	Vsdu _z <d>	ctgθ _z	VRsd _z <d>	VRcd _z <d>	Vrd _z <d>	Sic.
0.17	0.71	ø8/12	2	237	SLV	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	241	SLV	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	217	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	227	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	237	SLV	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	241	SLV	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	217	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	227	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	237	SLV	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	241	SLV	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 α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=2.419 E_{syrrd}=0.0018995 b_c/b₀=1.30208 μΦ_c=46.2403 0.048 >= -0.00585 [7.4.29]

- CC=27 Da=0.17 A=0.70924 Dir. Z α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=2.419 E_{syrrd}=0.0018995 b_c/b₀=1.30208 μΦ_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>
332	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>
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>	Cl _s	Fck <daN/cm ² >	Fctk <daN/cm ² >	Fcd <daN/cm ² >	Fctd <daN/cm ² >	Tp	Fyk <daN/cm ² >	Fyd <daN/cm ² >
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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.
0.17	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	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	3.95	55.90
0.17	38	SLE R	1	2	17.00	-2911.06	24.05	-483.81	4.02	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	3.95	55.90
3.65	38	SLE R	1	2	365.06	-2367.22	-593.01	291.65	4.02	4.02	47.19	747.51
3.65	42	SLE R	1	2	365.06	-2849.89	-787.12	103.75	4.02	4.02	45.92	814.06
3.65	36	SLE Q	1	2	365.06	-1900.79	-432.55	-115.80	4.02	4.02	28.65	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/cm q>	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 <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.
0.17	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 α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=2.572 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_c=43.4849
0.048 >= -0.004 [7.4.29]

- CC=25 Da=0.17 A=0.7501 Dir. Z α_e=0.2314 ω_{nd}=0.20744 μΦ_d=16.2415 v_d=2.572 E_{sy,r,d}=0.0018995 b_c/b₀=1.30208 μΦ_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>
433	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>
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/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	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
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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>
3.65	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	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	0.75	ø8/12	2	237	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	241	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	217	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	29	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	237	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	241	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	217	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	29	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	237	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	241	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	217	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	29	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_{rd}=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_{rd}=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>
434N		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/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	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}	W _k <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	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	0.71	ø8/12	2	237	SLV	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	SLV	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	SLV	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	SLV	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 $\alpha_e=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.419$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=46.2499$ 0.048 >= -0.00585 [7.4.29]
- CC=9 Da=0.17 A=0.70924 Dir. Z $\alpha_e=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.419$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=46.2499$ 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/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>	δ_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/cm²>	σ_f <daN/cm²>
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/cm²>	δ_{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 <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	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 $\alpha_e=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.021$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=55.3627$ 0.048 >= -0.01065 [7.4.29]
- CC=17 Da=0.17 A=0.65917 Dir. Z $\alpha_e=0.2314$ $\omega_{nd}=0.20744$ $\mu\Phi_d=16.2415$ $v_d=2.021$ $E_{sy,r,d}=0.0018995$ $b_c/b_0=1.30208$ $\mu\Phi_c=55.3627$ 0.048 >= -0.01065 [7.4.29]

Caratteristiche nodi trave-pilastro

Nodo	Conf.	Staff.	F	Mod.	Br.	As1 <cmq>	As2 <cmq>	Bj <m>	Hjc <m>	Hjw <m>	Ash <cmq>
136N		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 <daN>	Vjbd <daN>	vd _s	vd _i	VjbR <daN>	Afni <daN/mq>	Rfni <daN/mq>	Vjwd <daN>	VjwR <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>	σ_t <daN/cm ² >
81	3	41	SLU	RVN	11920.30	-347.24	3343.28	-708.85	5.82	
	3	41	SLU	TAG				-3008.95	-312.52	
	3	41	SLU	ECC				-7450.18	0.00	
	3	41	SLU	TOT	17680.30	-347.24	3343.28	-11168.00	-306.69	-4.52
35	2	13	SLV (E)	RVN	7974.17	-531.25	2875.39	-849.97	-39.75	
	2	13	SLV (E)	TAG				-2587.85	-478.13	
	2	13	SLV (E)	ECC				-4983.86	0.00	
	2	13	SLV (E)	TOT	13734.20	-531.25	2875.39	-8421.68	-517.87	-3.29
76	3	36	SLE Q	RVN	7045.25	5.18	1903.79	-403.73	10.94	
	3	36	SLE Q	TAG				-1713.41	4.66	
	3	36	SLE Q	ECC				-4403.28	0.00	
	3	36	SLE Q	TOT	12805.30	5.18	1903.79	-6520.42	15.60	-1.84
82	3	42	SLE R	RVN	7946.85	-231.49	2228.85	-472.57	3.88	
	3	42	SLE R	TAG				-2005.97	-208.34	
	3	42	SLE R	ECC				-4966.78	0.00	
	3	42	SLE R	TOT	13706.90	-231.49	2228.85	-7445.32	-204.46	-2.29
75	3	35	SLE F	RVN	7210.59	-73.30	1961.13	-415.59	8.24	
	3	35	SLE F	TAG				-1765.02	-65.97	
	3	35	SLE F	ECC				-4506.62	0.00	
	3	35	SLE F	TOT	12970.60	-73.30	1961.13	-6687.23	-57.73	-1.92

Stato limite ultimo - Verifiche a flessione/pressoflessione

Caso	Nodo	CC	TCC	PV	Coord. <m>	Mom <daNm>	MRd <daNm>	Sic.
81	3	41	SLU	XX1	0.17	38589.60	52987.50	1.37
81	3	41	SLU	YY1	0.12	11578.90	30031.60	2.59
81	3	41	SLU	YY2	-0.12	11578.90	30031.60	2.59

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	0.17	27498.80	-50814.20	1.85
35	2	13	SLV (E)	YY1	0.12	8251.07	-29027.50	3.52
35	2	13	SLV (E)	YY2	-0.12	8251.07	-29027.50	3.52

Stato limite d'esercizio - Verifiche a flessione

Caso	Nodo	CC	TCC	PV	Coord. <m>	Mom <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cm ² >	σ_f <daN/cm ² >
75	3	35	SLE F	XX1	0.17	15192.30	16.09	7.92	-15.47	1163.79
75	3	35	SLE F	YY1	0.12	4558.50	9.05	9.05	-5.93	612.89
75	3	35	SLE F	YY2	-0.12	4558.50	9.05	9.05	-5.93	612.89
76	3	36	SLE Q	XX1	0.17	14500.40	16.09	7.92	-14.77	
76	3	36	SLE Q	YY1	0.12	4350.88	9.05	9.05	-5.66	
76	3	36	SLE Q	YY2	-0.12	4350.88	9.05	9.05	-5.66	
82	3	42	SLE R	XX1	0.17	18522.50	16.09	7.92	-18.86	1418.89
82	3	42	SLE R	YY1	0.12	5557.73	9.05	9.05	-7.23	747.24
82	3	42	SLE R	YY2	-0.12	5557.73	9.05	9.05	-7.23	747.24

Stato limite d'esercizio - Verifiche a fessurazione

Caso	Nodo	CC	TCC	PV	Coord. <m>	Mom <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}	W _k <mm>
76	3	36	SLE Q	XX1	0.17	14500.40	32.00	211.97	0.50	16.00	569.73	16.09	1600.00	1110.78	0.32	0.31
76	3	36	SLE Q	YY1	0.12	4350.88	34.00	214.84	0.50	12.00	595.42	9.05	1600.00	584.98	0.17	0.17
76	3	36	SLE Q	YY2	-0.12	4350.88	34.00	214.84	0.50	12.00	595.42	9.05	1600.00	584.98	0.17	0.17
75	3	35	SLE F	XX1	0.17	15192.30	32.00	211.97	0.50	16.00	569.73	16.09	1600.00	1163.79	0.34	0.33
75	3	35	SLE F	YY1	0.12	4558.50	34.00	214.84	0.50	12.00	595.42	9.05	1600.00	612.89	0.18	0.18
75	3	35	SLE F	YY2	-0.12	4558.50	34.00	214.84	0.50	12.00	595.42	9.05	1600.00	612.89	0.18	0.18

Verifiche effettuate

Caso	Tipo
81	$\sigma_{t \min}$ (max compr.), SLU N cost - min. sic.
35	SND N cost - min. sic. lim. el.
76	C.Q.Per. - $\sigma_{c \min}$ (max compr.), C.Q.Per. - W _{k max}
82	C.Rare - $\sigma_{c \min}$ (max compr.), C.Rare - $\sigma_{f \max}$ (max traz.), C.Rare - $\sigma_{f \min}$ (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>	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 >
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>	σ_t <daN/cm ² >
65	9	41	SLU	RVN	17272.40	-170.50	-3312.65	785.26	-150.32	
	9	41	SLU	TAG				2981.39	-153.45	
	9	41	SLU	ECC				0.00	0.00	
	9	41	SLU	TOT	22334.90	-170.50	-3312.65	3766.65	-303.77	-1.72
66	9	42	SLE R	RVN	11514.90	-113.67	-2208.43	523.51	-100.21	
	9	42	SLE R	TAG				1987.59	-102.30	
	9	42	SLE R	ECC				0.00	0.00	
	9	42	SLE R	TOT	16577.40	-113.67	-2208.43	2511.10	-202.51	-1.22

Stato limite ultimo - Verifiche armatura fondo

Caso	Nodo	CC	TCC	FtirX <daN>	Afx <cmq>	FDtirX <daN>	FtirY <daN>	Afy <cmq>	FDtirY <daN>
65	9	41	SLU	7531.56	7.92	30978.80	7531.56	7.92	30978.80

Stato limite d'esercizio - Verifiche armatura fondo

Caso	Nodo	CC	TCC	FtirX <daN>	Afx <cmq>	σ_{fx} <daN/cm ² >	FtirY <daN>	Afy <cmq>	σ_{fy} <daN/cm ² >
66	9	42	SLE R	5021.04	7.92	634.23	5021.04	7.92	634.23

Verifiche effettuate

Caso	Tipo
65	$\sigma_{t_{min}}$ (max compr.), SLU N cost - min. sic.
66	C.Rare - $\sigma_{f_{max}}$ (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/cm ² >	Fctk <daN/cm ² >	Fcd <daN/cm ² >	Fctd <daN/cm ² >	Tp	Fyk <daN/cm ² >	Fyd <daN/cm ² >
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>	σ_t <daN/cm ² >
351	28	41	SLU	RVN	9550.62	-304.35	168.19	-192.02	-257.67	
	28	41	SLU	TAG				-151.37	-273.92	
	28	41	SLU	ECC				0.00	0.00	
	28	41	SLU	TOT	12273.10	-304.35	168.19	-343.39	-531.58	-1.41
329	27	41	SLU	RVN	9612.97	106.08	182.22	-210.04	2.41	
	27	41	SLU	TAG				-164.00	95.47	
	27	41	SLU	ECC				0.00	0.00	
	27	41	SLU	TOT	12335.50	106.08	182.22	-374.04	97.88	-1.23
330	27	42	SLE R	RVN	6408.65	70.72	121.48	-140.03	1.61	
	27	42	SLE R	TAG				-109.33	63.65	
	27	42	SLE R	ECC				0.00	0.00	
	27	42	SLE R	TOT	9131.15	70.72	121.48	-249.36	65.25	-0.90

Stato limite ultimo - Verifiche armatura fondo

Caso	Nodo	CC	TCC	FtirX <daN>	Afx <cmq>	FDtirX <daN>	FtirY <daN>	Afy <cmq>	FDtirY <daN>
351	28	41	SLU	3053.98	6.79	26553.30	3053.98	6.79	26553.30
329	27	41	SLU	3073.92	6.79	26553.30	3073.92	6.79	26553.30

Stato limite d'esercizio - Verifiche armatura fondo

Caso	Nodo	CC	TCC	FtirX <daN>	Afx <cmq>	σ_{fx} <daN/cm ² >	FtirY <daN>	Afy <cmq>	σ_{fy} <daN/cm ² >
330	27	42	SLE R	2049.28	6.79	301.99	2049.28	6.79	301.99

Verifiche effettuate

Caso	Tipo
351	$\sigma_{t \text{ min}}$ (max compr.)
329	SLU N cost - min. sic.
330	C.Rare - $\sigma_{f \text{ max}}$ (max traz.)

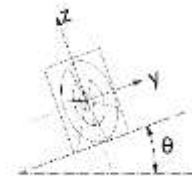
Verifiche arcarecci in legno

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		

θ 10°

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

fc _{al} =f _{iniz} +f _{dif}									
finiz	Freccia sitantanea								
fdif	Freccia differita che tiene conto della viscosità e dell'umidità								
finiz=(5/384)*(q*l^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*l^4)/E*J									
L=	565	cm							
q= G1+G2+ Ψ 21*Q									
Ψ21=	0	In quanto Q è il carico accidentale dovuto alla neve con altitudine miore di 1000 m							
f'in	0,67	cm							
fdif	0,40	cm							
fc _{al} =f _{iniz} +f _{dif}	1,98	cm							
fadm=L/250	2,26	cm							

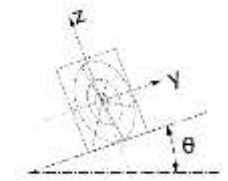
Verifica di travi rettangolari in legno

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}	$\sigma_{m,d}$ (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}	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}	α 8	$\sigma_{m,d}$ (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}	β 2	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