comune di
PRATO
Codice Fiscale: **84006890481**

Progetto: **Palestra del Complesso Scolastico "I Ciliani" in Via Taro**
Progetto strutturale di adeguamento alla normativa antisismica

Titolo:
Elaborato B1 - Fascicolo dei calcoli elementi esistenti Palestra

Fase: **PROGETTO ESECUTIVO**

Assessore ai lavori pubblici	**Roberto Caverni**
Servizio Lavori Pubblici, Energia, Grandi Opere e Protezione Civile	**Edilizia Pubblica**
Dirigente del Servizio	**Ing. Lorenzo Frasconi**
Responsabile Unico del Procedimento	**Arch. Luca Piantini**

Progettisti

Progettista Opere Architettoniche
Arch. Diletta Moscardi

Progettista Opere Strutturali
Ing. Carlo Savelli

Tecnico collaboratore
Geom. Dario Eleni

Tavola: **Elab. B1**

Scala:

Spazio riservato agli uffici:

data: **Marzo 2013**

Oggetto: Progetto strutturale per l'adeguamento sismico secondo la vigente normativa tecnica del fabbricato destinato a palestra e del relativo blocco spogliatoi, il tutto a corredo del complesso scolastico "I Ciliani" posto in via Taro nel comune di Prato.

B1– FASCICOLO DEI CALCOLI CORPO DI FABBRICA PALESTRA ELEMENTI ESISTENTI

Prato 4 aprile 2013

Il tecnico

dott. ing. Carlo Savelli

Nota: per una redazione più snella del fascicolo sono state omesse le informazioni relative ai dati geometrici dei singoli nodi aggiuntivi costituenti il modello strutturale, riportando nella presente esclusivamente le risultanze dell'analisi strutturale relative agli elementi esistenti, la cui verifica è riportata all'interno della relazione tecnica di calcolo. In particolare per la copertura sono stati riportati i risultati relativi agli elementi maggiormente sollecitati. Tutte le restanti informazioni rimangono comunque a disposizione presso lo studio del progettista.

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Geometria

Elenco vincoli nodi

Simbologia

Vn = Numero del vincolo nodo
Comm. = Commento
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)
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)
RL = Rotazione libera
Ly = Lunghezza (dir. Y locale)
Lz = Larghezza (dir. Z locale)
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Vn	Comm.	Sx	Sy	Sz	Rx	Ry	Rz	RL	Ly <m>	Lz <m>	Kt <kg/cmc>
1	Libero	L	L	L	L	L	L				
3	El. sew 110001	B	B	L	L	L	B				

Elenco nodi

Simbologia

Nodo = Numero del nodo
X = Coordinata X del nodo
Y = Coordinata Y del nodo
Z = Coordinata Z del nodo
Imp. = Numero dell'impalcato
Vn = Numero del vincolo nodo

Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn	Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn	Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn
1	1.25	0.00	0.00	0	3	2	5.00	0.00	0.00	0	3	3	8.75	0.00	0.00	0	3
4	12.50	0.00	0.00	0	3	5	16.25	0.00	0.00	0	3	6	20.00	0.00	0.00	0	3
7	23.75	0.00	0.00	0	3	8	25.00	5.58	0.00	0	3	9	0.00	6.28	0.00	0	3
10	0.00	9.28	0.00	0	3	11	25.00	9.97	0.00	0	3	12	1.25	15.55	0.00	0	3
13	5.00	15.55	0.00	0	3	14	8.75	15.55	0.00	0	3	15	12.50	15.55	0.00	0	3
16	16.25	15.55	0.00	0	3	17	20.00	15.55	0.00	0	3	18	23.75	15.55	0.00	0	3
101	1.25	0.00	6.90	1	1	102	5.00	0.00	6.90	1	1	103	8.75	0.00	6.90	1	1
104	12.50	0.00	6.90	1	1	105	16.25	0.00	6.90	1	1	106	20.00	0.00	6.90	1	1
107	23.75	0.00	6.90	1	1	108	25.00	5.58	6.90	1	1	109	0.00	6.28	6.90	0	1
110	0.00	9.28	6.90	0	1	111	25.00	9.97	6.90	1	1	112	1.25	15.55	6.90	1	1
113	5.00	15.55	6.90	1	1	114	8.75	15.55	6.90	1	1	115	12.50	15.55	6.90	1	1
116	16.25	15.55	6.90	1	1	117	20.00	15.55	6.90	1	1	118	23.75	15.55	6.90	1	1
119	0.00	0.00	6.90	1	1	120	0.57	0.00	6.90	1	1	121	1.93	0.00	6.90	1	1
122	4.33	0.00	6.90	1	1	123	5.67	0.00	6.90	1	1	124	8.07	0.00	6.90	1	1
125	9.43	0.00	6.90	1	1	126	11.82	0.00	6.90	1	1	127	13.18	0.00	6.90	1	1
128	15.57	0.00	6.90	1	1	129	16.93	0.00	6.90	1	1	130	19.32	0.00	6.90	1	1
131	20.68	0.00	6.90	1	1	132	23.07	0.00	6.90	1	1	133	24.43	0.00	6.90	1	1
134	25.00	0.00	6.90	1	1	135	0.00	1.96	6.90	1	1	136	25.00	1.96	6.90	1	1
137	25.00	6.16	6.90	0	1	138	25.00	9.39	6.90	0	1	139	0.00	13.59	6.90	1	1
140	25.00	13.59	6.90	1	1	141	0.00	15.55	6.90	1	1	142	0.57	15.55	6.90	1	1
143	1.93	15.55	6.90	1	1	144	4.33	15.55	6.90	1	1	145	5.67	15.55	6.90	1	1
146	8.07	15.55	6.90	1	1	147	9.43	15.55	6.90	1	1	148	11.82	15.55	6.90	1	1
149	13.18	15.55	6.90	1	1	150	15.57	15.55	6.90	1	1	151	16.93	15.55	6.90	1	1
152	19.32	15.55	6.90	1	1	153	20.68	15.55	6.90	1	1	154	23.07	15.55	6.90	1	1
155	24.43	15.55	6.90	1	1	156	25.00	15.55	6.90	1	1						

Elenco materiali

Simbologia

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

Mat.	Comm.	P <kg/mc>	E <kg/cmq>	G <kg/cmq>	ν	α

1	Calcestruzzo	2500	300000.00	130000.00	0.1	1.000000E-005

Elenco sezioni aste

Simbologia

Sez. = Numero della sezione
Comm. = Commento
Tipo = Tipologia
- 2C = Doppia C lato labbri
- 2Cdx = Doppia C lato costola
- 2I = Doppia I
- 2L = Doppia L lato labbri
- 2Ldx = Doppia L lato costole
- C = C
- Cdx = C destra
- Cir. = Circolare
- Cir.c = Circolare cava
- I = I
- L = L
- Ldx = L destra
- Om. = Omega
- Pg = Pi greco
- Pr = Poligono regolare
- Prc = Poligono regolare cavo
- Pc = Per coordinate
- Ia = Inerzie assegnate
- R = Rettangolare
- Rc = Rettangolare cava
- T = T
- U = U
- Ur = U rovescia
- V = V
- Vr = V rovescia
- Z = Z
- Zdx = Z destra
- Ts = T stondata
- Ls = L stondata
- Cs = C stondata
- Is = I stondata
- Dis. = Disegnata

Me = Membratura
- G = Generica
- T = Trave
- P = Pilastro

Ver. = Verifica prevista
- N = Nessuna
- C = Cemento armato
- A = Acciaio
- L = Legno

B = Base
b = Base inferiore
H = Altezza
h = Altezza parte inf.
Ma = Numero del materiale
C = Numero del criterio di progetto
Ccol = Numero del criterio di progetto collegamento

Sez.	Comm.	Tipo	Me	Ver.	B <cm>	b <cm>	H <cm>	h <cm>	Ma	C	Ccol
1	Pilastrone X	R	P	C	40.00		100.00		1	1	
2	Pilastrone Y=0	R	P	C	40.00		100.00		1	1	
3	Pilastrone Y=25	R	P	C	40.00		100.00		1	1	
5	Tegolo	T	T	C	115.00	15.00	12.50	57.50	1	1	
6	Trave di bordo 1	Ldx	T	C	26.00	101.00	55.00	15.00	1	1	
7	Trave di bordo 2	L	T	C	26.00	101.00	55.00	15.00	1	1	
8	Trave fondazione esistente	T	T	C	26.00	70.00	50.00	50.00	1	2	
9	Cordolo fondazone nuovo	R	T	C	50.00		40.00		1	1	

Elenco vincoli aste

Simbologia

Va = Numero del vincolo asta
Comm. = Commento
Tipo = Tipologia
- SVI = Definizione di vincolamenti interni
- ELA = Vincolo su suolo elastico alla Winkler
- BIE-RTC = Biella resistente a trazione e a compressione
- BIE-RC = Biella resistente solo a compressione

BIE-RT = Biella resistente solo a trazione
Ni = Sforzo normale nodo iniziale (0=sbloccato, 1=bloccato)
Tyi = Taglio in dir. Y locale nodo iniziale (0=sbloccato, 1=bloccato)
Tzi = Taglio in dir. Z locale nodo iniziale (0=sbloccato, 1=bloccato)
Mxi = Momento intorno all'asse X locale nodo iniziale (0=sbloccato, 1=bloccato)
Myi = Momento intorno all'asse Y locale nodo iniziale (0=sbloccato, 1=bloccato)
Mzi = Momento intorno all'asse Z locale nodo iniziale (0=sbloccato, 1=bloccato)
Nf = Sforzo normale nodo finale (0=sbloccato, 1=bloccato)
Tyf = Taglio in dir. Y locale nodo finale (0=sbloccato, 1=bloccato)
Tzf = Taglio in dir. Z locale nodo finale (0=sbloccato, 1=bloccato)
Mxf = Momento intorno all'asse X locale nodo finale (0=sbloccato, 1=bloccato)
Myf = Momento intorno all'asse Y locale nodo finale (0=sbloccato, 1=bloccato)
Mzf = Momento intorno all'asse Z locale nodo finale (0=sbloccato, 1=bloccato)
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Va	Comm.	Tipo	Ni	Tyi	Tzi	Mxi	Myi	Mzi	Nf	Tyf	Tzf	Mxf	Myf	Mzf	Kt <kg/cmc>
1	Inc+Inc	SVI	1	1	1	1	1	1	1	1	1	1	1	1	
30	Fondazione	ELA													3.00

Elenco aste

Simbologia

Asta = Numero dell'asta
N1 = Nodo iniziale
N2 = Nodo finale
Sez. = Numero della sezione
Va = Numero del vincolo asta
Par. = Numero dei parametri aggiuntivi
Rot. = Rotazione
FF = Filo fisso
Dy1 = Scost. filo fisso Y1
Dy2 = Scost. filo fisso Y2
Dz1 = Scost. filo fisso Z1
Dz2 = Scost. filo fisso Z2
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Asta	N1	N2	Sez.	Va	Par.	Rot. <grad>	FF	Dy1 <cm>	Dy2 <cm>	Dz1 <cm>	Dz2 <cm>	Kt <kg/cmc>
1	1	101	1	1		0.00	55	0.00	0.00	0.00	0.00	
2	2	102	1	1		0.00	55	0.00	0.00	0.00	0.00	
3	3	103	1	1		0.00	55	0.00	0.00	0.00	0.00	
4	4	104	1	1		0.00	55	0.00	0.00	0.00	0.00	
5	5	105	1	1		0.00	55	0.00	0.00	0.00	0.00	
6	6	106	1	1		0.00	55	0.00	0.00	0.00	0.00	
7	7	107	1	1		0.00	55	0.00	0.00	0.00	0.00	
8	8	108	3	1		90.00	55	0.00	0.00	0.00	0.00	
9	9	109	2	1		90.00	55	0.00	0.00	0.00	0.00	
10	10	110	2	1		90.00	55	0.00	0.00	0.00	0.00	
11	11	111	3	1		90.00	55	0.00	0.00	0.00	0.00	
12	12	112	1	1		0.00	55	0.00	0.00	0.00	0.00	
13	13	113	1	1		0.00	55	0.00	0.00	0.00	0.00	
14	14	114	1	1		0.00	55	0.00	0.00	0.00	0.00	
15	15	115	1	1		0.00	55	0.00	0.00	0.00	0.00	
16	16	116	1	1		0.00	55	0.00	0.00	0.00	0.00	
17	17	117	1	1		0.00	55	0.00	0.00	0.00	0.00	
18	18	118	1	1		0.00	55	0.00	0.00	0.00	0.00	
1001	119	-465	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-465	120	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	120	-466	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-466	101	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	101	-467	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-467	121	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	121	-468	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-468	-469	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-469	-470	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-470	-471	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-471	-472	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-472	-473	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-473	-474	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-474	122	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	122	-475	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-475	102	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	102	-476	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-476	123	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	123	-477	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-477	-478	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-478	-479	6	1		0.00	99	0.00	0.00	0.00	0.00	
1001	-479	-480	6	1		0.00	99	0.00	0.00	0.00	0.00	

1001	-480	-481	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-481	-482	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-482	-483	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-483	124	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	124	-484	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-484	103	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	103	-485	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-485	125	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	125	-486	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-486	-487	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-487	-488	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-488	-489	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-489	-490	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-490	-491	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-491	-492	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-492	126	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	126	-493	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-493	104	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	104	-494	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-494	127	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	127	-495	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-495	-496	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-496	-497	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-497	-498	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-498	-499	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-499	-500	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-500	-501	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-501	128	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	128	-502	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-502	105	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	105	-503	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-503	129	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	129	-504	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-504	-505	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-505	-506	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-506	-507	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-507	-508	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-508	-509	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-509	-510	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-510	130	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	130	-511	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-511	106	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	106	-512	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-512	131	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	131	-513	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-513	-514	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-514	-515	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-515	-516	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-516	-517	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-517	-518	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-518	-519	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-519	132	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	132	-520	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-520	107	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	107	-521	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-521	133	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	133	-522	6	1	0.00	99	0.00	0.00	0.00	0.00
1001	-522	134	6	1	0.00	99	0.00	0.00	0.00	0.00
1009	122	-537	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-537	-618	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-618	-699	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-699	-780	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-780	-861	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-861	-941	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-941	-1021	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1021	-1102	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1102	-1183	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1183	-1264	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1264	-1342	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1342	-1405	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1405	-1468	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1468	-1534	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1534	-1615	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1615	-1696	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1696	-1777	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1777	-1857	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1857	-1937	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-1937	-2016	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-2016	-2098	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-2098	-2179	5	1	0.00	88	0.00	0.00	0.00	0.00
1009	-2179	-2260	5	1	0.00	88	0.00	0.00	0.00	0.00

1009	-2260	-2329	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-2329	-2398	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-2398	-2467	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-2467	-2548	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-2548	-2629	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-2629	-2709	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-2709	-2789	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-2789	-2871	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-2871	-2950	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-2950	-3031	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3031	-3112	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3112	-3190	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3190	-3253	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3253	-3316	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3316	-3382	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3382	-3463	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3463	-3544	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3544	-3625	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3625	-3705	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3705	-3785	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3785	-3866	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3866	-3947	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-3947	-4028	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-4028	-4109	5	1		0.00	88	0.00	0.00	0.00	0.00	
1009	-4109	144	5	1		0.00	88	0.00	0.00	0.00	0.00	
4001	-64	-65	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4004	-386	-387	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4005	-64	-157	8	30		0.00	11	0.00	0.00	0.00	0.00	3.00
4007	-123	-160	9	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4027	-79	-146	8	30		0.00	11	0.00	0.00	0.00	0.00	3.00
4028	-66	-67	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4031	-388	-389	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4032	-301	-386	8	30		0.00	11	0.00	0.00	0.00	0.00	3.00
4054	-215	-251	8	30		0.00	11	0.00	0.00	0.00	0.00	3.00
4055	-68	-69	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4058	-390	-391	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4081	-320	-401	8	30		0.00	11	0.00	0.00	0.00	0.00	3.00
4082	-70	-71	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4085	-392	-393	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4109	-72	-73	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4112	-394	-395	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4136	-74	-75	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4139	-396	-397	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4163	-76	-77	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4166	-398	-399	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4190	-78	-79	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00
4193	-400	-401	8	30		0.00	22	0.00	0.00	0.00	0.00	3.00

Elenco tipi elementi bidimensionali

Simbologia

Tb = Numero del tipo muro/elemento bidimensionale
Comm. = Commento
Tipo = Tipologia
- F = Flessionale
- M = Membranale
- W-RC = Winkler resistente solo a compressione
- W-RTC = Winkler resistente a trazione e a compressione

Uso = Utilizzo
- G = Generico
- P = Parete
- S = Soletta/Platea
- N = Nucleo
- M = Muratura
- L = Pilastro

Mat. = Numero del materiale
Crit. = Numero del criterio di progetto
Spess. = Spessore
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Tb	Comm.	Tipo	Uso	Mat.	Crit.	Spess. <cm>	Kt <kg/cmc>
1	soletta copertura	F	S	1	1	12.50	
3	Fondazione	W-RTC	S	1	1	40.00	3.00

Elenco elementi bidimensionali

Simbologia

Bid. = Numero del muro/elemento bidimensionale
Tb = Numero del tipo muro/elemento bidimensionale
N1 = Nodo 1
N2 = Nodo 2
N3 = Nodo 3
N4 = Nodo 4
FF = Filo fisso
Dy1 = Scost. filo fisso Y1
Dy2 = Scost. filo fisso Y2
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Bid.	Tb	N1	N2	N3	N4	FF	Dy1 <cm>	Dy2 <cm>	Kt <kg/cmc>	Bid.	Tb	N1	N2	N3	N4	FF	Dy1 <cm>	Dy2 <cm>	Kt <kg/cmc>
101	1	-2233	-2302	-2303	-2234	33	70.00	70.00		101	1	-3446	-3527	-3528	-3447	33	70.00	70.00	
401	3	-323	-344	-345	-324	33	0.00	0.00	3.00	401	3	-345	-366	-367	-346	33	0.00	0.00	3.00
402	3	-237	-243	-244	-238	33	0.00	0.00	3.00	402	3	-218	-224	-225	-219	33	0.00	0.00	3.00
403	3	-348	-369	-370	-349	33	0.00	0.00	3.00	403	3	-426	-447	-448	-427	33	0.00	0.00	3.00
404	3	-371	-391	14	-372	33	0.00	0.00	3.00	404	3	14	-409	-410	-392	33	0.00	0.00	3.00
405	3	-432	-453	-454	-433	33	0.00	0.00	3.00	405	3	-333	-354	-355	-334	33	0.00	0.00	3.00
406	3	-435	-456	-457	-436	33	0.00	0.00	3.00	406	3	-415	-436	-437	-416	33	0.00	0.00	3.00
407	3	-439	-460	-461	-440	33	0.00	0.00	3.00	407	3	-381	17	-398	-382	33	0.00	0.00	3.00
408	3	-363	-384	-385	-364	33	0.00	0.00	3.00	408	3	-383	-399	18	-384	33	0.00	0.00	3.00
409	3	-107	-128	-129	-108	33	0.00	0.00	3.00	409	3	-8	-29	-30	-9	33	0.00	0.00	3.00
410	3	-31	-52	-53	-32	33	0.00	0.00	3.00	410	3	-71	-89	-90	4	33	0.00	0.00	3.00
411	3	-92	-113	-114	-93	33	0.00	0.00	3.00	411	3	-113	-134	-135	-114	33	0.00	0.00	3.00
412	3	-58	-75	6	-59	33	0.00	0.00	3.00	412	3	-16	-37	-38	-17	33	0.00	0.00	3.00
413	3	-19	-40	-41	-20	33	0.00	0.00	3.00	413	3	-41	-62	-63	-42	33	0.00	0.00	3.00
414	3	-314	-320	-321	-315	33	0.00	0.00	3.00	414	3	-250	-268	-269	-251	33	0.00	0.00	3.00
415	3	-83	-104	-105	-84	33	0.00	0.00	3.00	415	3	-5	-26	-27	-6	33	0.00	0.00	3.00
416	3	-2	-23	-24	-3	33	0.00	0.00	3.00	416	3	-44	1	-66	-45	33	0.00	0.00	3.00
417	3	-187	-203	-204	-188	33	0.00	0.00	3.00	417	3	-177	-188	-189	-175	33	0.00	0.00	3.00

Carichi

Condizioni di carico elementari

Simbologia

CCE = Numero della condizione di carico elementare
Comm. = Commento
Mx = Moltiplicatore della massa in dir. X
My = Moltiplicatore della massa in dir. Y
Mz = Moltiplicatore della massa in dir. Z
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
Tipo CCE = Tipo di CCE per calcolo agli stati limite
Sicurezza = Contributo alla sicurezza
F = a favore
S = a sfavore
A = ambigua
Variabilità = Tipo di variabilità
B = di base
I = indipendente
A = ambigua

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sicurezza	Variabilità
1	Permanenti Strutturali	1.00	1.00	0.00	0.00	0.00	1.00	1 D.M. 08 Permanenti strutturali	S	--
2	Carico Neve	1.00	1.00	0.00	0.00	0.00	1.00	11 D.M. 08 Variabili Neve (a quota <= 1000 m s.l.m.)	S	B
3	Sisma X SLV	1.00	1.00	0.00	0.00	0.00	1.00	19 EX - SLV	S	--
4	Sisma Y SLV	1.00	1.00	0.00	0.00	0.00	1.00	20 EY - SLV	S	--
5	Sisma X SLD	1.00	1.00	0.00	0.00	0.00	1.00	21 EX - SLD	S	--
6	Sisma Y SLD	1.00	1.00	0.00	0.00	0.00	1.00	22 EY - SLD	S	--
7	Sisma X SLO	1.00	1.00	0.00	0.00	0.00	1.00	23 EX - SLO	S	--
8	Sisma Y SLO	1.00	1.00	0.00	0.00	0.00	1.00	24 EY - SLO	S	--
9	Peso Murature	1.00	1.00	0.00	0.00	0.00	1.00	2 D.M. 08 Permanenti non strutturali	S	--

Elenco carichi aste
Condizione di carico n. 1: Permanenti Strutturali
Carichi distribuiti

Simbologia

Asta = Numero dell'asta
N1 = Nodo iniziale
N2 = Nodo finale
S = Numero del solaio di provenienza
T = Tipo di carico
QA = Carico accidentale da solaio
QPS = Carico permanente strutturale da solaio
QPN = Carico permanente non strutturale da solaio

PP = Peso proprio
M = Manuale
DC = Direzione del carico
XG,YG,ZG = secondo gli assi Globali
XL,YL,ZL = secondo gli assi Locali
Xi = Distanza iniziale
Qi = Carico iniziale
Xf = Distanza finale
Qf = Carico finale

Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>	Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>
1	1	101	--	PP	ZG	0.00	1000.00	6.90	1000.00	2	2	102	--	PP	ZG	0.00	1000.00	6.90	1000.00
3	3	103	--	PP	ZG	0.00	1000.00	6.90	1000.00	4	4	104	--	PP	ZG	0.00	1000.00	6.90	1000.00
5	5	105	--	PP	ZG	0.00	1000.00	6.90	1000.00	6	6	106	--	PP	ZG	0.00	1000.00	6.90	1000.00
7	7	107	--	PP	ZG	0.00	1000.00	6.90	1000.00	8	8	108	--	PP	ZG	0.00	1000.00	6.90	1000.00
9	9	109	--	PP	ZG	0.00	1000.00	6.90	1000.00	10	10	110	--	PP	ZG	0.00	1000.00	6.90	1000.00
11	11	111	--	PP	ZG	0.00	1000.00	6.90	1000.00	12	12	112	--	PP	ZG	0.00	1000.00	6.90	1000.00
13	13	113	--	PP	ZG	0.00	1000.00	6.90	1000.00	14	14	114	--	PP	ZG	0.00	1000.00	6.90	1000.00
15	15	115	--	PP	ZG	0.00	1000.00	6.90	1000.00	16	16	116	--	PP	ZG	0.00	1000.00	6.90	1000.00
17	17	117	--	PP	ZG	0.00	1000.00	6.90	1000.00	18	18	118	--	PP	ZG	0.00	1000.00	6.90	1000.00
1001	119	-465	--	PP	ZG	0.00	736.25	0.33	736.25	1009	-537	-618	--	PP	ZG	0.00	575.00	0.33	575.00
4001	-64	-65	--	PP	ZG	0.00	1200.00	0.75	1200.00	4004	-386	-387	--	PP	ZG	0.00	1200.00	0.75	1200.00
4005	-64	-157	--	PP	ZG	0.00	1200.00	5.08	1200.00	4007	-123	-160	--	PP	ZG	0.00	500.00	3.88	500.00
4027	-79	-146	--	PP	ZG	0.00	1200.00	4.17	1200.00	4028	-66	-67	--	PP	ZG	0.00	1200.00	2.75	1200.00
4031	-388	-389	--	PP	ZG	0.00	1200.00	2.75	1200.00	4032	-301	-386	--	PP	ZG	0.00	1200.00	5.08	1200.00
4034	-304	-324	--	PP	ZG	0.00	500.00	3.88	500.00	4052	-212	-248	--	PP	ZG	0.00	500.00	1.80	500.00
4054	-215	-251	--	PP	ZG	0.00	1200.00	1.80	1200.00	4055	-68	-69	--	PP	ZG	0.00	1200.00	2.75	1200.00
4058	-390	-391	--	PP	ZG	0.00	1200.00	2.75	1200.00	4082	-70	-71	--	PP	ZG	0.00	1200.00	2.75	1200.00
4081	-320	-401	--	PP	ZG	0.00	1200.00	4.17	1200.00	4109	-72	-73	--	PP	ZG	0.00	1200.00	2.75	1200.00
4085	-392	-393	--	PP	ZG	0.00	1200.00	2.75	1200.00	4136	-74	-75	--	PP	ZG	0.00	1200.00	2.75	1200.00
4112	-394	-395	--	PP	ZG	0.00	1200.00	2.75	1200.00	4163	-76	-77	--	PP	ZG	0.00	1200.00	2.75	1200.00
4139	-396	-397	--	PP	ZG	0.00	1200.00	2.75	1200.00	4190	-78	-79	--	PP	ZG	0.00	1200.00	0.75	1200.00
4166	-398	-399	--	PP	ZG	0.00	1200.00	2.75	1200.00	4082	-70	-71	--	PP	ZG	0.00	1200.00	2.75	1200.00
4193	-400	-401	--	PP	ZG	0.00	1200.00	0.75	1200.00										

Elenco carichi aste
Condizione di carico n. 3: Sisma X SLV
Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>	Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>
1	1	101	--	M	XG	0.00	27.50	6.90	27.50	3	3	103	--	M	XG	0.00	21.10	6.90	21.10
5	5	105	--	M	XG	0.00	21.10	6.90	21.10	7	7	107	--	M	XG	0.00	27.50	6.90	27.50
12	12	112	--	M	XG	0.00	27.50	6.90	27.50	14	14	114	--	M	XG	0.00	21.10	6.90	21.10
16	16	116	--	M	XG	0.00	21.10	6.90	21.10	18	18	118	--	M	XG	0.00	27.50	6.90	27.50

Elenco carichi aste
Condizione di carico n. 4: Sisma Y SLV
Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>	Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>
1	1	101	--	M	YG	0.00	27.50	6.90	27.50	3	3	103	--	M	YG	0.00	21.10	6.90	21.10
5	5	105	--	M	YG	0.00	21.10	6.90	21.10	7	7	107	--	M	YG	0.00	27.50	6.90	27.50
12	12	112	--	M	YG	0.00	27.50	6.90	27.50	14	14	114	--	M	YG	0.00	21.10	6.90	21.10
16	16	116	--	M	YG	0.00	21.10	6.90	21.10	18	18	118	--	M	YG	0.00	27.50	6.90	27.50

Elenco carichi aste
Condizione di carico n. 5: Sisma X SLD
Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>	Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>
1	1	101	--	M	XG	0.00	41.60	6.90	41.60	3	3	103	--	M	XG	0.00	31.60	6.90	31.60
5	5	105	--	M	XG	0.00	31.60	6.90	31.60	7	7	107	--	M	XG	0.00	41.60	6.90	41.60
12	12	112	--	M	XG	0.00	41.60	6.90	41.60	14	14	114	--	M	XG	0.00	31.60	6.90	31.60
16	16	116	--	M	XG	0.00	31.60	6.90	31.60	18	18	118	--	M	XG	0.00	41.60	6.90	41.60

Elenco carichi aste
Condizione di carico n. 6: Sisma Y SLD
Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>	Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>
1	1	101	--	M	YG	0.00	41.20	6.90	41.20	3	3	103	--	M	YG	0.00	31.60	6.90	31.60
5	5	105	--	M	YG	0.00	31.60	6.90	31.60	7	7	107	--	M	YG	0.00	41.20	6.90	41.20
12	12	112	--	M	YG	0.00	41.20	6.90	41.20	14	14	114	--	M	YG	0.00	31.60	6.90	31.60
16	16	116	--	M	YG	0.00	31.60	6.90	31.60	18	18	118	--	M	YG	0.00	41.20	6.90	41.20

Elenco carichi aste
Condizione di carico n. 7: Sisma X SLO
Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>	Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>
1	1	101	--	M	XG	0.00	33.60	6.90	33.60	3	3	103	--	M	XG	0.00	25.70	6.90	25.70
5	5	105	--	M	XG	0.00	25.70	6.90	25.70	7	7	107	--	M	XG	0.00	33.60	6.90	33.60
12	12	112	--	M	XG	0.00	33.60	6.90	33.60	14	14	114	--	M	XG	0.00	25.70	6.90	25.70
16	16	116	--	M	XG	0.00	25.70	6.90	25.70	18	18	118	--	M	XG	0.00	33.60	6.90	33.60

Elenco carichi aste
Condizione di carico n. 8: Sisma Y SLO
Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>	Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>
1	1	101	--	M	YG	0.00	33.60	6.90	33.60	3	3	103	--	M	YG	0.00	25.70	6.90	25.70
5	5	105	--	M	YG	0.00	25.70	6.90	25.70	7	7	107	--	M	YG	0.00	33.60	6.90	33.60
12	12	112	--	M	YG	0.00	33.60	6.90	33.60	14	14	114	--	M	YG	0.00	25.70	6.90	25.70
16	16	116	--	M	YG	0.00	25.70	6.90	25.70	18	18	118	--	M	YG	0.00	33.60	6.90	33.60

Elenco carichi aste
Condizione di carico n. 9: Peso Murature
Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>	Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>
4001	-64	-65	--	M	ZG	0.00	3230.00	0.75	3230.00	4004	-386	-387	--	M	ZG	0.00	3230.00	0.75	3230.00
4005	-64	-157	--	M	ZG	0.00	3230.00	5.08	3230.00	4027	-79	-146	--	M	ZG	0.00	3230.00	4.17	3230.00
4028	-66	-67	--	M	ZG	0.00	3230.00	2.75	3230.00	4031	-388	-389	--	M	ZG	0.00	3230.00	2.75	3230.00
4032	-301	-386	--	M	ZG	0.00	3230.00	5.08	3230.00	4054	-215	-251	--	M	ZG	0.00	3230.00	1.80	3230.00
4055	-68	-69	--	M	ZG	0.00	3230.00	2.75	3230.00	4058	-390	-391	--	M	ZG	0.00	3230.00	2.75	3230.00
4081	-320	-401	--	M	ZG	0.00	3230.00	4.17	3230.00	4082	-70	-71	--	M	ZG	0.00	3230.00	2.75	3230.00
4085	-392	-393	--	M	ZG	0.00	3230.00	2.75	3230.00	4109	-72	-73	--	M	ZG	0.00	3230.00	2.75	3230.00
4112	-394	-395	--	M	ZG	0.00	3230.00	2.75	3230.00	4136	-74	-75	--	M	ZG	0.00	3230.00	2.75	3230.00
4139	-396	-397	--	M	ZG	0.00	3230.00	2.75	3230.00	4163	-76	-77	--	M	ZG	0.00	3230.00	2.75	3230.00
4166	-398	-399	--	M	ZG	0.00	3230.00	2.75	3230.00	4190	-78	-79	--	M	ZG	0.00	3230.00	0.75	3230.00
4193	-400	-401	--	M	ZG	0.00	3230.00	0.75	3230.00										

Elenco carichi elementi bidimensionali
Condizione di carico n. 1: Permanenti Strutturali
Carichi uniformi

Simbologia

Bid. = Numero del muro/elemento bidimensionale
N1 = Nodo1
N2 = Nodo2
N3 = Nodo3
N4 = Nodo4
T = Tipo di carico
PP = Peso proprio
M = Manuale
DC = Direzione del carico
G = secondo gli assi Globali
L = secondo gli assi Locali
Qx = Carico in dir. X
Qy = Carico in dir. Y
Qz = Carico in dir. Z

Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>
101	-2233	-2302	-2303	-2234	PP	G	0.00	0.00	312.50
401	-323	-344	-345	-324	PP	G	0.00	0.00	1000.00
402	-237	-243	-244	-238	PP	G	0.00	0.00	1000.00
403	-348	-369	-370	-349	PP	G	0.00	0.00	1000.00
404	-371	-391	14	-372	PP	G	0.00	0.00	1000.00
405	-432	-453	-454	-433	PP	G	0.00	0.00	1000.00
406	-435	-456	-457	-436	PP	G	0.00	0.00	1000.00
407	-439	-460	-461	-440	PP	G	0.00	0.00	1000.00
408	-363	-384	-385	-364	PP	G	0.00	0.00	1000.00
409	-107	-128	-129	-108	PP	G	0.00	0.00	1000.00
410	-31	-52	-53	-32	PP	G	0.00	0.00	1000.00
411	-92	-113	-114	-93	PP	G	0.00	0.00	1000.00
412	-58	-75	6	-59	PP	G	0.00	0.00	1000.00
413	-19	-40	-41	-20	PP	G	0.00	0.00	1000.00
414	-314	-320	-321	-315	PP	G	0.00	0.00	1000.00

415	-83	-104	-105	-84	PP	G	0.00	0.00	1000.00
416	-2	-23	-24	-3	PP	G	0.00	0.00	1000.00
417	-187	-203	-204	-188	PP	G	0.00	0.00	1000.00

Elenco carichi elementi bidimensionali
Condizione di carico n. 2: Carico Neve
Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>	Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>
101	-2233	-2302	-2303	-2234	M	G	0.00	0.00	100.00	101	-3446	-3527	-3528	-3447	M	G	0.00	0.00	100.00

Risultati del calcolo

Sollecitazioni aste

Simbologia

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

Asta	N1	N2	X <cm>	N <kg>	CC	Ty <kg>	CC	Mz <kgm>	CC	Tz <kg>	CC	My <kgm>	CC	Mx <kgm>	CC
1009	122	-537	Max 0.00	0.00	1	0.00	1	0.00	13	5190.78	27	-1912.16	19	749.83	19
1009	122	-537	Max 32.60	0.00	1	0.00	1	0.00	1	4947.10	27	-610.28	19	749.83	19
1009	122	-537	Min. 0.00	0.00	1	0.00	13	0.00	1	2507.96	7	-11612.00	7	152.65	7
1009	122	-537	Min. 32.60	0.00	1	0.00	13	0.00	13	2320.51	7	-10751.50	7	152.65	7
1009	-537	-618	Max 0.00	0.00	1	0.00	13	0.00	13	7307.33	25	-326.39	19	1012.21	26
1009	-537	-618	Max 32.60	0.00	1	0.00	13	0.00	13	7063.65	25	1137.22	19	1012.21	26
1009	-537	-618	Min. 0.00	0.00	1	0.00	1	0.00	1	4268.98	13	-10523.00	7	542.13	1
1009	-537	-618	Min. 32.60	0.00	1	0.00	1	0.00	1	4081.53	13	-8932.03	7	542.13	1
1009	-618	-699	Max 0.00	0.00	1	0.00	13	0.00	13	8155.06	28	1462.49	19	1210.32	26
1009	-618	-699	Max 32.60	0.00	1	0.00	13	0.00	13	7911.38	28	2983.57	19	1210.32	26
1009	-618	-699	Min. 0.00	0.00	1	0.00	1	0.00	1	4653.47	19	-8497.91	7	687.83	1
1009	-618	-699	Min. 32.60	0.00	1	0.00	1	0.00	1	4466.02	19	-6611.05	7	687.83	1
1009	-699	-780	Max 0.00	0.00	1	0.00	13	0.00	13	7878.11	28	3307.26	19	1225.50	26
1009	-699	-780	Max 32.60	0.00	1	0.00	13	0.00	13	7634.43	28	4787.79	19	1225.50	26
1009	-699	-780	Min. 0.00	0.00	1	0.00	1	0.00	1	4448.56	19	-6193.45	7	689.46	1
1009	-699	-780	Min. 32.60	0.00	1	0.00	1	0.00	1	4261.11	19	-4386.10	7	689.46	1
1009	-780	-861	Max 0.00	0.00	1	0.00	13	0.00	1	7398.20	28	5085.54	19	1192.06	26
1009	-780	-861	Max 32.60	0.00	1	0.00	13	0.00	13	7154.52	28	6466.85	19	1192.06	26
1009	-780	-861	Min. 0.00	0.00	1	0.00	1	0.00	13	4179.20	19	-4011.12	7	668.06	1
1009	-780	-861	Min. 32.60	0.00	1	0.00	1	0.00	1	3991.75	19	-2307.91	7	668.06	1
1009	-861	-941	Max 0.00	0.00	1	0.00	1	0.00	13	6908.79	28	6740.37	19	1155.31	26
1009	-861	-941	Max 32.60	0.00	1	0.00	1	0.00	1	6665.10	28	8020.46	19	1155.31	26
1009	-861	-941	Min. 0.00	0.00	1	0.00	13	0.00	1	3898.81	19	-1965.63	7	645.42	1
1009	-861	-941	Min. 32.60	0.00	1	0.00	13	0.00	13	3711.36	19	-368.03	7	645.42	1
1009	-941	-1021	Max 0.00	0.00	1	0.00	13	0.00	1	6449.16	28	8272.01	19	1118.14	26
1009	-941	-1021	Max 32.60	0.00	1	0.00	13	0.00	13	6205.47	28	9455.02	19	1118.14	26
1009	-941	-1021	Min. 0.00	0.00	1	0.00	1	0.00	13	3625.34	19	-50.12	7	622.81	1
1009	-941	-1021	Min. 32.60	0.00	1	0.00	1	0.00	1	3437.89	19	1450.46	7	622.81	1
1009	-1021	-1102	Max 0.00	0.00	1	0.00	1	0.00	13	6031.03	28	9686.86	19	1074.52	26
1009	-1021	-1102	Max 32.60	0.00	1	0.00	1	0.00	1	5787.35	28	10780.30	19	1074.52	26
1009	-1021	-1102	Min. 0.00	0.00	1	0.00	13	0.00	1	3369.69	19	1748.25	7	596.51	1
1009	-1021	-1102	Min. 32.60	0.00	1	0.00	13	0.00	13	3182.24	19	3161.92	7	596.51	1
1009	-1102	-1183	Max 0.00	0.00	1	0.00	13	0.00	1	5666.87	28	11126.00	27	1019.63	26
1009	-1102	-1183	Max 32.60	0.00	1	0.00	13	0.00	13	5423.19	28	12922.20	27	1019.63	26
1009	-1102	-1183	Min. 0.00	0.00	1	0.00	1	0.00	13	3140.32	19	3442.98	7	564.44	1
1009	-1102	-1183	Min. 32.60	0.00	1	0.00	1	0.00	1	2952.87	19	4783.15	7	564.44	1
1009	-1183	-1264	Max 0.00	0.00	1	0.00	1	0.00	13	5376.32	28	13283.50	27	956.02	26
1009	-1183	-1264	Max 32.60	0.00	1	0.00	1	0.00	1	5132.64	28	14984.70	27	956.02	26
1009	-1183	-1264	Min. 0.00	0.00	1	0.00	13	0.00	1	2945.93	19	5053.14	7	529.49	1
1009	-1183	-1264	Min. 32.60	0.00	1	0.00	13	0.00	13	2758.48	19	6338.42	7	529.49	1
1009	-1264	-1342	Max 0.00	0.00	1	0.00	13	0.00	1	5142.24	28	15323.10	27	899.47	26
1009	-1264	-1342	Max 31.25	0.00	1	0.00	13	0.00	1	4908.65	28	16882.00	27	899.47	26
1009	-1264	-1342	Min. 0.00	0.00	1	0.00	1	0.00	13	2784.60	19	6595.05	7	500.66	1
1009	-1264	-1342	Min. 31.25	0.00	1	0.00	1	0.00	13	2604.91	19	7785.39	7	500.66	1
1009	-1342	-1405	Max 0.00	0.00	1	0.00	13	0.00	1	4845.98	28	17203.50	27	864.75	26
1009	-1342	-1405	Max 31.25	0.00	1	0.00	13	0.00	7	4612.39	28	18669.50	27	864.75	26

1009	-1342	-1405 Min.	0.00	0.00	1	0.00	1	0.00	13	2575.28	19	8032.52	7	486.23	1
1009	-1342	-1405 Min.	31.25	0.00	1	0.00	1	0.00	19	2395.59	19	9166.88	7	486.23	1
1009	-1405	-1468 Max	0.00	0.00	1	0.00	13	0.00	1	4519.67	28	18973.10	27	855.71	26
1009	-1405	-1468 Max	31.25	0.00	1	0.00	13	0.00	1	4286.08	28	20337.00	27	855.71	26
1009	-1405	-1468 Min.	0.00	0.00	1	0.00	1	0.00	13	2355.02	19	9402.65	7	487.44	1
1009	-1405	-1468 Min.	31.25	0.00	1	0.00	1	0.00	13	2175.33	19	10470.20	7	487.44	1
1009	-1468	-1534 Max	0.00	0.00	1	0.00	1	0.00	1	3941.51	28	20612.60	27	877.41	26
1009	-1468	-1534 Max	31.25	0.00	1	0.00	1	0.00	1	3707.91	28	21795.80	27	877.41	26
1009	-1468	-1534 Min.	0.00	0.00	1	0.00	13	0.00	13	1964.65	19	10687.20	7	507.77	1
1009	-1468	-1534 Min.	31.25	0.00	1	0.00	13	0.00	13	1784.96	19	11637.60	7	507.77	1
1009	-1534	-1615 Max	0.00	0.00	1	0.00	13	0.00	1	3456.02	28	22025.60	27	884.83	26
1009	-1534	-1615 Max	33.00	0.00	1	0.00	13	0.00	13	3209.34	28	23112.60	27	884.83	26
1009	-1534	-1615 Min.	0.00	0.00	1	0.00	1	0.00	13	1644.67	19	11826.30	7	518.38	1
1009	-1534	-1615 Min.	33.00	0.00	1	0.00	1	0.00	1	1454.92	19	12724.40	7	518.38	1
1009	-1615	-1696 Max	0.00	0.00	1	0.00	13	0.00	37	2918.11	28	23294.00	27	853.17	26
1009	-1615	-1696 Max	33.00	0.00	1	0.00	13	0.00	13	2671.43	28	24203.30	27	853.17	26
1009	-1615	-1696 Min.	0.00	0.00	1	0.00	1	0.00	26	1286.02	19	12883.50	7	503.12	1
1009	-1615	-1696 Min.	33.00	0.00	1	0.00	1	0.00	1	1096.27	19	13668.50	7	503.12	1
1009	-1696	-1777 Max	0.00	0.00	1	0.00	13	0.00	1	2523.75	28	24358.40	27	766.42	26
1009	-1696	-1777 Max	33.00	0.00	1	0.00	13	0.00	1	2277.07	28	25137.60	27	766.42	26
1009	-1696	-1777 Min.	0.00	0.00	1	0.00	1	0.00	13	1027.55	19	13810.70	7	451.32	1
1009	-1696	-1777 Min.	33.00	0.00	1	0.00	1	0.00	13	837.80	19	14512.70	7	451.32	1
1009	-1777	-1857 Max	0.00	0.00	1	0.00	1	0.00	1	2212.64	28	25279.50	27	655.08	26
1009	-1777	-1857 Max	33.00	0.00	1	0.00	1	0.00	25	1965.96	28	25956.00	27	655.08	26
1009	-1777	-1857 Min.	0.00	0.00	1	0.00	13	0.00	1	826.50	19	14645.80	7	383.23	1
1009	-1777	-1857 Min.	33.00	0.00	1	0.00	13	0.00	13	636.75	19	15281.90	7	383.23	1
1009	-1857	-1937 Max	0.00	0.00	1	0.00	13	0.00	1	1888.98	28	26080.10	27	543.75	26
1009	-1857	-1937 Max	33.00	0.00	1	0.00	13	0.00	13	1642.30	28	26649.70	27	543.75	26
1009	-1857	-1937 Min.	0.00	0.00	1	0.00	1	0.00	13	616.12	19	15403.30	7	315.22	1
1009	-1857	-1937 Min.	33.00	0.00	1	0.00	1	0.00	1	426.37	19	15971.10	7	315.22	1
1009	-1937	-2016 Max	0.00	0.00	1	0.00	1	0.00	1	1618.57	7	26752.90	27	436.31	26
1009	-1937	-2016 Max	33.00	0.00	1	0.00	1	0.00	1	1428.82	7	27213.70	27	436.31	26
1009	-1937	-2016 Min.	0.00	0.00	1	0.00	13	0.00	1	401.59	19	16078.90	7	249.93	1
1009	-1937	-2016 Min.	33.00	0.00	1	0.00	13	0.00	13	211.84	19	16577.40	7	249.93	1
1009	-2016	-2098 Max	0.00	0.00	1	0.00	13	0.00	2	1405.97	7	27295.00	27	333.03	28
1009	-2016	-2098 Max	32.34									18536.70	22		
1009	-2016	-2098 Max	33.00	0.00	1	0.00	13	0.00	13	1216.22	7	27647.60	25	333.03	28
1009	-2016	-2098 Min.	0.00	0.00	1	0.00	1	0.00	3	187.66	19	16671.10	7	182.97	7
1009	-2016	-2098 Min.	32.34									17570.50	22		
1009	-2016	-2098 Min.	33.00	0.00	1	0.00	1	0.00	1	-2.09	19	17096.90	1	182.97	7
1009	-2098	-2179 Max	0.00	0.00	1	0.00	1	0.00	37	1195.91	7	27708.40	25	233.19	28
1009	-2098	-2179 Max	6.60									18892.10	7		
1009	-2098	-2179 Max	33.00	0.00	1	0.00	1	0.00	1	1006.16	7	27960.30	25	233.19	28
1009	-2098	-2179 Min.	0.00	0.00	1	0.00	13	0.00	26	-22.95	19	17148.40	1	117.49	7
1009	-2098	-2179 Min.	6.60									17257.10	7		
1009	-2098	-2179 Min.	33.00	0.00	1	0.00	13	0.00	13	-212.70	19	17372.60	1	117.49	7
1009	-2179	-2260 Max	0.00	0.00	1	0.00	13	0.00	1	990.40	7	27999.20	25	138.44	28
1009	-2179	-2260 Max	12.63									18595.20	21		
1009	-2179	-2260 Max	31.25	0.00	1	0.00	13	0.00	1	810.72	7	28141.00	25	138.44	28
1009	-2179	-2260 Min.	0.00	0.00	1	0.00	1	0.00	13	-229.00	19	17410.00	1	55.97	7
1009	-2179	-2260 Min.	12.63									18011.80	21		
1009	-2179	-2260 Min.	31.25	0.00	1	0.00	1	0.00	13	-408.68	19	17561.30	1	55.97	7
1009	-2260	-2329 Max	0.00	0.00	1	0.00	13	0.00	1	796.69	7	28159.70	25	62.52	19
1009	-2260	-2329 Max	7.22									19107.80	1		
1009	-2260	-2329 Max	31.25	0.00	1	0.00	13	0.00	1	617.00	7	28208.50	25	62.52	19
1009	-2260	-2329 Min.	0.00	0.00	1	0.00	1	0.00	13	-420.92	19	17585.70	1	-2.37	7
1009	-2260	-2329 Min.	7.22									17612.10	1		
1009	-2260	-2329 Min.	31.25	0.00	1	0.00	1	0.00	13	-600.61	19	17678.40	1	-2.37	7
1009	-2329	-2398 Max	0.00	0.00	1	0.00	13	0.00	1	604.93	7	28208.90	25	3.22	19
1009	-2329	-2398 Max	1.06									21243.70	32		
1009	-2329	-2398 Max	31.25	0.00	1	0.00	13	0.00	1	425.24	7	28165.20	25	3.22	19
1009	-2329	-2398 Min.	0.00	0.00	1	0.00	1	0.00	13	-612.68	19	17678.50	13	-61.66	7
1009	-2329	-2398 Min.	24.25									17612.50	13		
1009	-2329	-2398 Min.	31.25	0.00	1	0.00	1	0.00	13	-792.37	19	17587.20	13	-61.66	7
1009	-2398	-2467 Max	0.00	0.00	1	0.00	13	0.00	1	413.02	7	28147.50	25	-55.13	19
1009	-2398	-2467 Max	18.75									18598.30	9		
1009	-2398	-2467 Max	31.25	0.00	1	0.00	13	0.00	1	233.33	7	28010.70	25	-55.13	19
1009	-2398	-2467 Min.	0.00	0.00	1	0.00	1	0.00	13	-806.38	19	17563.10	13	-135.29	27
1009	-2398	-2467 Min.	18.75									18014.20	9		
1009	-2398	-2467 Min.	31.25	0.00	1	0.00	1	0.00	13	-986.07	19	17413.10	13	-135.29	27
1009	-2467	-2548 Max	0.00	0.00	1	0.00	1	0.00	1	217.06	7	27972.80	25	-116.67	19
1009	-2467	-2548 Max	26.61									18896.60	19		
1009	-2467	-2548 Max	33.00	0.00	1	0.00	1	0.00	38	27.31	7	27726.20	25	-116.67	19
1009	-2467	-2548 Min.	0.00	0.00	1	0.00	13	0.00	1	-1001.80	19	17376.00	13	-230.13	27
1009	-2467	-2548 Min.	26.61									17259.30	19		
1009	-2467	-2548 Min.	33.00	0.00	1	0.00	13	0.00	25	-1191.55	19	17153.20	13	-230.13	27
1009	-2548	-2629 Max	0.00	0.00	1	0.00	13	0.00	1	6.50	7	27666.40	25	-182.18	19
1009	-2548	-2629 Max	1.08									18541.80	10		
1009	-2548	-2629 Max	33.00	0.00	1	0.00	13	0.00	13	-183.25	7	27319.30	28	-182.18	19
1009	-2548	-2629 Min.	0.00	0.00	1	0.00	1	0.00	13	-1211.81	19	17101.90	13	-330.08	27
1009	-2548	-2629 Min.	1.08									17570.70	10		

1009	-2548	-2629 Min.	33.00	0.00	1	0.00	1	0.00	1	-1401.56	19	16677.60	19	-330.08	27
1009	-2629	-2709 Max	0.00	0.00	1	0.00	1	0.00	3	-207.37	7	27239.10	28	-249.19	13
1009	-2629	-2709 Max	33.00	0.00	1	0.00	1	0.00	1	-397.12	7	26783.70	28	-249.19	13
1009	-2629	-2709 Min.	0.00	0.00	1	0.00	13	0.00	1	-1424.34	19	16584.20	19	-433.53	26
1009	-2629	-2709 Min.	33.00	0.00	1	0.00	13	0.00	13	-1614.09	19	16087.20	19	-433.53	26
1009	-2709	-2789 Max	0.00	0.00	1	0.00	13	0.00	1	-421.81	7	26681.70	28	-314.53	13
1009	-2709	-2789 Max	33.00	0.00	1	0.00	13	0.00	13	-611.56	7	26117.60	28	-314.53	13
1009	-2709	-2789 Min.	0.00	0.00	1	0.00	1	0.00	13	-1637.11	19	15979.70	19	-541.19	26
1009	-2709	-2789 Min.	33.00	0.00	1	0.00	1	0.00	1	-1872.04	27	15413.30	19	-541.19	26
1009	-2789	-2871 Max	0.00	0.00	1	0.00	1	0.00	1	-632.09	7	25994.60	28	-382.62	13
1009	-2789	-2871 Max	33.00	0.00	1	0.00	1	0.00	1	-821.84	7	25323.80	28	-382.62	13
1009	-2789	-2871 Min.	0.00	0.00	1	0.00	13	0.00	1	-1948.63	27	15292.30	19	-652.81	26
1009	-2789	-2871 Min.	33.00	0.00	1	0.00	13	0.00	13	-2195.31	27	14657.70	19	-652.81	26
1009	-2871	-2950 Max	0.00	0.00	1	0.00	1	0.00	1	-833.00	7	25183.10	28	-450.80	13
1009	-2871	-2950 Max	33.00	0.00	1	0.00	1	0.00	1	-1022.75	7	24409.80	28	-450.80	13
1009	-2871	-2950 Min.	0.00	0.00	1	0.00	13	0.00	1	-2259.22	27	14524.90	19	-764.48	26
1009	-2871	-2950 Min.	33.00	0.00	1	0.00	13	0.00	13	-2505.90	27	13824.50	19	-764.48	26
1009	-2950	-3031 Max	0.00	0.00	1	0.00	13	0.00	1	-1091.32	7	24255.90	28	-502.69	13
1009	-2950	-3031 Max	33.00	0.00	1	0.00	13	0.00	13	-1281.07	7	23352.70	28	-502.69	13
1009	-2950	-3031 Min.	0.00	0.00	1	0.00	1	0.00	1	-2653.06	27	13682.70	19	-851.57	26
1009	-2950	-3031 Min.	33.00	0.00	1	0.00	1	0.00	1	-2899.74	27	12899.30	19	-851.57	26
1009	-3031	-3112 Max	0.00	0.00	1	0.00	13	0.00	1	-1449.82	7	23172.60	28	-518.02	13
1009	-3031	-3112 Max	33.00	0.00	1	0.00	13	0.00	13	-1639.57	7	22091.90	28	-518.02	13
1009	-3031	-3112 Min.	0.00	0.00	1	0.00	1	0.00	1	-3190.41	27	12740.60	19	-883.49	26
1009	-3031	-3112 Min.	33.00	0.00	1	0.00	1	0.00	1	-3437.08	27	11844.20	19	-883.49	26
1009	-3112	-3190 Max	0.00	0.00	1	0.00	13	0.00	1	-1779.62	7	21863.30	28	-507.45	13
1009	-3112	-3190 Max	31.25	0.00	1	0.00	13	0.00	1	-1959.31	7	20686.30	28	-507.45	13
1009	-3112	-3190 Min.	0.00	0.00	1	0.00	1	0.00	13	-3688.06	27	11655.80	19	-876.22	26
1009	-3112	-3190 Min.	31.25	0.00	1	0.00	1	0.00	13	-3921.65	27	10707.00	19	-876.22	26
1009	-3190	-3253 Max	0.00	0.00	1	0.00	13	0.00	1	-2169.92	7	20412.10	28	-487.13	13
1009	-3190	-3253 Max	31.25	0.00	1	0.00	13	0.00	13	-2349.61	7	19054.40	28	-487.13	13
1009	-3190	-3253 Min.	0.00	0.00	1	0.00	1	0.00	1	-4265.98	27	10490.40	19	-854.55	26
1009	-3190	-3253 Min.	31.25	0.00	1	0.00	1	0.00	1	-4499.58	27	9424.51	19	-854.55	26
1009	-3253	-3316 Max	0.00	0.00	1	0.00	13	0.00	1	-2389.96	7	18752.10	28	-485.91	13
1009	-3253	-3316 Max	31.25	0.00	1	0.00	13	0.00	19	-2569.65	7	17292.60	28	-485.91	13
1009	-3253	-3316 Min.	0.00	0.00	1	0.00	1	0.00	1	-4591.45	27	9189.10	19	-863.58	26
1009	-3253	-3316 Min.	31.25	0.00	1	0.00	1	0.00	7	-4825.04	27	8056.50	19	-863.58	26
1009	-3316	-3382 Max	0.00	0.00	1	0.00	13	0.00	1	-2599.33	7	16972.50	28	-500.33	13
1009	-3316	-3382 Max	31.25	0.00	1	0.00	13	0.00	1	-2779.02	7	15420.10	28	-500.33	13
1009	-3316	-3382 Min.	0.00	0.00	1	0.00	1	0.00	13	-4887.90	27	7809.74	19	-898.22	26
1009	-3316	-3382 Min.	31.25	0.00	1	0.00	1	0.00	13	-5121.50	27	6621.14	19	-898.22	26
1009	-3382	-3463 Max	0.00	0.00	1	0.00	13	0.00	1	-2752.74	7	15083.10	28	-529.16	13
1009	-3382	-3463 Max	32.60	0.00	1	0.00	13	0.00	13	-2940.19	7	13388.80	28	-529.16	13
1009	-3382	-3463 Min.	0.00	0.00	1	0.00	1	0.00	13	-5111.29	27	6364.89	19	-954.82	26
1009	-3382	-3463 Min.	32.60	0.00	1	0.00	1	0.00	1	-5354.97	27	5081.48	19	-954.82	26
1009	-3463	-3544 Max	0.00	0.00	1	0.00	1	0.00	13	-2947.01	7	13028.90	28	-564.18	13
1009	-3463	-3544 Max	32.60	0.00	1	0.00	1	0.00	1	-3134.46	7	11239.80	28	-564.18	13
1009	-3463	-3544 Min.	0.00	0.00	1	0.00	13	0.00	1	-5401.41	27	4811.86	19	-1018.66	26
1009	-3463	-3544 Min.	32.60	0.00	1	0.00	13	0.00	13	-5645.09	27	3473.60	19	-1018.66	26
1009	-3544	-3625 Max	0.00	0.00	1	0.00	1	0.00	13	-3176.15	7	10861.70	28	-596.36	13
1009	-3544	-3625 Max	32.60	0.00	1	0.00	1	0.00	1	-3363.60	7	9719.86	7	-596.36	13
1009	-3544	-3625 Min.	0.00	0.00	1	0.00	13	0.00	1	-5764.67	27	3192.92	19	-1073.95	26
1009	-3544	-3625 Min.	32.60	0.00	1	0.00	13	0.00	13	-6008.35	27	1781.25	19	-1073.95	26
1009	-3625	-3705 Max	0.00	0.00	1	0.00	13	0.00	1	-3431.45	7	9488.44	7	-622.78	13
1009	-3625	-3705 Max	32.60	0.00	1	0.00	13	0.00	1	-3618.90	7	8307.53	7	-622.78	13
1009	-3625	-3705 Min.	0.00	0.00	1	0.00	1	0.00	13	-6181.53	27	1483.88	19	-1118.00	26
1009	-3625	-3705 Min.	32.60	0.00	1	0.00	1	0.00	13	-6425.21	27	-14.60	19	-1118.00	26
1009	-3705	-3785 Max	0.00	0.00	1	0.00	1	0.00	13	-3704.52	7	8056.44	7	-645.47	13
1009	-3705	-3785 Max	32.60	0.00	1	0.00	1	0.00	1	-3891.97	7	6778.58	7	-645.47	13
1009	-3705	-3785 Min.	0.00	0.00	1	0.00	13	0.00	1	-6639.66	27	-332.05	19	-1155.49	26
1009	-3705	-3785 Min.	32.60	0.00	1	0.00	13	0.00	13	-6883.34	27	-1927.42	19	-1155.49	26
1009	-3785	-3866 Max	0.00	0.00	1	0.00	13	0.00	1	-3984.42	7	6505.56	7	-668.16	13
1009	-3785	-3866 Max	32.60	0.00	1	0.00	13	0.00	13	-4171.87	7	5126.64	7	-668.16	13
1009	-3785	-3866 Min.	0.00	0.00	1	0.00	1	0.00	13	-7127.24	27	-2269.20	19	-1192.42	26
1009	-3785	-3866 Min.	32.60	0.00	1	0.00	1	0.00	1	-7370.93	27	-3970.02	19	-1192.42	26
1009	-3866	-3947 Max	0.00	0.00	1	0.00	13	0.00	1	-4253.27	7	4829.47	7	-689.60	13
1009	-3866	-3947 Max	32.60	0.00	1	0.00	13	0.00	1	-4440.72	7	3351.49	7	-689.60	13
1009	-3866	-3947 Min.	0.00	0.00	1	0.00	1	0.00	13	-7605.28	27	-4344.42	19	-1226.03	26
1009	-3866	-3947 Min.	32.60	0.00	1	0.00	1	0.00	13	-7848.96	27	-6149.21	19	-1226.03	26
1009	-3947	-4028 Max	0.00	0.00	1	0.00	1	0.00	1	-4458.48	7	3028.50	7	-688.27	13
1009	-3947	-4028 Max	32.60	0.00	1	0.00	1	0.00	1	-4645.93	7	1509.88	7	-688.27	13
1009	-3947	-4028 Min.	0.00	0.00	1	0.00	13	0.00	13	-7883.33	27	-6566.12	19	-1211.95	26
1009	-3947	-4028 Min.	32.60	0.00	1	0.00	13	0.00	13	-8127.02	27	-8450.52	19	-1211.95	26
1009	-4028	-4109 Max	0.00	0.00	1	0.00	1	0.00	13	-4079.13	1	1185.26	7	-543.81	13
1009	-4028	-4109 Max	32.60	0.00	1	0.00	1	0.00	1	-4266.58	1	-277.57	7	-543.81	13
1009	-4028	-4109 Min.	0.00	0.00	1	0.00	13	0.00	1	-7054.74	25	-8884.00	19	-1018.43	26
1009	-4028	-4109 Min.	32.60	0.00	1	0.00	13	0.00	13	-7298.42	25	-10474.20	19	-1018.43	26
1009	-4109	144 Max	0.00	0.00	1	0.00	13	0.00	13	-2326.72	19	-561.68	7	-156.15	19
1009	-4109	144 Max	32.60	0.00	1	0.00	13	0.00	13	-2514.17	19	-1865.58	7	-156.15	19
1009	-4109	144 Min.	0.00	0.00	1	0.00	1	0.00	1	-4970.17	28	-10703.00	19	-753.34	7
1009	-4109	144 Min.	32.60	0.00	1	0.00	1	0.00	1	-5213.85	28	-11565.40	19	-753.34	7

4001	-64	-65 Max	0.00	0.00	1	0.00	1	0.00	1	5870.61	2	-218.89	19	11281.10	7
4001	-64	-65 Max	58.50									-202.45	7		
4001	-64	-65 Max	75.00	0.00	1	0.00	1	0.00	1	8301.46	2	3397.62	13	11281.10	7
4001	-64	-65 Min.	0.00	0.00	1	0.00	1	0.00	1	-4934.24	1	-2505.54	7	-6474.70	19
4001	-64	-65 Min.	58.50									-2532.80	7		
4001	-64	-65 Min.	75.00	0.00	1	0.00	1	0.00	1	-6405.68	1	-5195.34	1	-6474.70	19
4004	-386	-387 Max	0.00	0.00	1	0.00	1	0.00	1	6186.91	2	-209.61	7	6629.45	7
4004	-386	-387 Max	58.91									-191.69	19		
4004	-386	-387 Max	75.00	0.00	1	0.00	1	0.00	1	8680.90	2	3513.00	2	6629.45	7
4004	-386	-387 Min.	0.00	0.00	1	0.00	1	0.00	1	-4931.83	13	-2496.27	19	-11126.30	19
4004	-386	-387 Min.	58.91									-2525.01	19		
4004	-386	-387 Min.	75.00	0.00	1	0.00	1	0.00	1	-6415.80	13	-5188.97	13	-11126.30	19
4005	-64	-157 Max	0.00	0.00	1	0.00	1	0.00	1	4934.26	1	6474.70	19	-218.89	19
4005	-64	-157 Max	90.14									5784.45	7		
4005	-64	-157 Max	507.50	0.00	1	0.00	1	0.00	1	8070.13	7	6615.48	7	-218.89	19
4005	-64	-157 Min.	0.00	0.00	1	0.00	1	0.00	1	-5870.61	2	-11281.10	7	-2505.54	7
4005	-64	-157 Min.	90.14									-11342.40	7		
4005	-64	-157 Min.	507.50	0.00	1	0.00	1	0.00	1	-10607.50	19	-11807.90	19	-2505.54	7
4027	-79	-146 Max	0.00	0.00	1	0.00	1	0.00	1	4544.38	13	5995.60	7	2684.38	19
4027	-79	-146 Max	36.32									4468.28	22		
4027	-79	-146 Max	417.50	0.00	1	0.00	1	0.00	1	6307.42	19	3510.48	19	2684.38	19
4027	-79	-146 Min.	0.00	0.00	1	0.00	1	0.00	1	-5666.33	2	-10063.80	19	609.64	7
4027	-79	-146 Min.	36.32									-9647.46	22		
4027	-79	-146 Min.	417.50	0.00	1	0.00	1	0.00	1	-8860.17	7	-9959.19	7	609.64	7
4028	-66	-67 Max	0.00	0.00	1	0.00	1	0.00	1	4544.36	13	5533.48	1	2981.78	7
4028	-66	-67 Max	42.00									157.38	2		
4028	-66	-67 Max	275.00	0.00	1	0.00	1	0.00	1	9366.39	13	7647.96	13	2981.78	7
4028	-66	-67 Min.	0.00	0.00	1	0.00	1	0.00	1	-5033.19	2	-10762.50	13	135.43	19
4028	-66	-67 Min.	42.00									-4927.20	2		
4028	-66	-67 Min.	275.00	0.00	1	0.00	1	0.00	1	-3448.17	1	-6250.72	1	135.43	19
4031	-388	-389 Max	0.00	0.00	1	0.00	1	0.00	1	4571.66	1	5525.72	13	-142.13	7
4031	-388	-389 Max	25.82									310.48	2		
4031	-388	-389 Max	275.00	0.00	1	0.00	1	0.00	1	9357.99	1	7662.48	1	-142.13	7
4031	-388	-389 Min.	0.00	0.00	1	0.00	1	0.00	1	-4890.98	13	-10770.30	1	-2988.48	19
4031	-388	-389 Min.	25.82									-5425.18	2		
4031	-388	-389 Min.	275.00	0.00	1	0.00	1	0.00	1	-3456.57	13	-6236.20	13	-2988.48	19
4032	-301	-386 Max	0.00	0.00	1	0.00	1	0.00	1	10713.80	7	6530.36	19	2496.27	19
4032	-301	-386 Max	415.35									5948.44	19		
4032	-301	-386 Max	507.50	0.00	1	0.00	1	0.00	1	6186.91	2	6629.44	7	2496.27	19
4032	-301	-386 Min.	0.00	0.00	1	0.00	1	0.00	1	-7963.84	19	-11893.00	7	209.61	7
4032	-301	-386 Min.	415.35									-11196.40	19		
4032	-301	-386 Min.	507.50	0.00	1	0.00	1	0.00	1	-4931.84	13	-11126.30	19	209.61	7
4054	-215	-251 Max	0.00	0.00	1	0.00	1	0.00	1	8584.19	19	6150.66	7	104.65	19
4054	-215	-251 Max	152.18									-496.17	2		
4054	-215	-251 Max	180.00	0.00	1	0.00	1	0.00	1	6861.08	19	6218.70	19	104.65	19
4054	-215	-251 Min.	0.00	0.00	1	0.00	1	0.00	1	-6785.37	7	-7602.44	19	-108.77	7
4054	-215	-251 Min.	152.18									-1802.32	2		
4054	-215	-251 Min.	180.00	0.00	1	0.00	1	0.00	1	-8508.48	7	-7534.40	7	-108.77	7
4055	-68	-69 Max	0.00	0.00	1	0.00	1	0.00	1	4977.81	13	8393.12	1	947.09	28
4055	-68	-69 Max	222.15									446.41	7		
4055	-68	-69 Max	275.00	0.00	1	0.00	1	0.00	1	9929.05	13	8735.68	13	947.09	28
4055	-68	-69 Min.	0.00	0.00	1	0.00	1	0.00	1	-9081.12	1	-10496.20	13	337.87	7
4055	-68	-69 Min.	61.33									-5400.76	2		
4055	-68	-69 Min.	275.00	0.00	1	0.00	1	0.00	1	-4118.78	1	-8927.50	1	337.87	7
4058	-390	-391 Max	0.00	0.00	1	0.00	1	0.00	1	4991.51	1	8396.44	13	-315.69	19
4058	-390	-391 Max	222.58									468.40	19		
4058	-390	-391 Max	275.00	0.00	1	0.00	1	0.00	1	9917.44	1	8741.36	1	-315.69	19
4058	-390	-391 Min.	0.00	0.00	1	0.00	1	0.00	1	-9067.42	13	-10492.90	1	-864.68	27
4058	-390	-391 Min.	46.66									-5803.04	2		
4058	-390	-391 Min.	275.00	0.00	1	0.00	1	0.00	1	-4130.40	13	-8921.82	13	-864.68	27
4081	-320	-401 Max	0.00	0.00	1	0.00	1	0.00	1	8950.28	19	3459.89	7	-600.26	19
4081	-320	-401 Max	381.31									4611.19	10		
4081	-320	-401 Max	417.50	0.00	1	0.00	1	0.00	1	5401.00	13	6141.08	19	-600.26	19
4081	-320	-401 Min.	0.00	0.00	1	0.00	1	0.00	1	-6217.31	7	-10009.80	19	-2674.99	7
4081	-320	-401 Min.	381.31									-9507.70	10		
4081	-320	-401 Min.	417.50	0.00	1	0.00	1	0.00	1	-4536.92	1	-9918.27	7	-2674.99	7
4082	-70	-71 Max	0.00	0.00	1	0.00	1	0.00	1	4378.41	13	8224.45	1	208.56	13
4082	-70	-71 Max	0.94									794.21	22		
4082	-70	-71 Max	275.00	0.00	1	0.00	1	0.00	1	9814.72	13	8456.57	13	208.56	13
4082	-70	-71 Min.	0.00	0.00	1	0.00	1	0.00	1	-9782.85	1	-9850.26	13	-12.74	1
4082	-70	-71 Min.	210.62									-5563.68	2		
4082	-70	-71 Min.	275.00	0.00	1	0.00	1	0.00	1	-4079.08	1	-9700.15	1	-12.74	1
4085	-392	-393 Max	0.00	0.00	1	0.00	1	0.00	1	4391.68	1	8225.73	13	-7.37	13
4085	-392	-393 Max	0.84									799.82	10		
4085	-392	-393 Max	275.00	0.00	1	0.00	1	0.00	1	9803.92	1	8461.03	1	-7.37	13
4085	-392	-393 Min.	0.00	0.00	1	0.00	1	0.00	1	-9769.58	13	-9848.99	1	-228.66	1
4085	-392	-393 Min.	55.00									-5643.57	2		
4085	-392	-393 Min.	275.00	0.00	1	0.00	1	0.00	1	-4089.88	13	-9695.70	13	-228.66	1
4109	-72	-73 Max	0.00	0.00	1	0.00	1	0.00	1	4297.04	13	8211.48	1	48.06	19
4109	-72	-73 Max	3.47									717.84	22		
4109	-72	-73 Max	275.00	0.00	1	0.00	1	0.00	1	9814.26	13	8515.45	13	48.06	19

4109	-72	-73 Min.	0.00	0.00	1	0.00	1	0.00	1	-9783.31	1	-9755.41	13	-249.97	7
4109	-72	-73 Min.	210.99									-5559.44	2		
4109	-72	-73 Min.	275.00	0.00	1	0.00	1	0.00	1	-4157.69	1	-9771.15	1	-249.97	7
4112	-394	-395 Max	0.00	0.00	1	0.00	1	0.00	1	4310.24	1	8212.80	13	269.67	19
4112	-394	-395 Max	3.38									723.23	10		
4112	-394	-395 Max	275.00	0.00	1	0.00	1	0.00	1	9803.42	1	8520.01	1	269.67	19
4112	-394	-395 Min.	0.00	0.00	1	0.00	1	0.00	1	-9770.12	13	-9754.09	1	-28.36	7
4112	-394	-395 Min.	61.24									-5611.76	2		
4112	-394	-395 Min.	275.00	0.00	1	0.00	1	0.00	1	-4168.52	13	-9766.59	13	-28.36	7
4136	-74	-75 Max	0.00	0.00	1	0.00	1	0.00	1	4340.22	13	8499.62	1	-307.99	19
4136	-74	-75 Max	251.22									938.21	7		
4136	-74	-75 Max	275.00	0.00	1	0.00	1	0.00	1	9108.57	13	8686.51	13	-307.99	19
4136	-74	-75 Min.	0.00	0.00	1	0.00	1	0.00	1	-9882.67	1	-8977.74	13	-972.79	28
4136	-74	-75 Min.	220.00									-5698.09	2		
4136	-74	-75 Min.	275.00	0.00	1	0.00	1	0.00	1	-4804.67	1	-10429.70	1	-972.79	28
4139	-396	-397 Max	0.00	0.00	1	0.00	1	0.00	1	4354.04	1	8502.63	13	908.55	19
4139	-396	-397 Max	251.65									956.96	19		
4139	-396	-397 Max	275.00	0.00	1	0.00	1	0.00	1	9096.80	1	8692.80	1	908.55	19
4139	-396	-397 Min.	0.00	0.00	1	0.00	1	0.00	1	-9868.85	13	-8974.73	1	285.37	7
4139	-396	-397 Min.	210.69									-5283.74	2		
4139	-396	-397 Min.	275.00	0.00	1	0.00	1	0.00	1	-4816.44	13	-10423.40	13	285.37	7
4163	-76	-77 Max	0.00	0.00	1	0.00	1	0.00	1	3633.79	13	7668.70	1	-97.74	7
4163	-76	-77 Max	236.75									-220.98	2		
4163	-76	-77 Max	275.00	0.00	1	0.00	1	0.00	1	4826.99	13	5450.86	13	-97.74	7
4163	-76	-77 Min.	0.00	0.00	1	0.00	1	0.00	1	-9432.90	1	-6228.12	13	-3155.72	19
4163	-76	-77 Min.	236.75									-5478.27	2		
4163	-76	-77 Min.	275.00	0.00	1	0.00	1	0.00	1	-4764.77	1	-10800.90	1	-3155.72	19
4166	-398	-399 Max	0.00	0.00	1	0.00	1	0.00	1	3645.02	1	7682.56	13	3160.95	7
4166	-398	-399 Max	222.99									-212.75	2		
4166	-398	-399 Max	275.00	0.00	1	0.00	1	0.00	1	4916.39	2	5447.53	1	3160.95	7
4166	-398	-399 Min.	0.00	0.00	1	0.00	1	0.00	1	-9421.67	13	-6214.25	1	102.97	19
4166	-398	-399 Min.	222.99									-5017.46	2		
4166	-398	-399 Min.	275.00	0.00	1	0.00	1	0.00	1	-4791.60	13	-10804.20	13	102.97	19
4190	-78	-79 Max	0.00	0.00	1	0.00	1	0.00	1	6166.40	13	3041.84	1	5995.60	7
4190	-78	-79 Max	3.56									-294.51	19		
4190	-78	-79 Max	75.00	0.00	1	0.00	1	0.00	1	4544.39	13	-609.64	7	5995.60	7
4190	-78	-79 Min.	0.00	0.00	1	0.00	1	0.00	1	-8157.31	2	-5328.39	13	-10063.80	19
4190	-78	-79 Min.	3.56									-2831.20	19		
4190	-78	-79 Min.	75.00	0.00	1	0.00	1	0.00	1	-5666.33	2	-2684.38	19	-10063.80	19
4193	-400	-401 Max	0.00	0.00	1	0.00	1	0.00	1	6173.55	1	3051.28	13	9918.27	7
4193	-400	-401 Max	3.31									-282.69	7		
4193	-400	-401 Max	75.00	0.00	1	0.00	1	0.00	1	4536.92	1	-600.25	19	9918.27	7
4193	-400	-401 Min.	0.00	0.00	1	0.00	1	0.00	1	-7985.79	13	-5318.95	1	-6141.08	19
4193	-400	-401 Min.	3.31									-2821.50	7		
4193	-400	-401 Min.	75.00	0.00	1	0.00	1	0.00	1	-5401.01	13	-2674.99	7	-6141.08	19

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